2017 Virginia Toxics Release Inventory Report

Summary of Data from 2017 Industry Reports

www.deq.virginia.gov

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Virginia Department of Environmental Quality Mission and Programs

It is the mission of the Virginia Department of Environmental Quality (DEQ) to protect the environment of Virginia in order to promote the health and well-being of Virginians. To this end, DEQ implements numerous programs, as described on DEQ's website at http://www.deq.virginia.gov/Programs.aspx. These programs range from media specific programs on air quality, water quality, and waste management, to area programs (such as the Chesapeake Bay Program and the Virginia Coastal Zone Management Program), to more specific programs (such as Small Business Assistance and Citizen Monitoring). DEQ is committed to pollution prevention and elimination or reduction of waste at the source of generation. An example of a pollution prevention program is the Virginia Environmental Excellence Program, which encourages businesses and organizations to go beyond legal requirements and adopt environmental management systems. All sectors of government, Virginia businesses and industry, and Virginia's citizens have a role in managing and controlling the release of toxic chemicals in the Commonwealth.

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Executive Summary

In March of each year, the Virginia Department of Environmental Quality (DEQ) publishes the Virginia Toxics Release Inventory (TRI) Report, pursuant to Virginia Code § 10.1-1186.1. The TRI program continues to fulfill its goal of providing chemical use, release, and waste management information to the public. The Virginia TRI Report contains information on the release or other management of listed chemicals and chemical categories, as reported by Virginia industries in specified industrial sectors and by federal facilities located within the Commonwealth. The facilities' reports are required by Title III of the federal Superfund Amendment and Reauthorization Act (SARA Title III), also known as the Emergency Planning and Community Right-to-Know Act (EPCRA). The Virginia TRI Report is a multi-media report, covering air, water, and waste management activities, and it addresses a variety of handling practices, including releases, recycling, energy recovery, and on-site and off-site treatment and disposal. The 2017 TRI data represents the 31st year of data collection from facilities for distribution to the public.

This year's Virginia TRI Report covers calendar year 2017, which is the most recent year of available data. The Virginia TRI Report includes all reports and revisions received by DEQ on or before January 7, 2019.

Between 2004 and 2014 there has been an overall decrease in the total amount of TRI reportable chemicals managed of over 43.62% as shown in the table in Appendix E.

For calendar year 2017, 422 Virginia facilities filed 1,328 individual reports on the release, transfer, or management of TRI chemicals or chemical categories. This was a 2.76 percent decrease in the number of facilities reporting (434 facilities) and a 1.2 percent decrease in the number of reports received (1,345 reports) for calendar year 2016. In 2017, Virginia facilities reported the release, transfer, or management of 138 chemicals and chemical categories, of the more than 650 chemicals and chemical categories which are subject to the TRI reporting requirements.

According to the reports, Virginia facilities reported the release, transfer, or on-site management of 899.96 million pounds of TRI chemicals during calendar year 2017 (a 1.00 percent decrease from 2016).

Of the total of TRI chemicals reported:

- 30.51 million pounds were released on-site (a 14.83 percent decrease from 2016);
- 58.61 million pounds were transferred off-site for treatment, recycling, energy recovery, or disposal (a 9.00 percent decrease from 2016); and
- 810.84 million pounds were managed on-site by treatment, recycling, or energy recovery (a 0.25 percent increase from 2016).

TRI reports for reporting year 2017 show a decrease in releases to water, air and land. Results from the most recent TRI data show the total amount of TRI chemicals as released:

- The total amount released to air for 2017 decreased by 2.50 million pounds (13.17 percent) compared to 2016.

- The total amount released to water for 2017 decreased by 2.27 million pounds (16.75 percent) compared to 2016.

- The total amount released to land for 2017 decreased by 593,021 pounds (17.94 percent) compared to 2016.

The Virginia TRI Report addresses separately those TRI chemicals the U.S. Environmental Protection Agency (EPA) has designated as Persistent Bio-accumulative Toxins (PBTs). These chemicals remain in the environment for long periods, are not readily destroyed, and build up or accumulate in body tissue. Risk to human health depends on the toxicity of the chemical; how it disperses, reacts, or persists in the environment; and the quantity, concentration, and type of human exposure. Chemical releases are managed by a variety of environmental permits.

According to the 2017 PBT reports:

- 245,533 pounds of PBT TRI chemicals were released on-site at reporting Virginia facilities (a 1.03 percent decrease from 2016);

- 757,396 pounds of PBT TRI chemicals were transferred off-site for treatment, recycling, energy recovery, or disposal (a 1.17 percent increase from 2016); and

- 86,619 pounds of PBT TRI chemicals were managed on-site by treatment, recycling, or energy recovery (a 29.56 percent decrease from 2016).

Dioxins and dioxin-like compounds account for 28.31 grams (approximately 0.06 pounds) of the PBT chemicals released, transferred, or managed by Virginia facilities during calendar year 2017.

As required by statute, the Virginia TRI Report also provides information by industrial sector (identified by the North American Industry Classification System), facility, and facility location (jurisdiction). For calendar year 2017 three reporting industrial sectors accounted for 71.96 percent of the total on-site releases to the environment. The top three reporting industrial sectors were: Chemical Manufacturing, Paper Manufacturing, and Utilities. The text of the report provides additional information about the industrial sectors, facilities, and jurisdictions with the largest reported on-site release, on-site management, and other management of TRI chemicals.

The Virginia TRI Report provides the public with information concerning specified toxic chemicals and chemical compounds which are manufactured, processed, or otherwise used at Virginia facilities. Responsible use of the information can help the public and industry identify potential concerns and develop effective strategies for reducing toxic chemical usage and release. The TRI data do not, however, represent a measure of the public's exposure to chemicals, nor do they assess risk.

The overwhelming majority of the releases are regulated and permitted under other state and federal programs that are designed to protect human health and the environment. These programs include federal programs such as the Clean Air Act (CAA), Clean Water Act (CWA), and the Resource Conservation and Recovery Act (RCRA) and accompanying state laws such as the State Water Control Law, Air Pollution Control Board Law, and Virginia Waste Management Act. These programs include overall restrictions and standards established through permits or other applicable requirements.

Information on the permit programs can be found at the following web address: http://www.deq.virginia.gov/Permits.aspx.

Because of differences in report generation schedules and receipt of reports, the information in the Virginia TRI Report will not precisely match the information in the national Toxics Release Inventory - Public Data Release, located at http://www2.epa.gov/toxics-release-inventory-tri-program/tri-data-and-tools, as published by EPA.

Introduction

Part One - Virginia TRI Reporting

Statutory and Regulatory Basis

The Virginia TRI Report is published annually pursuant to Virginia Code § 10.1-1186.1. The TRI Report contains information on the release, transfer, or management of listed chemicals and chemical categories, as reported by more than 400 Virginia industries and federal facilities. The facilities are required to submit their reports pursuant to the federal Emergency Planning and Community Right-to-Know Act (EPCRA), also known as SARA Title III.[1] Virginia Code § 10.1-1186.1 directs DEQ to publish the Virginia TRI Report in March of each year and to include information for the most recent calendar year for which data are available, in this case, the calendar year 2017. The Virginia Code also directs the report to be organized by chemical, facility, facility location, and standard industrial classification (SIC) code. Federal regulations require facilities to submit their TRI reports to the U.S. Environmental Protection Agency (EPA) and to the Commonwealth. The Virginia TRI Report is compiled directly from the reports received from Virginia facilities.

A glossary of terms used in the Virginia TRI Report is included as Appendix A.

Current Year (2017) Virginia Facility Reports

Pursuant to federal requirements, facilities are required to submit their reports for a calendar year by the following July 1st. For example, facilities were required to file their reports on their calendar year 2017 activities on or before July 1, 2018. Therefore, data for calendar year 2017 are the most recent available for the March 2019 report. The TRI Report includes all facility reports and revisions received by DEQ on or before January 7, 2019. For reporting year 2017, 422 Virginia facilities filed 1,328 individual reports on the release or other management of TRI chemicals or chemical categories, which represents a slight decrease from the 434 facilities and a slight decrease from the 1,345 reports that were filed for reporting year 2016. Data for all reporting years are available to the public from DEQ's SARA Title III office. A digital copy of the current reporting year 2017 TRI report and appendices, as well as reporting years 2011-2017 TRI reports, are available to the public on DEQ's website at http://www.deq.virginia.gov/Programs/Air/AirQualityPlanningEmissions/SARATitleIII/SARA313ToxicsReleaseInventory.aspx.

In 2017, Virginia facilities reported the release, transfer, or management of 138 of the more than 650 chemicals and chemical categories that are subject to TRI reporting requirements.

Changes to the 2017 Virginia TRI Report

Continuing the policy changes which began with the 2002 report, an EPA final ruling requiring the reporting of the hexabromocyclododecane category of chemicals became effective on January 1, 2017 and is applicable to reporting year 2017. On December 26, 2017, EPA finalized a rule to update the list of NAICS codes reportable to TRI requiring the use of the 2017 NAICS codes for TRI reporting which were due on July 1, 2018.

[1] 42 U.S.C. § 11023, or SARA § 313

Assessing risk is beyond the scope of the report and is subject to site-specific interpretations and calculations. Readers are encouraged to utilize the resources listed in the report, appendices, and other data to analyze the overall use, release, and management of TRI chemicals.

Virginia is one of 37 states participating in the State Data Exchange program for online data collection of TRI reports. States which join the TRI State Data Exchange can save resources by sending all of their data electronically via the Central Data Exchange (CDX). Participating states may be viewed at the following site http://www2.epa.gov/toxics-release-inventory-tri-program/tri-data-exchange.

Part Two - National Toxics Release Inventory Reporting Program

The National Toxics Release Inventory

The Virginia TRI Report is compiled directly from reports Virginia facilities submit under federal law and regulations.[2] Using those same authorities, EPA compiles and maintains nationwide information in the *Toxics Release Inventory – National Analysis*, which is available to the public on EPA's website at http://www.epa.gov/tri/. The National Toxics Release Inventory was established to provide information to the public about the presence and release of toxic and hazardous chemicals in their communities. From inception, the national TRI program and Virginia's program have been expanding and evolving to meet the needs of an informed public. A list of supplementary resources on the program can be found in Appendix B and more detailed information about the historical changes to the TRI program can be found in Chapter Four.

Facilities Which Must Report

Under the national TRI program, a facility must submit a TRI report (or reports) to EPA and the state for the reporting year if:

1) **The facility has ten or more full-time employees** (a combined total for all employees of 20,000 hours or more for the year);

2) **The facility's primary business is within one of the covered North American Industrial Classification System (NAICS) codes.** The covered industry sectors include metal mining, coal mining, paper and allied products, chemicals and allied products, petroleum terminals and bulk stations and others. The complete list of covered industry groups is provided in Appendix H; and

3) **The facility manufactured, processed, or otherwise used a reportable toxic chemical in quantities greater than the established threshold during the course of a calendar year.** The annual reporting thresholds for non-PBT TRI chemicals are 25,000 pounds for manufacturing, 25,000 pounds for processing, and 10,000 pounds for "otherwise use." For PBT chemicals, the thresholds for reporting are lower and vary by chemical. For example, dioxin and dioxin-like compounds have a threshold of 0.1 grams, while lead and lead compounds have a reporting threshold of 100 pounds. For PBT chemicals, these lower reporting thresholds apply whether the chemical is manufactured, processed, or otherwise used. A TRI reporting threshold screening tool is

[2] The national TRI was established under Title III, Section 313, of the Federal Superfund Amendments and Reauthorization Act (SARA), which is also known as the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA), 42 U.S.C § 11023. The related federal regulations are found at 40 CFR Part 372.

available on EPA's website at the following address: https://www.epa.gov/toxics-release-inventory-tri-program/tri-threshold-screening-tool.

Federal facilities also are required to comply with EPCRA and the Pollution Prevention Act (PPA) of 1990, in accordance with Executive Order 13148. The Executive Order requires all federal facilities which manufacture, process, or otherwise use any listed EPCRA Section 313 chemical above the reporting threshold to submit a TRI report. The first federal facility reports were submitted on or before July 1, 1995, for calendar year 1994.

Chemicals and Chemical Categories

For a chemical or chemical category to remain on or be added to the TRI list, the chemical must be known to cause or to reasonably be anticipated to cause one of the following:

- Adverse acute health effects at significant concentration levels beyond facility boundaries as a result of continuous or frequently occurring releases;
- Cancer in humans; or
- A significant adverse effect on the environment because of the chemical's toxicity and persistence in the environment.

As new chemicals of concern are identified, they are added to the TRI list. Conversely, if TRI chemicals are found not to meet the toxicity requirements, they can be deleted. Currently, the reportable TRI chemical list contains more than 650 chemicals and chemical categories. A complete list of TRI chemicals and chemical categories for calendar year 2017 reports is available to the public on EPA's website at http://www2.epa.gov/toxics-release-inventory-tri-program/tri-listed-chemicals.

For 2017, Virginia facilities reported the release, transfer, or management of 138 of the more than 650 chemicals and chemical categories which are subject to the TRI reporting requirements.

Reporting Forms and Activities Which Must Be Reported

Each year, reporting facilities submit one reporting form for each TRI chemical or chemical category which is manufactured, processed, or otherwise used in amounts equal to or greater than the threshold values. For each TRI chemical or chemical category, facilities must submit either a Form A (simplified form) or a Form R (long form). Examples of both forms for reporting year, 2017, are provided in Appendix D. Form A has restrictions governing its use. The TRI Electronic Reporting Rule, effective January 21, 2014, now requires facilities to use EPA's Automated TRI Reporting Software TRI-Made Easy (TRI-ME) to submit the information electronically on-line via CDX. Reports containing trade secrets or revisions to reports previously containing trade secrets must still be submitted to EPA and Virginia via hard copy. The 2009 Omnibus Appropriation Act has returned TRI reporting requirements to the rules in effect prior to the TRI Burden Reduction Rule, announced in December 2006. The change requires that reports on PBT chemicals be submitted on the Form R. For all other chemicals, the shorter form, Form A, may be used only if the "annual reporting amount" is 500 pounds or less and the chemical was manufactured, processed, or otherwise used in an amount not exceeding 1 million pounds during the reporting year.

Data used to prepare quantitative information in the Virginia TRI Report come principally from Part II of the Form R reports, and specifically from Sections 5, 6, 7 and 8 of Part II, Form R. These sections are referred to throughout the Virginia TRI Report and are described below:

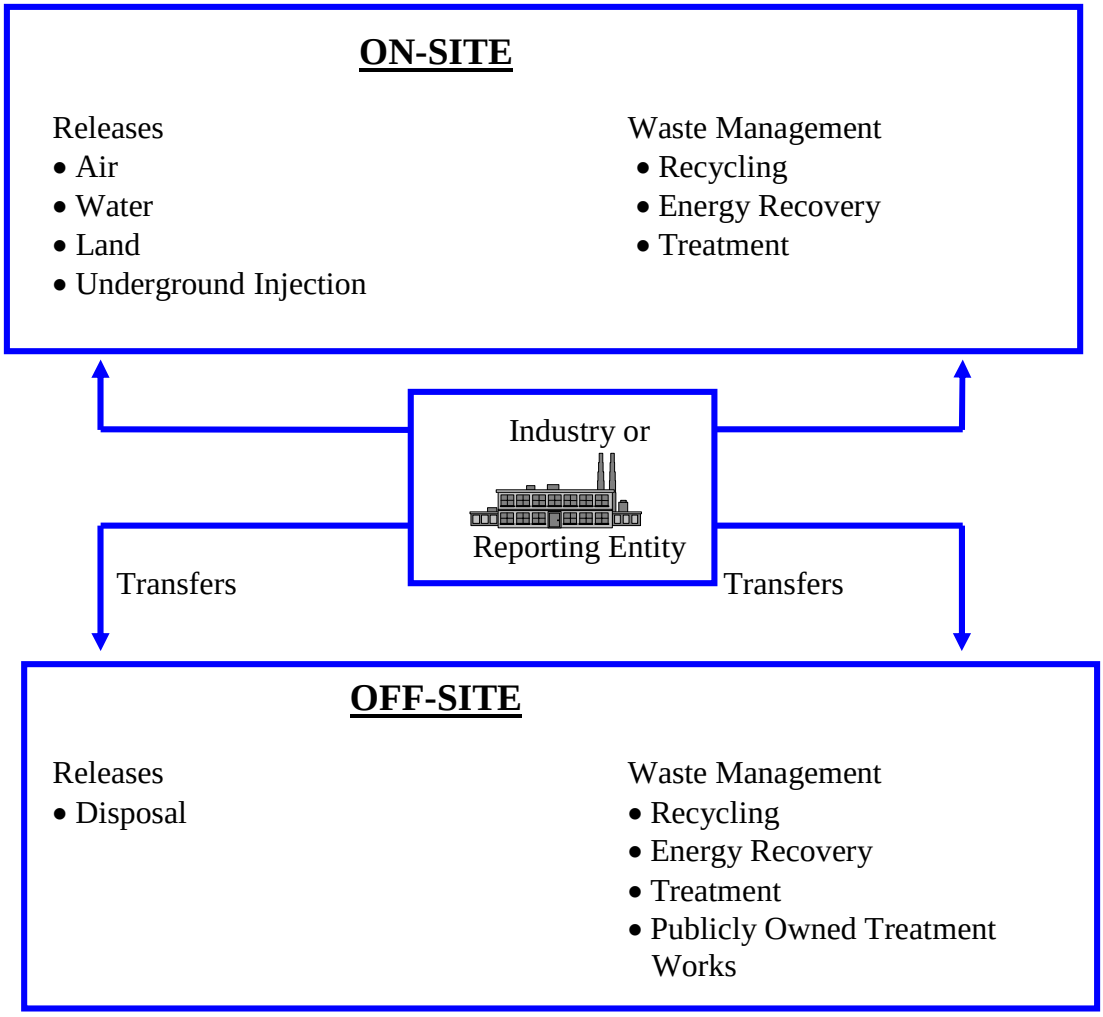
- **Section 5: Quantity of toxic chemical entering each environmental medium on-site.** Release reporting for on-site releases is broken down into categories: releases to the air (from stack and fugitive emissions), releases to water (on-site via Virginia Pollutant Discharge Elimination Systems (VPDES) permitted outfalls and to publicly owned treatment works (POTWs)), and releases to land (underground injection, disposal to land, Resource Conservation and Recovery Act (RCRA) Subtitle C landfill, other landfills, land treatment/application farming, surface impoundment, or other disposal).

- **Section 6**: **Transfers of the toxic chemical in wastes to off-site locations.** Section 6 contains two main subsections: transfers to POTWs and transfers to all other off-site locations (in-state or out-of-state). Facilities are required to provide the name and location of off-site locations, the quantity transferred, and the method of management (treated, disposed, recycled, or burned for energy recovery).

- **Section 7**: **On-site waste treatment methods and efficiency (including energy recovery processes and recycling processes).** Facilities are asked to provide mostly qualitative information about the on-site treatment processes, the estimated range of influent concentration, and the efficiency of the operation.

- **Section 8**: **Source reduction and waste management.** Section 8 was added to the Form R reporting as a result of the federal Pollution Prevention Act of 1990 to track production-related activities. Section 8 extracts and re-aggregates data reported in Sections 5 through 7 into environmental releases (production-related on-site and off-site releases), off-site transfers/management, and on-site management. Where Section 7 contains qualitative information about on-site management practices, a subsection of Section 8 asks for related quantitative data. Section 8 and its subsections also request previous year reporting and future year estimates for production-related releases, transfers for off-site management, and on-site management. Other subsections of Section 8 ask for episodic/catastrophic releases (non-production related), qualitative information about source reduction activities, and a production ratio or activity index to better gauge the facility's efforts in source reduction. The flow chart (Figure 1) on the following page illustrates the information collected on Form R for TRI chemicals.

Figure 1 - Schematic Diagram of the TRI Data Collected



Part Three - Uses and Limitations of TRI Data

The Virginia TRI Report provides the public, especially local emergency planning committees, with information concerning designated toxic chemicals and chemical categories manufactured, processed, or otherwise used at facilities, including the amounts released to the environment and managed as wastes.

Industry can use the data to: obtain an overview of use and release of toxic chemicals, identify and reduce costs associated with toxic waste, identify promising areas for pollution prevention, establish reduction targets, and measure and document progress toward reduction goals.

The public availability of the data has assisted many facilities in working with their communities to develop effective strategies for reducing environmental and human health risks that may result from toxic chemical releases. The Virginia Environmental Excellence Program (VEEP) added 3 new members in 2018 as a direct result of contacting 2016 TRI reporters.

Nevertheless, there are limitations on the use of TRI data:

1. The TRI Report contains reported information on the quantities of chemicals released and managed, not the public's exposure to, or risk from, the chemicals. Due to the limited nature of TRI data collected, readers are strongly discouraged from making any health or environmental risk/exposure assessments from the information presented. Risk to human health by a chemical release depends on the toxicity of the chemical; how it disperses, reacts, or persists in the environment; and the quantity, concentration, and type of human exposure. Furthermore, chemicals reported for the TRI Report are not weighted by their toxicity. For example, a pound of one substance may be more toxic or hazardous than 1,000 pounds of another. Most of the TRI chemical releases are permitted under other federal and state regulatory programs such as the CAA, CWA and RCRA. Data from these regulatory programs may provide additional information to better inform residents about their environment.

2. The TRI program captures only a portion of all toxic chemical releases in Virginia. The TRI reporting program does not account for TRI chemicals from most non-manufacturing facilities, facilities with fewer than 10 employees, facilities that do not meet the chemical quantity thresholds, other non-industrial sources, or transportation-related emissions.

3. The majority of facilities report TRI data based on estimates. The TRI program does not require facilities to monitor releases, only to use best available data in the facilities' estimates. Using different methods to estimate data can result in significant variability from one facility to another, as well as from one year to the next.

4. Patterns of releases and other waste management activities can change significantly from one year to the next. Thus, the data in this report for a specific facility may differ from those reported for a prior year. Although many facilities utilize Environmental Management Systems to improve efficiency and reduce waste, higher production often leads to higher releases.

5. Direct comparison between figures in the current year's report and figures in past Virginia TRI Reports is discouraged because of changes in reporting requirements and the authorized incorporation of revisions to previous years' data. Several historical comparisons, with appropriate standardization of data, are provided in Chapter 4 and Appendix E.

6. EPA is required by law to compile an annual *Toxics Release Inventory – National Analysis* on the national level. The data published in the Virginia TRI Report is anticipated to not completely correspond to the data published by the EPA. Contributing factors include: differing dates on which data are extracted for processing, revised facility reports, and facilities which mistakenly report to the Commonwealth or EPA but not both. DEQ and EPA continue to work together to rectify such differences.

The data for calendar year 2017 show a decrease (1.00 percent) in the amount of TRI chemicals released on-site, transferred off-site and managed on-site from 2016 (see Chapter 4 for the 2015-2017 comparison table). There has been a downward trend in the amount of TRI chemicals released to the environment and managed as wastes in Virginia since the implementation of the TRI Program in 1988 with an overall decrease in the total amount of TRI reportable chemicals of over 43.62% between 2004 and 2014 as shown in the table in Appendix E. The amount of TRI chemicals being treated and recycled

off-site and the TRI chemicals being released to the land, water, and stack air accounted for the overall decrease in the total amount of TRI chemicals reported in 2017.

Chapter One - 2017 Virginia TRI Data Review

Chapter One describes the 2017 reporting year data, based on the type of activity and the chemicals and chemical categories reported. The chapter is divided into four parts. Part One presents an overview and summary of 2017 data collected. Part Two discusses on-site releases of TRI chemicals to the environment, whether to air, water, or land. These data are derived from Section 5 of the Form R reports. Part Three discusses the off-site transfers of TRI chemicals, whether to POTWs or to other off-site locations. These data are derived from Section 6 of the Form R reports. Part Four discusses on-site and off-site management activities. These data are derived from Section 8 of the Form R reports. While Chapter One includes all TRI chemicals, Chapter Two addresses PBT chemicals in more detail.

As described in the Introduction, Section 8 of the federal Form R asks facilities to extract and re-aggregate certain data from Sections 5 and 6. To avoid double-counting these chemicals in the Overview and Summary, only data which are independent of Sections 5 and 6 are presented when discussing "On-Site Management" in Part One of this chapter. When discussing Section 8 data as a whole, however, all these data are used in Part Four of this chapter; including data extracted and re-aggregated from Sections 5 and 6, so the balance between various on-site and off-site management activities can be shown. Appendices F and G contain facility-specific information, arranged by jurisdiction, for TRI chemicals (excluding PBTs) and for PBT chemicals, respectively.

Part One - 2017 Overview and Summary

For calendar year 2017, Virginia facilities reported they released, transferred, or managed approximately 899.96 million pounds of TRI chemicals (see Table 1).

Approximately 30.51 million pounds of TRI chemicals were reported to have been released on-site to the environment. Air releases represented 16.50 million pounds, or 54.09 percent of all the TRI chemicals released on-site in 2017. Releases to the water totaled approximately 11.29 million pounds, or 37.02 percent of the total released on-site. Releases to the land totaled approximately 2.71 million pounds, or 8.89 percent of the total released on-site. For 2017, the amount of TRI chemical releases to the environment represented approximately 3.39 percent of the total TRI chemicals reported.

The majority of the reported releases occurred under a federal or state permit program designed to protect human health and the environment.

Off-site transfers totaled approximately 58.61 million pounds of TRI chemicals. Off-site transfers to POTWs totaled approximately 14.78 million pounds. Off-site transfers to other (non-POTW) facilities (for treatment, recycling, energy recovery, and disposal) totaled approximately 43.83 million pounds. For 2017, the amount of TRI chemicals transferred off-site represented approximately 6.51 percent of the total for TRI chemicals by this measure.

Facilities reported that approximately 810.84 million pounds of TRI chemicals were managed on-site by treatment, recycling, or energy recovery. For 2017 the amount of chemicals managed on-site represents approximately 90.10 percent of the total TRI chemicals.

Table 1. Summary of Data by Type of Release, Transfer, and On-Site Management for TRI Chemicals (in pounds per year)

On-Site Releases By Media (Section 5 of Form R)		
Total Air		16,503,969.18
Fugitive Air	3,644,814.00	
Stack Air	12,859,155.18	
Total Water		11,294,027.95
Total Land		2,713,390.99
Landfills	1,668,698.59	
Land Treatment / Application	51,000.00	
Surface Impoundment	505,014.84	
Other Disposal	488,677.56	
Total On-Site Releases to Media		**30,511,388.12**
Off-Site Transfers By Type (Section 6 of Form R)		
Publicly Owned Treatment Works (POTWs) (includes metals and metal compounds)		14,782,846.20
Total Other Off-Site Transfers		43,825,708.07
Off-Site Transfers for Recycling	22,058,407.75	
Off-Site Transfers for Energy Recovery	3,786,729.87	
Off-Site Transfers for Other Treatment	14,876,770.30	
Off-Site Transfers for Disposal	3,103,800.14	
Total Off-Site Transfers		**58,608,554.27**
On-Site Management (From Section 8 of Form R) *		
Treated On-Site	104,073,554.90	
Recycled On-Site	702,998,486.36	
Energy Recovery On-Site	3,766,856.25	
Total On-Site Management		**810,838,897.51**
Total TRI Chemicals Released On-site to Media, Transferred Off-site, or Managed On-site by Reporting Facilities	**899,958,839.90**	

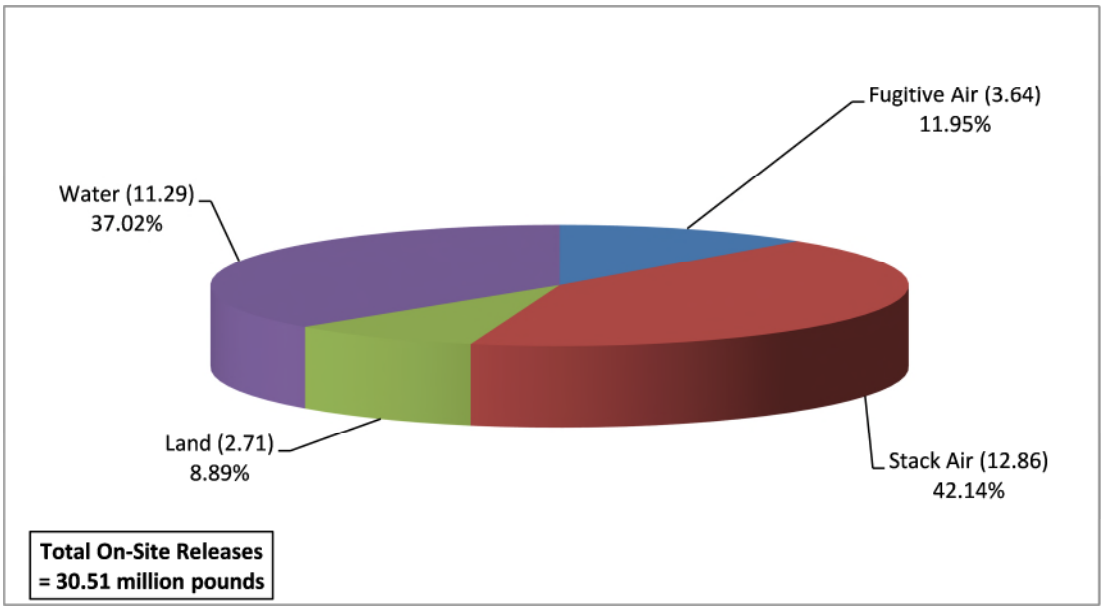
* The data for the on-site management of TRI chemicals are a summary of data collected from Part II, Sections 8.2, 8.4, and 8.6 of the Form R. These sections, in turn, are quantitative data not reported anywhere else in the Form R and reflect the descriptive data reported in Part II, Section 7 (on-site management practices - treatment, energy recovery, and recycling) of the Form R. Data extracted and re-aggregated to Section 8 from Sections 5 and 6 of Form R have not been included here to avoid duplicate counting.

Part Two - On-Site Releases to the Environment

Part Two of Chapter One discusses the on-site releases of TRI chemicals to the environment by facilities, as reported in Section 5 of the TRI Form R. The quantities reported in Section 5 include production-related releases, any catastrophic releases or one-time events not associated with routine production processes.

A release refers to an on-site discharge of TRI chemicals to the air, water, land, and/or disposal in underground injection wells. Any reductions in waste achieved by on-site treatment methods are taken into account when facilities determine their release data. Approximately 30.51 million pounds of TRI chemicals were reported as released into the environment by reporting facilities for reporting year 2017.

Figure 2. On-Site Releases of TRI Chemicals to All Media for Reporting Year 2017 (From Section 5 of Form R. The number inside the parentheses is the quantity of releases in each category in millions of pounds and the percent figure is the percent of total on-site releases. There were no underground injection releases reported in 2017.)

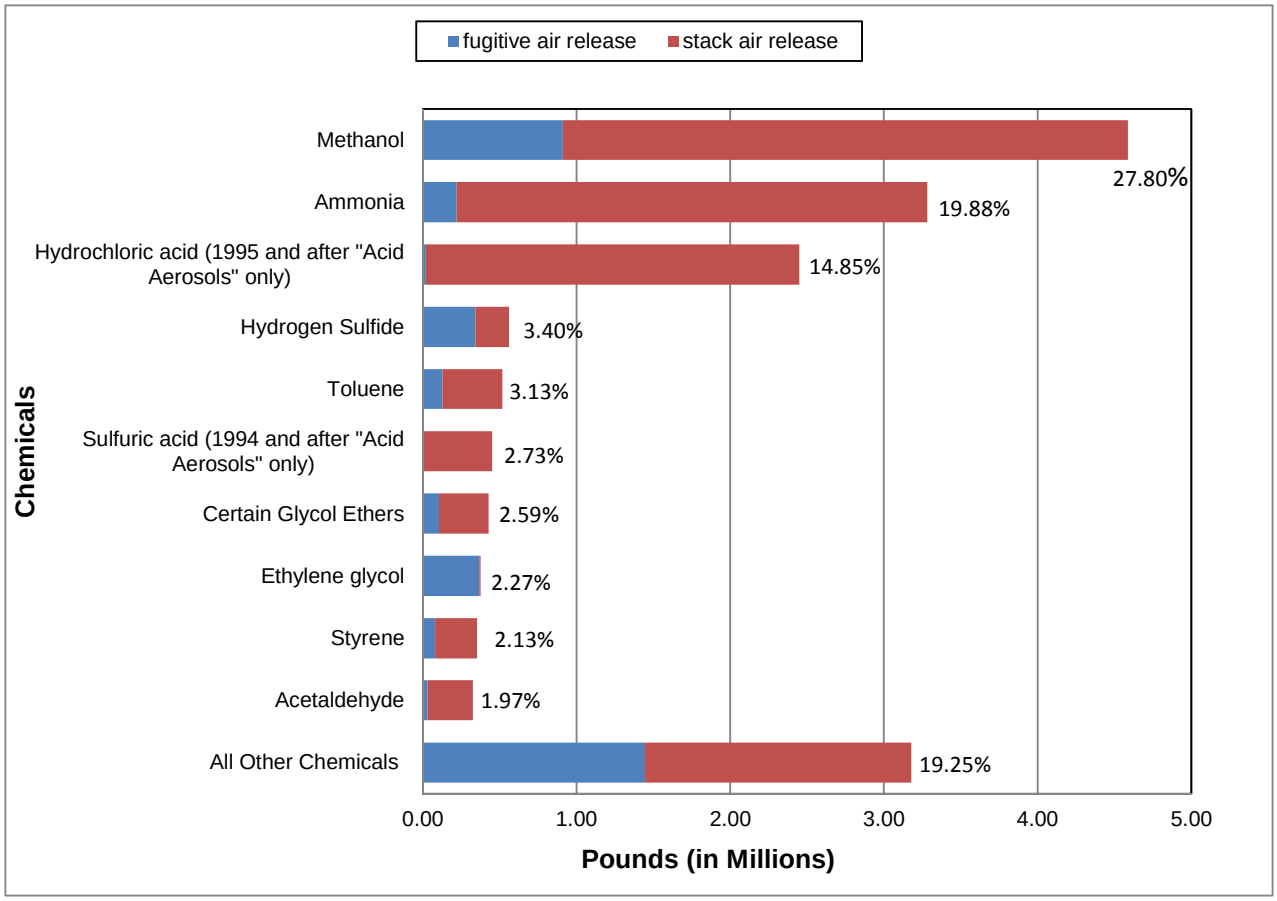


On-Site Releases to the Air

On-site air releases are classified as either "fugitive" (non-point source) or "stack" (point source) air emissions. Examples of fugitive air emissions are equipment leaks from valves, pump seals, flanges, compressors, sampling connections, open-ended lines, and evaporative losses from surface impoundments and spills. Stack air emissions are releases which are conveyed through stacks, ducts, pipes, vents, or other confined air streams. Most facilities reporting stack emissions to TRI are required to have permits for the control of those emissions.

Based on the amount of fugitive and stack emissions reported, the total amount of releases to the air of all TRI chemicals was approximately 16.50 million pounds, which accounted for 54.09 percent of the total on-site releases to all media (air, water, and land). Ten TRI chemicals released to the air made up approximately 80.75 percent of the total reported TRI air emissions in 2017 (See Figure 3). Those ten TRI chemicals were: methanol, ammonia, hydrochloric acid, hydrogen sulfide, toluene, sulfuric acid, certain glycol ethers, ethylene glycol, styrene, and acetaldehyde. Most reported acid aerosols such as hydrochloric acid and sulfuric acid were reported as generated during the combustion of coal or oil. Electric power generating facilities contributed to the emissions of acid aerosols. Ammonia, methanol, and toluene continued to be the air pollutants reported primarily from the manufacturing sector.

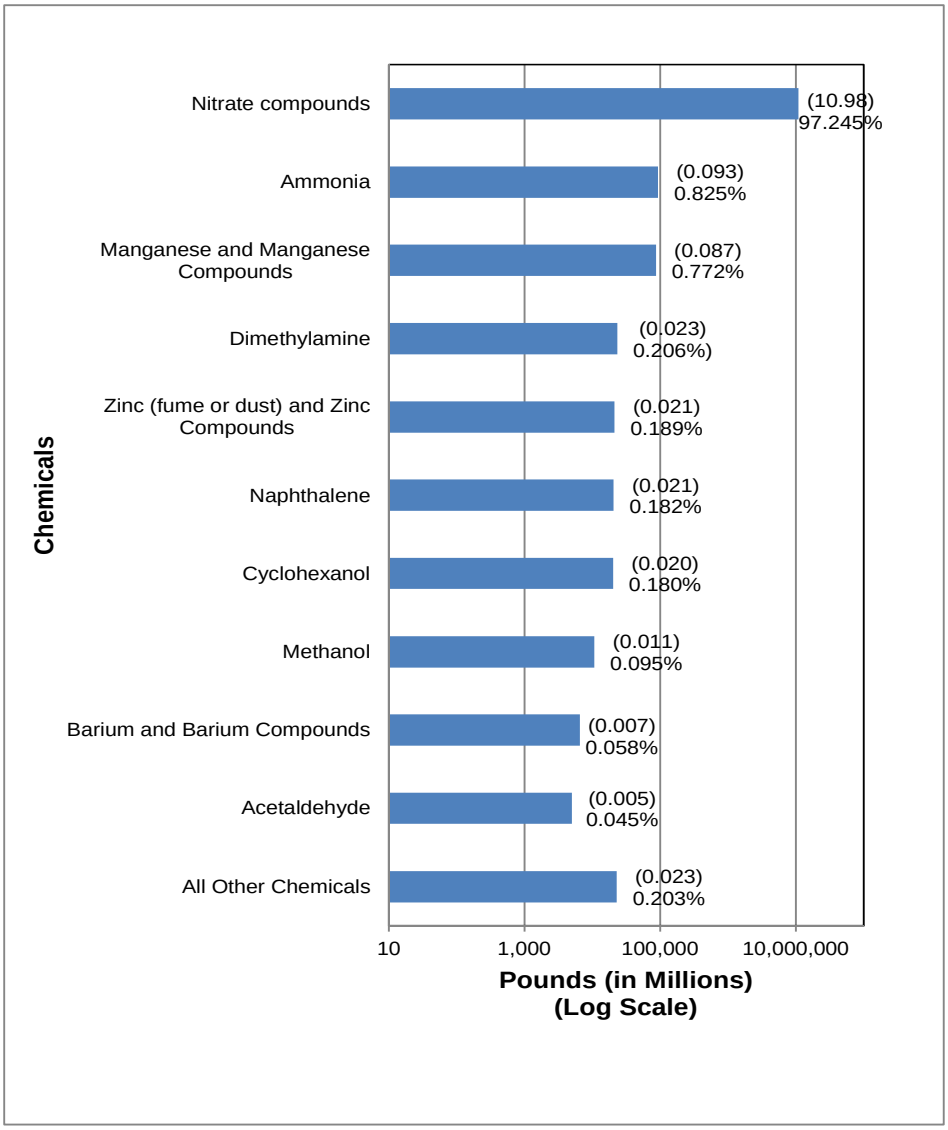
Figure 3. Top Ten TRI Chemicals Released to the Air On-Site in 2017 (From Section 5 of Form R. The number next to each bar is the percent of total air releases for all 2017 chemicals reported.)



On-Site Releases to Water

On-site releases to water include discharges to surface waters, such as rivers, lakes, ponds, and streams. These discharges are often from VPDES permitted outfalls. Reported on-site releases of TRI chemicals to water in 2017 totaled approximately 11.29 million pounds and accounted for 37.07 percent of all on-site releases to the air, water, and land in 2017. Ten chemicals and chemical categories accounted for more than 99.80 percent of the on-site TRI chemical releases to the water. Those ten TRI chemicals were: nitrate compounds (97.25 percent of total releases to water), ammonia, manganese and manganese compounds, dimethylamine, zinc and zinc compounds, naphthalene, cyclohexanol, methanol, barium and barium compounds, acetaldehyde. Nitrate compounds are a common byproduct of industrial wastewater treatment processes and have consistently been reported as the chemical released in the highest quantity to surface water.

Figure 4. Top Ten TRI Chemicals Released to Water On-Site in 2017 (From Section 5 of Form R. The information presented here is in logarithmic, base 10 scale, which compresses the bar chart to show up to 450-fold magnitudes of the difference between nitrate compounds and other chemicals. The number by the bars represents the quantity in millions of pounds followed by percent of total reported releases to water.)

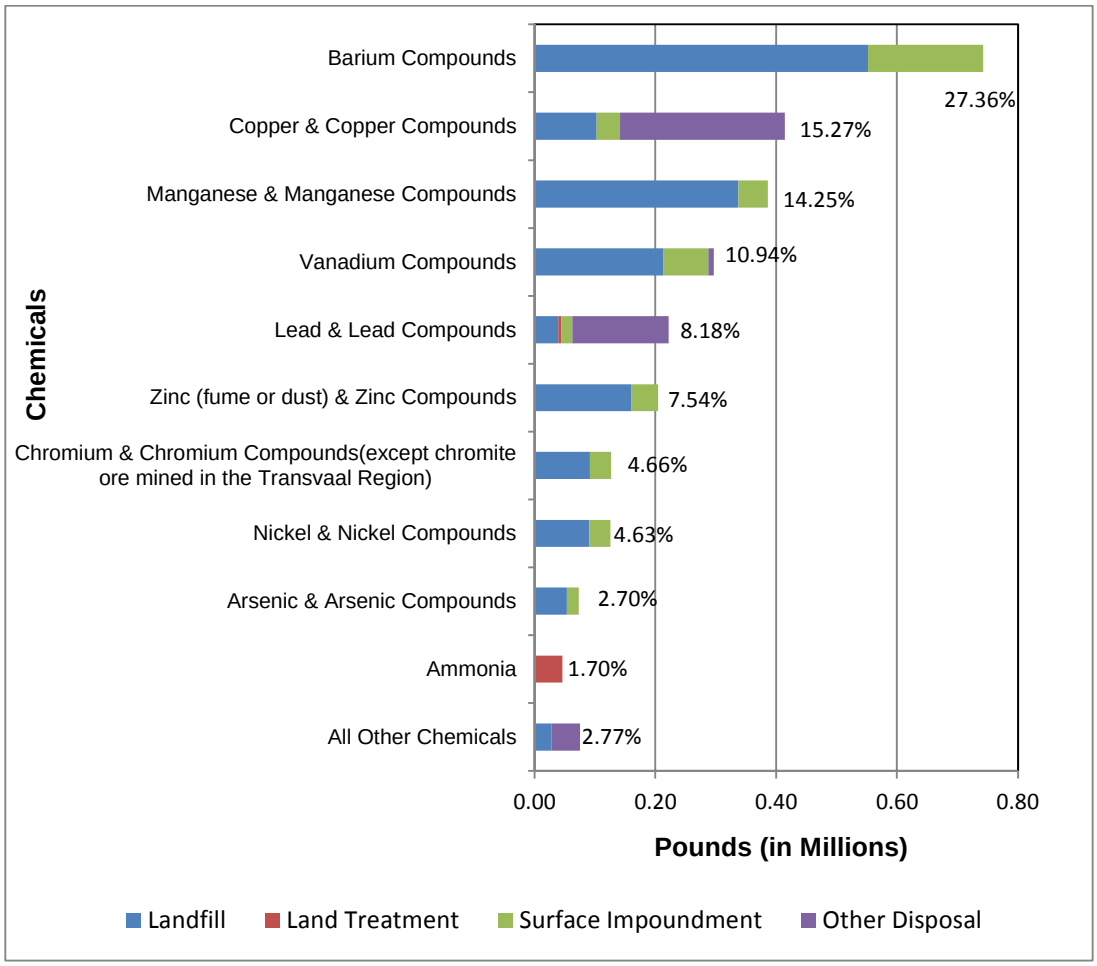


On-Site Releases to the Land

On-site releases to the land refer to land filling, surface impoundment, land treatment/application farming, or any other release of a TRI chemical to land within the boundaries of a facility. Virginia does not permit underground injection as a method of hazardous waste disposal (nor was any reported) and no underground injection or RCRA Subtitle C permitted land disposal of TRI chemicals was reported in 2017.

The total amount of TRI chemicals released to the land in Virginia during 2017 was approximately 2.71 million pounds, which accounted for 8.89 percent of all reported on-site TRI releases (releases to the air, water, and land). Ten TRI chemicals constituted approximately 97.23 percent of all of the TRI chemicals released to the land. They were: barium compounds, copper and copper compounds, manganese and manganese compounds, vanadium compounds, lead and lead compounds, zinc and zinc compounds, chromium and chromium compounds, nickel and nickel compounds, arsenic and arsenic compounds, and ammonia (Figure 5). Metals and metal compounds such as barium are found naturally in coal combusted for energy generation and in the ashes remaining after combustion of the coal.

Figure 5. Top Ten TRI Chemicals Released On-Site to the Land in 2017 (From Section 5 of Form R. The number next to each bar is the percent of total on-site land releases for all 2017 reported.)

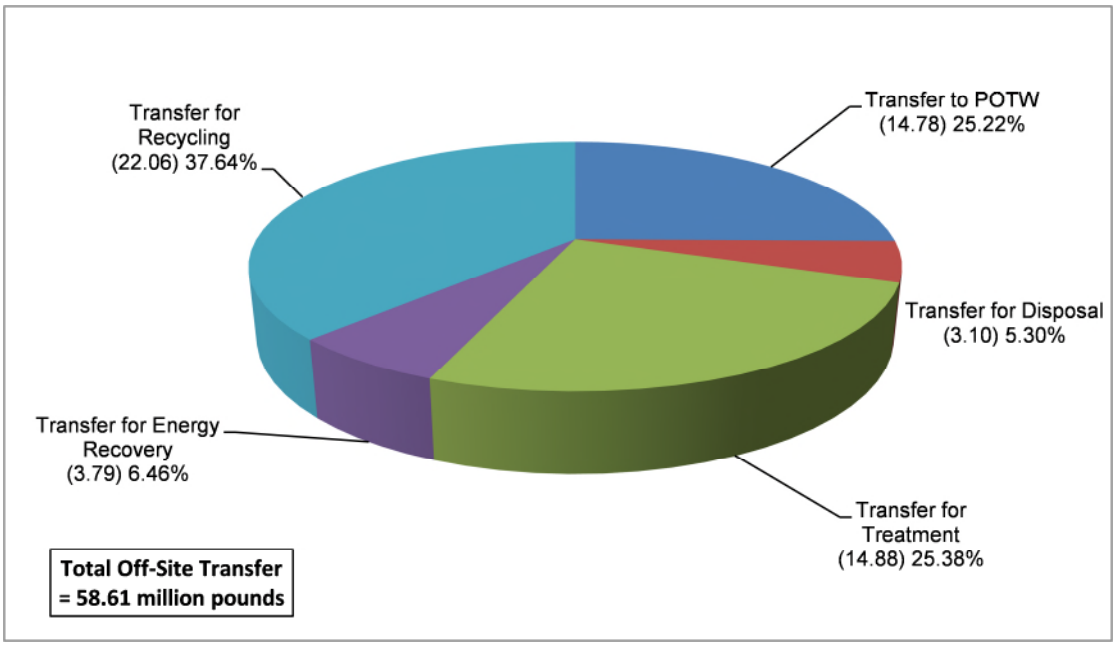


Part Three - Off-Site Transfers

Transfers refer to TRI chemicals sent off-site. Transfers are reported as transfers to POTWs or other off-site destinations, such as incinerators, landfills, or other facilities for treatment, recycling, energy recovery, or disposal which are not part of the reporting facility.

In this section, data were collected from Section 6 of Form R. For 2017, approximately 58.61 million pounds of TRI chemicals were reported as sent off-site for further management or disposal.

Figure 6. All Off-Site Transfers of TRI Chemicals for Reporting Year 2017(From Section 6 of Form R. The number inside the parentheses is the quantity of transfers in each category in millions of pounds and the percent figure is the percent of total transfers.)

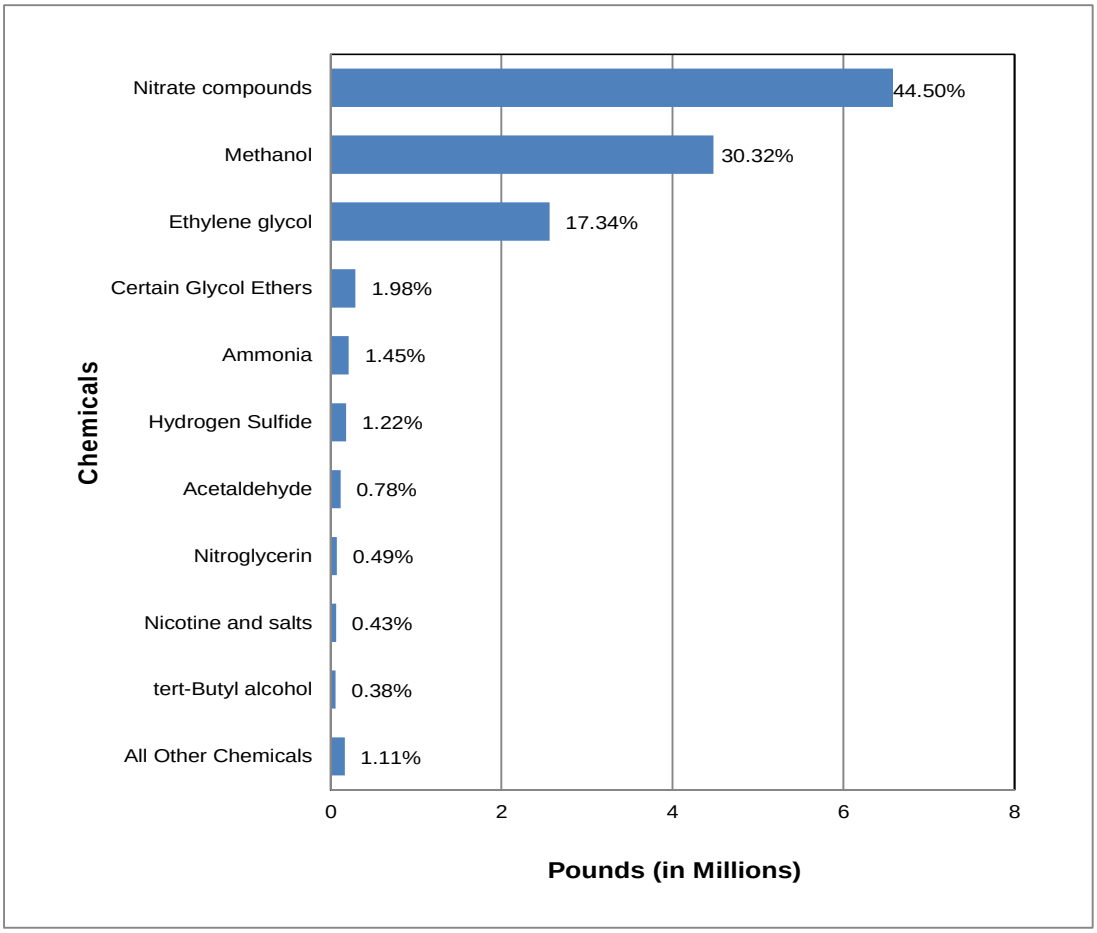


Transfers to Publicly Owned Treatment Works

A POTW is a wastewater treatment facility which is owned by a state or local government. Wastewater from facilities reporting under TRI is transferred through pipes or sewers to the POTW. The TRI information summarized below reports transfers of a chemical to a POTW; however, a transfer to a POTW is not necessarily the same as the release of a chemical to the environment. TRI chemicals may be treated, destroyed, and/or removed from the environment in a POTW's physical, chemical, and biological treatment processes. Some TRI chemicals are almost completely destroyed by a POTW. However, not all chemicals can be treated or removed by a POTW. Some chemicals such as metals and metal compounds may be removed but not destroyed. These metals may ultimately be disposed of in a permitted landfill, disposed of in a permitted land application process, or released through a permitted discharge to receiving waters.

Ten TRI chemicals accounted for approximately 98.89 percent, or 14.62 million pounds of the approximately 14.78 million pounds of TRI chemicals transferred to POTWs in reporting year 2017. Nitrate compounds were the leading pollutant discharged to POTWs for treatment for the current reporting period. The other nine top-reported TRI chemicals transferred to POTWs were: methanol, ethylene glycol, certain glycol ethers, ammonia, hydrogen sulfide, acetaldehyde, nitroglycerin, nicotine and salts and tert-butyl alcohol.

Figure 7. Top Ten TRI Chemicals Transferred to Publicly Owned Treatment Works (POTWs) in 2017 (From Section 6.1 of the Form R. The number next to each bar is the percent of total transfers to POTWs.)

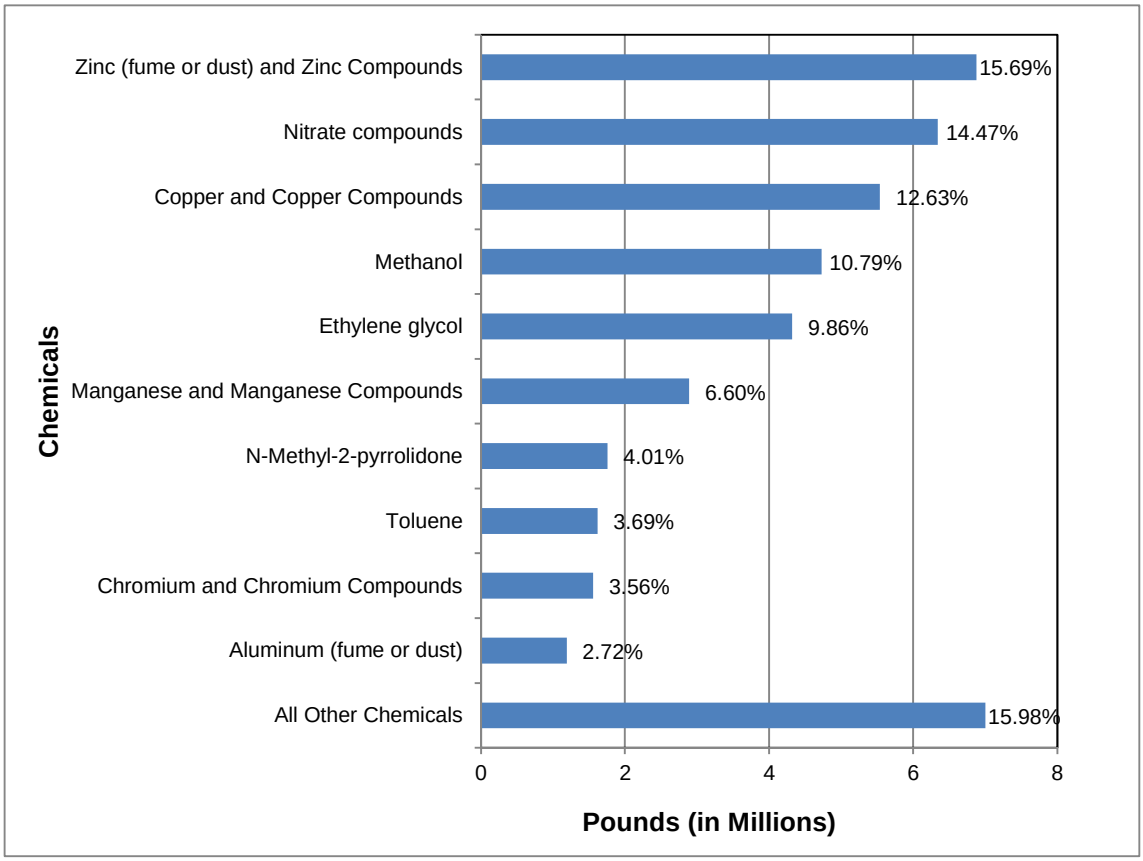


Transfers to Other Off-Site Locations

The Form R also reports transfers of TRI chemicals to facilities other than POTWs. These off-site locations include incinerators, landfills, other treatment, energy recovery, recycling, and/or disposal facilities. Off-site transfers can be to facilities located inside or outside of the Commonwealth.

In 2017, the total amount of TRI chemicals transferred to other off-site locations was approximately 43.83 million pounds. Ten TRI chemicals represented approximately 84.02 percent of the total TRI chemicals transferred off-site to locations other than POTWs. Those ten TRI chemicals and chemical categories transferred off-site to locations other than POTWs in reporting year 2017 were: zinc and zinc compounds, nitrate compounds, copper and copper compounds, methanol, ethylene glycol, manganese and manganese compounds, n-methyl-2-pyrrolidone, toluene, chromium and chromium compounds, and aluminum (fumes or dust).

Figure 8. Top Ten TRI Chemicals Transferred to Off-Site Locations Other than POTWs in 2017
(From Section 6.2 of the Form R. The number next to each bar is the percent of total transfers to other off-site locations.)



Part Four - On-Site and Off-Site Management

Under the Pollution Prevention Act of 1990, facilities subject to EPCRA Section 313 must report their source reduction and recycling activities. Consequently, EPA added Section 8 to the Form R to track production-related activities. Section 8 contains 11 subsections and requires facilities to extract and re-aggregate data reported in Sections 5 through 7 into releases (on-site and off-site releases to the environment); off-site transfers/management; and on-site management categories. This part of Chapter One discusses all of the data included in Section 8 to track production-related activities so the relative methods of toxic chemical management can be compared.

Some of the data and information reported in Sections 5, 6 and 7 are handled differently for Section 8 reporting. The differences are the releases-to-the-environment data in Section 8 exclude catastrophic releases and one-time events not associated with the production process. Furthermore, metal and metal compounds reported as transfers for off-site management in Section 6 are aggregated with the on-site release data from Section 5 as releases to the environment. Metal and metal compounds cannot be destroyed through treatment; hence, their final disposal is considered a release to the environment. There are other differences in how quantities are reported, so the total toxics managed, as reported in Section 8, do not precisely match the total in Table 1. Also, Section 8 is the only part of the Form R which contains quantitative data on on-site waste management activities other than releases. While Section 7 contains qualitative information about on-site management practices, a subsection of Section 8 asks for quantitative data related to information reported in Section 7.

Consistent with the pollution prevention goal, Section 8 of Form R and its subsections also report additional information which addresses resource reduction efforts. In general, facilities utilize several options to manage TRI chemicals. Treatment of waste, both on-site and off-site, involves a variety of methods, including biological treatment, neutralization, incineration, and physical separation. Another option is on-site or off-site recycling. On-site or off-site recycling involves the toxic chemicals in waste being recovered or reclaimed and being returned for further processing or being made available for use in commerce. Energy recovery involves the combustion of toxic chemicals in industrial furnaces or boilers which generate energy for on-site or off-site use. The least preferable and last management option is disposal, which is considered a release to the environment.

As reported in Section 8 of the 2017 facility reports, 899.96 million pounds of production-related TRI chemicals were released, treated, recycled, or recovered both on-site and off-site from Virginia facilities. Approximately 90.10 percent of the TRI chemicals were managed on-site and 3.39 percent of the TRI chemicals were released into the environment on-site. About 6.51 percent of the TRI chemicals were transferred off-site to be managed by various means.

Chapter Two - 2017 TRI Data for PBT Chemicals

Persistent bio-accumulative toxic chemicals are those which remain in the environment for long periods of time, are not readily destroyed, and build up or accumulate in body tissue. Because of these characteristics, beginning with reporting year 2000, EPA added several PBT chemicals to the TRI reporting list and lowered the reporting thresholds for 18 PBT chemicals and chemical categories.

For reporting year 2017, DEQ received 290 reports and revisions for PBT chemicals, out of a total of 1,328 TRI reports and revisions (21.84 percent). Table 2 shows the reporting thresholds for the TRI PBTs. The table also shows that 12 of the 20 PBTs were reported as released, transferred, or managed by facilities in Virginia for reporting year 2017. Appendix G has facility-specific information for PBT chemicals.

Table 2. TRI Reporting Year 2017 Persistent Bio-accumulative Toxic Chemicals - Reporting Thresholds and Number of Reports Received

CAS Number	Chemical /Chemical Category Name	Reporting Threshold	Reports Received
309-00-2	Aldrin	100 lbs.	0
191-24-2	Benzo(g,h,i)perylene	10 lbs.	**22**
57-74-9	Chlordane	10 lbs.	**1**
N150	Dioxin and Dioxin-Like Compounds	0.1 gram	**20**
76-44-8	Heptachlor	10 lbs.	**1**
118-74-1	Hexachlorobenzene	10 lbs.	0
465-73-6	Isodrin	10 lbs.	0
7439-92-1	Lead	100 lbs.	**101**
N420	Lead Compounds	100 lbs.	**81**
7439-97-6	Mercury	10 lbs.	**5**
N458	Mercury Compounds	10 lbs.	**20**
72-43-5	Methoxychlor	100 lbs.	**1**
29082-74-4	Octochlorostyrene	10 lbs.	0
40487-42-1	Pendimethalin	100 lbs.	0
608-93-5	Pentachlorobenzene	10 lbs.	0
1336-36-3	Polychlorinated biphenyls (PCBs)	10 lbs.	**1**
N590	Polycyclic aromatic compounds (PACs)	100 lbs.	**36**
79-94-7	Tetrabromobisphenol A (TBBPA)	100 lbs.	**1**
8001-35-2	Toxaphene	10 lbs.	0
1582-09-8	Trifluralin	100 lbs.	0

Table 3 provides an overview and summary of 2017 PBT data. The data are organized as in Table 1, Chapter 1. In order to avoid duplicate counting, data extracted and re-aggregated in Section 8 from Sections 5 and 6 of Form R have not been included as "On-Site Management" in Table 3.

Table 3. Summary of Data by Type of Release, Transfer and On-Site Management for PBT Chemicals (Dioxin and dioxin-like compounds are listed separately from the "Other PBT Chemicals" column because they were reported in grams, while the other PBT chemicals were reported in pounds. A conversion to pounds is shown adjacent to the reported number of dioxins in grams.)

On-Site Releases By Media	**Dioxin and Dioxin-Like Compounds*** in amounts for the year		**Other PBT chemicals** in amounts for the year
(Section 5 of Form R)	Grams (g)	Pounds (lbs)	Pounds (lbs)
Total Air	10.94	2.41E-02	17,441.36
Fugitive Air	0.02	5.49E-05	6,568.94
Stack Air	10.91	2.41E-02	10,872.42
Water	2.25	4.96E-03	5,046.30
Land	1.26	2.78E-03	223,045.18
Total On-Site Releases to Media	**14.45**	**3.19E-02**	**245,532.85**
Off-Site Transfers By Type (Section 6 of Form R)			
Publicly Owned Treatment Works (POTWs) (includes metals and metal compounds)	0.00	0.00E+00	668.02
Total Other Off-Site Transfers	13.86	3.06E-02	756,727.53
Off-Site Transfers for Recycling	0.17	3.64E-04	645,049.70
Off-Site Transfers for Energy Recovery	0.00	0.00E+00	2,610.27
Off-Site Transfers for Other Treatment	0.00	0.00E+00	1,573.72
Off-Site Transfers for Disposal	13.70	3.02E-02	107,493.84
Total Off-Site Transfers	**13.86**	**3.06E-02**	**757,395.54**
On-Site Management (Section 8 of Form R)			
Treated On-Site	0	0.00E+00	8.10
Recycled On-Site	0	0.00E+00	86,611.26
Energy Recovery On-Site	0	0.00E+00	0.00
Total On-Site Management	**0**	**0.00E+00**	**86,619.36**

Total PBT Chemicals Released On-site, Transferred Off-site, and Managed On-site by Reporting Facilities	**28.31**	**0.06**	**1,089,547.75**

* Facilities are allowed to report PBT chemicals up to 7 decimal places of accuracy. For presentation purposes the summary amounts in this table have been rounded; however, the integrity of facility reported data has been maintained in the database. The specific data reported by each facility are provided in Appendix G.

Comparing Table 3 (PBT information) to Table 1 (information on all TRI chemicals), the amount of reported PBTs released on-site (245,533 pounds) was approximately 0.80 percent of the total TRI chemicals released on-site to the environment. The reported PBTs managed on-site (86,619 pounds) were less than one percent (0.01 percent) of the total TRI chemicals managed on-site. The reported PBTs transferred off-site for treatment, recycling, energy recovery, or disposal (757,396 pounds) were approximately 1.29 percent of the total TRI chemicals transferred off-site. In 2016, the previous reporting year, the on-site releases of PBT contributed to 0.53 percent of the total releases, 0.02 percent of on-site management, and 1.16 percent of off-site transfers.

Information on the amounts of each individual chemical or chemical category released on-site, transferred off-site, and managed on-site for the twelve PBT chemicals reported by Virginia facilities is provided in Table 4.

Table 4. Reporting Year 2017 Amounts of TRI PBT Chemicals Released On-Site, Transferred Off-Site, and Managed On-Site by PBT (Dioxin and Dioxin-like compounds have been converted to pounds and included in the totals.)

Chemical Name	Released On-Site (in pounds)	Transferred Off-Site (in pounds)	Managed On-Site (in pounds)
Benzo(g,h,i)perylene	9.97	1,050.77	1,610.90
Chlordane	0.00	500.00	0.00
Dioxin and Dioxin-Like Compounds	0.03	0.03	0.00
Heptachlor	0.00	100.00	0.00
Lead	112,783.82	174,465.78	60.48
Lead Compounds	130,090.75	569,072.94	14.50
Mercury	6.26	61.67	0.00
Mercury Compounds	1,444.65	156.52	0.00
Methoxychlor	0.00	100.00	0.00
Polychlorinated biphenyls	0.00	62.62	0.00
Polycyclic aromatic compounds (PACs)	1,197.39	11,535.25	84,933.48
Tetrabromobisphenol A	0.00	290.00	0.00
Total for all 12 chemical/categories	**245,532.88**	**757,395.57**	**86,619.36**

Of the PBTs listed in Table 4, lead, lead compounds, and PACs represented the most reported on-site releases to the environment, off-site transfers, and on-site management of PBT chemicals. Lead and lead compounds contributed to the bulk (98.92 percent) of the PBT on-site releases. Referring to Figure 5 in Chapter 1, lead and lead compounds ranked fifth in chemicals released on site to land in Virginia. Releases of lead and lead compounds and mercury and mercury compounds to the air (via stacks) or to the land (through fly ash disposal) can result from coal or oil combustion. PACs may form as a result of incomplete combustion of coal or oil or as a by-product of other industrial processes. PACs found in the waste stream can contain adequate British thermal units (BTUs) for energy recovery from incinerated waste.

Table 5 data show the distribution of PBTs versus reported activities (manufacturing, processing, or otherwise use). A facility may report more than one type of activity for a single TRI chemical.

Table 5. Activities and Uses of PBT chemicals at facilities (From Section 3 of the Form R) for 2017

Chemical Name	Manufacturing Only	Processing Only	Otherwise Use Only	Both Manufacturing & Processing	Both Manufacturing & Otherwise Use	Both Processing & Otherwise Use	Manufacturing & Processing & Otherwise Use
Benzo(g,h,i)perylene	6	8	2	4	2	0	3
Chlordane	0	1	0	0	0	0	0
Dioxin and Dioxin-Like Compounds	36	1	0	1	0	0	0
Heptachlor	0	0	0	0	0	1	0
Lead	0	65	25	5	2	5	3
Lead Compounds	12	28	17	9	10	1	10
Mercury	0	2	1	0	1	1	0
Mercury Compounds	6	4	1	3	5	0	4
Methoxychlor	0	1	0	0	0	0	0
Polychlorinated biphenyls	0	0	1	0	0	0	0
Polycyclic aromatic compounds (PACs)	6	10	6	5	8	0	4
Tetrabromobisphenol A	0	1	0	0	0	0	0
Total for all 12 chemicals/categories	66	120	53	27	28	8	24

Table 5 shows “processing only” was the most frequently reported activity (120) involving PBT chemicals. "Processing only" was followed by “manufacturing only” (66) and “otherwise use only" (53). The major industrial sectors which reported processing of lead or lead compounds were the furniture and fixture industries; stone, clay, glass, and concrete products industries; primary metal and fabricated metal products industries; electronic or electrical equipment manufacturers; petroleum bulk plant operators; and manufacturer of transportation equipment. Dioxin and dioxin-like compounds are normally a product of incomplete combustion of waste streams containing chlorinated products. Lead or lead compounds can be co-manufactured under chemical manufacturing processes or as a by-product of fuel (coal or fuel oil) combustion. Industries such as primary metal; stone, clay, and glass products; transportation equipment manufacturers; electric power generation facilities; solvent recovery facilities; and paper and allied products industries were key reporters of lead compounds and mercury compounds in all three (manufacturing, processing, and otherwise used) activities.

Chapter Three – Industrial Sectors, Facilities and Locations

In this chapter, data are presented by industrial sectors, as identified by the primary North American Industry Classification System Code (Part One), facilities (Part Two), and facility locations (Part Three). The chapter identifies the top ten Virginia industrial sectors, facilities, and facility locations (also referred to as jurisdictions) based on the reported on-site releases and the total on-site management of TRI chemicals.

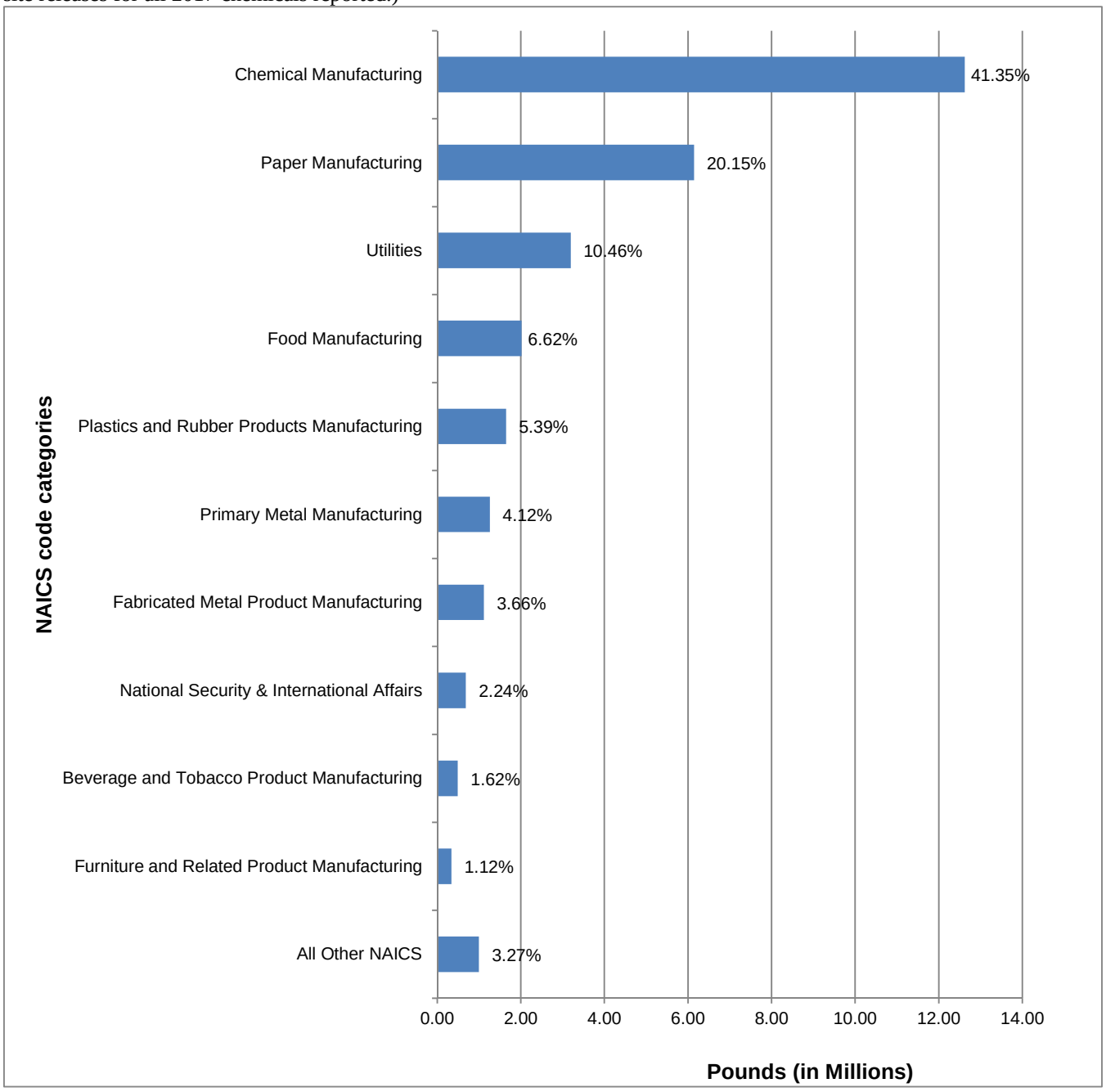
As with Table 1 (Chapter 1) and Table 3 (Chapter 2), in order to avoid double counting, the data in this chapter for on-site management do not include the data extracted and re-aggregated from Sections 5 and 6 of Form R. Complete rankings of industrial sectors, facilities, and jurisdictions are included in Appendices H, I and J.

Part One - Industrial Sectors

Industrial Sectors Reporting On-Site Releases of TRI Chemicals

Twenty-six industrial sectors, including federal facilities, are subject to TRI reporting requirements (see Appendix C). The three industrial sectors reporting the most on-site releases of TRI chemicals for 2017, based on the primary North American Industrial Classification System (NAICS) Code, were: chemical manufacturing; paper manufacturing; and utilities (electric, gas, and sanitary services). These three sectors contributed to 71.96 percent of the total on-site releases to the environment. The remaining top ten industrial sectors for 2017 were: food manufacturing, plastics and rubber manufacturing, primary metal manufacturing, fabricated metal product manufacturing, national security and international relations, beverage and tobacco product manufacturing, and furniture and related product manufacturing. A complete ranking of industrial sectors reporting on-site TRI releases is provided in Appendix H-1.

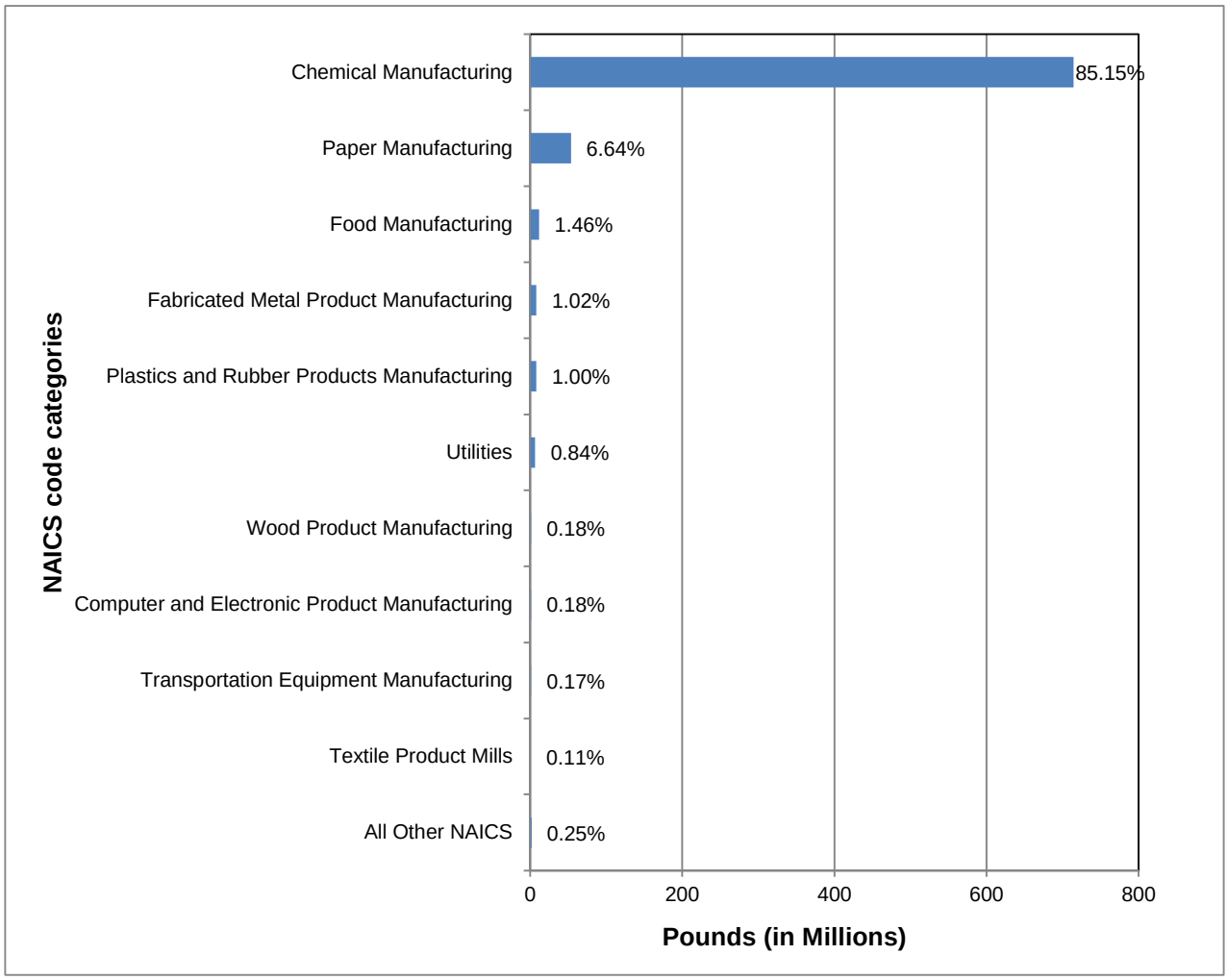
Figure 9. Top 10 Reporting Industrial Sectors (based on NAICS codes) Releasing TRI Chemicals On-Site in Virginia for 2017 (From Section 5 of the Form R. The number next to each bar is the percent of total on-site releases for all 2017 chemicals reported.)



Industrial Sectors Reporting On-Site Management of TRI Chemicals

The three industrial sectors reporting the most on-site management of TRI chemicals (see Figure 10) for 2017 based on the primary NAICS Code were: chemical manufacturing, paper manufacturing, and food manufacturing. These three sectors contributed to 96.24 percent of the total of on-site management of TRI chemicals. The remaining top ten industrial sectors for 2017 were: fabricated metal products manufacturing, plastics and rubber manufacturing, utilities, wood product manufacturing, computer and electronics manufacturing, transportation equipment manufacturing, and textile product mills. A complete ranking of industrial sectors reporting on-site TRI management is provided in Appendix H-2.

Figure 10. Top 10 Reporting Industrial Sectors (based on NAICS codes) Managing TRI Chemicals On-Site in Virginia for 2017 (From Section 8 of the Form R. The number next to each bar is the percent total of on-site management for all 2017 chemicals reported. Figure 10 does not include the data extracted and re-aggregated from Sections 5 and 6 of Form R.)



Part Two - Facilities

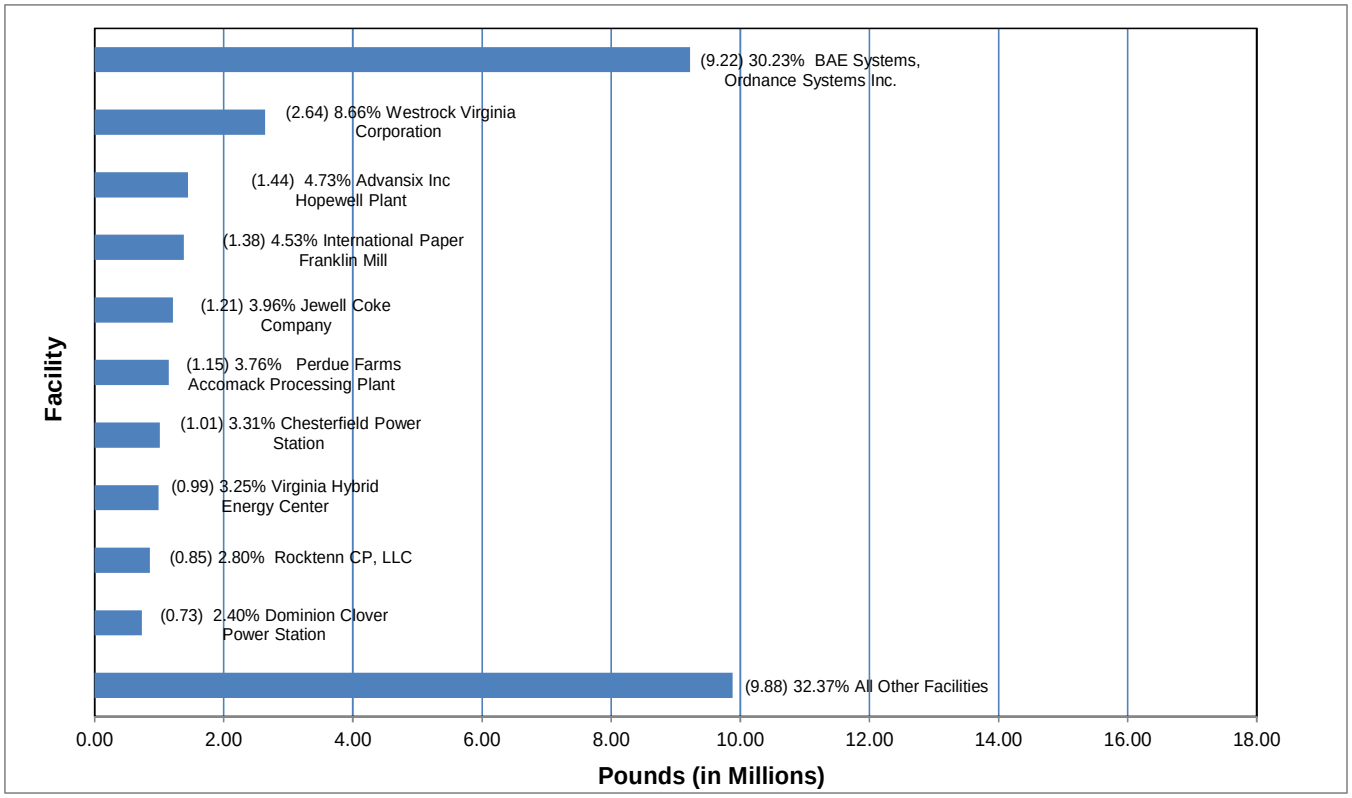
Facilities Reporting On-Site Releases of TRI Chemicals

Virginia facilities that reported the highest contributions to the on-site release of TRI chemicals to the air (fugitive and stack), water, and land in 2017 were:

- BAE Systems, Ordnance Systems Inc.- Radford, Montgomery County
- Westrock Virginia Corporation - City of Covington
- Advansix Inc. - Hopewell Plant - City of Hopewell
- International Paper Franklin Mill - City of Franklin
- Jewell Coke Co L.P. - Buchanan County
- Perdue Farms Accomack Processing Plant - Accomack County
- Chesterfield Power Station - Chester, Chesterfield County
- Virginia City Hybrid Energy Center - Wise County
- Rocktenn CP, LLC - West Point, King William County
- Dominion Clover Power Station - Clover, Halifax County

These facilities accounted for 67.62 percent (20.63 million pounds) of all reported TRI releases for 2017. Of the ten facilities, three are power generation facilities; three are paper manufacturing facilities; two are chemical manufacturing facilities; one is a food processing facility; and one is a petroleum and coal products manufacturing facility. Figure 11 shows the quantity of TRI chemicals each of these facilities released in Virginia in 2017. See Appendix I-1 for a complete ranking of on-site releases by facility.

Figure 11. 2017 Top Ten Virginia Facilities Reporting Releases of TRI Chemicals On-Site (From Section 5 of Form R. The numbers next to each bar are the total on-site releases (in millions of pounds), in the parentheses and the percent of total on-site releases for all 2017 chemicals reported for each facility.)



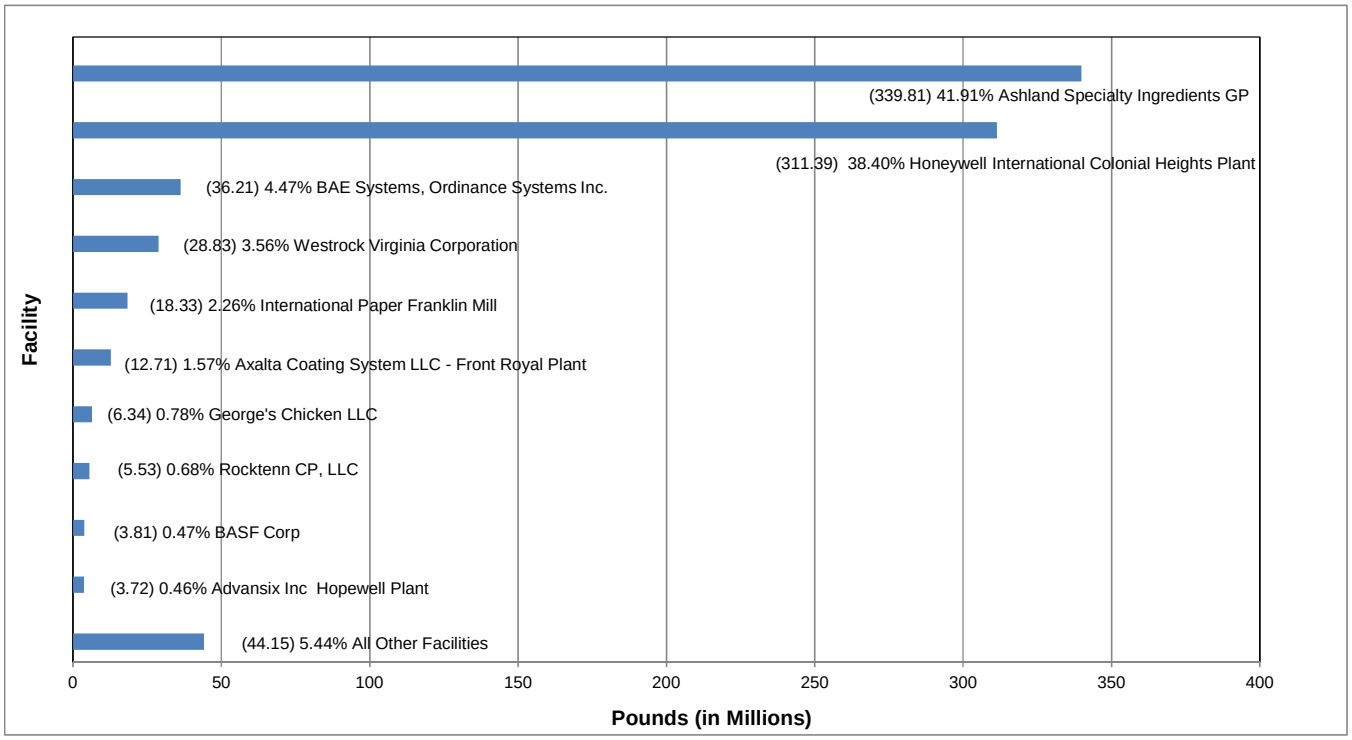
Facilities Reporting On-Site Management of TRI Chemicals

Figure 12 shows the ten Virginia facilities reporting management of the greatest quantity of TRI chemicals on-site in 2017 other than releases. These facilities were:

- Ashland Specialty Ingredients GP - City of Hopewell
- Honeywell International Colonial Heights Plant - City of Colonial Heights
- BAE Systems, Ordinance Systems Inc. - Radford, Montgomery County
- Westrock Virginia Corporation - City of Covington
- International Paper Franklin Mill - City of Franklin
- Axalta Coating Systems, LLC - Front Royal Plant - Front Royal, Warren County
- George's Chicken LLC - Edinburg, Shenandoah County
- Rocktenn CP, LLC - West Point, King William County
- BASF Corporation - City of Suffolk
- Advansix, Inc. Hopewell Plant – City of Hopewell

These facilities accounted for approximately 94.56 percent (766.69 million pounds) of all reported on-site management (other than releases) in 2017. Figure 12 shows the quantity of TRI chemicals each of these facilities managed on-site in Virginia in 2017. Of the ten facilities, six are chemical manufacturing facilities; three are paper manufacturing facilities; and one is a food manufacturing facility. See Appendix I-2 for a ranking of on-site management by facility.

Figure 12: 2017 Top Ten Virginia Facilities Managing TRI Chemicals On-Site, Other than Releases (From Section 8 of the Form R. The number next to each bar is the total on-site management (in millions of pounds) for each facility, in the parentheses, and the percent of total on-site management of TRI chemicals for each facility. This figure does not include the data extracted and re-aggregated from Sections 5 and 6 of Form R.)



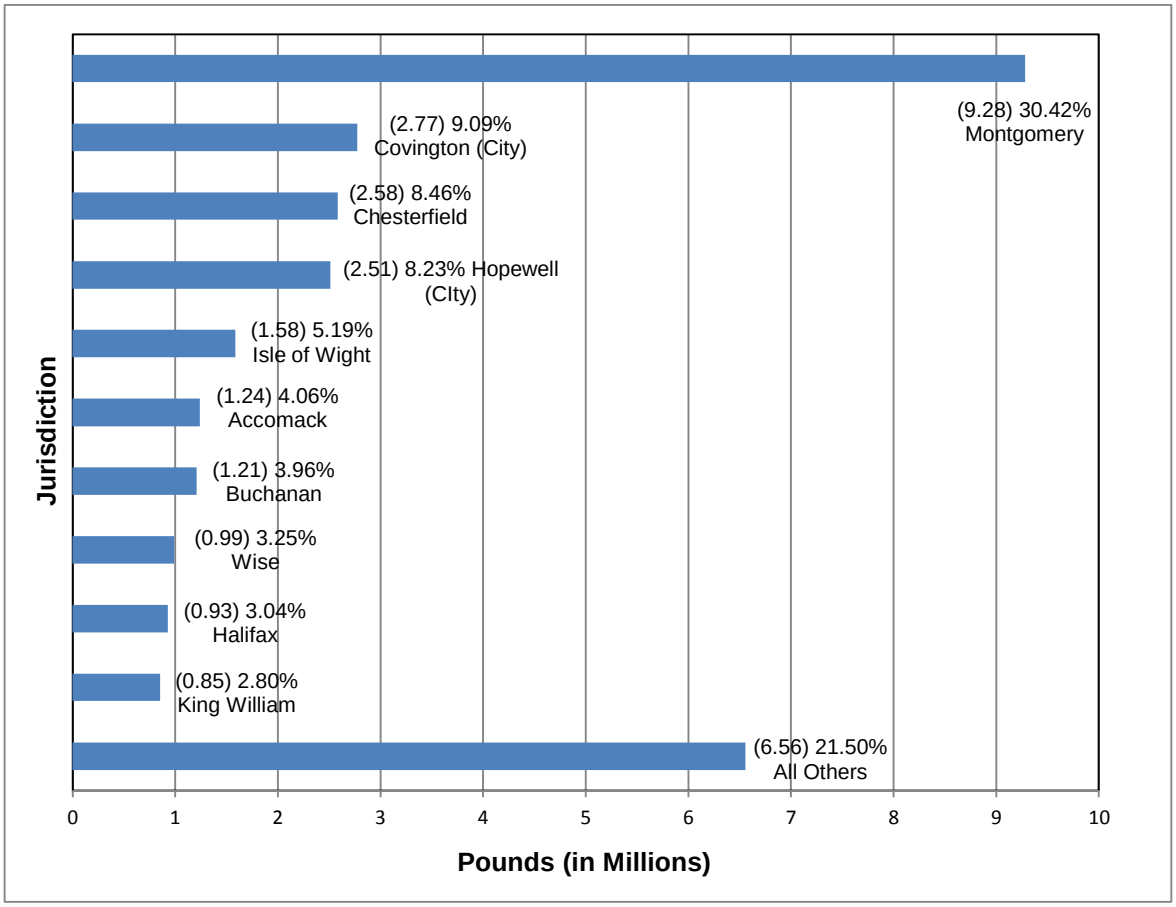
Part Three - Jurisdictions

Jurisdictions with Facilities Reporting On-Site Releases of TRI Chemicals

The Virginia jurisdictions (counties and independent cities) with facilities having the largest reported amount of total TRI chemicals released on-site to the environment (air, water, and land) in 2017 were: Montgomery County, City of Covington, Chesterfield County, City of Hopewell, Isle of Wight County, Accomack County, Buchanan County, Wise County, Halifax County, and King William County. The reported on-site releases occurring within these jurisdictions comprised 78.51 percent (23.95 million pounds) of the total TRI chemicals released on-site into the Virginia environment by reporting facilities in Virginia.

Appendix J-1 contains a ranking of jurisdictions by the on-site releases of facilities located in each jurisdiction. Furthermore, Appendices F and G contain detailed information about facilities located in these jurisdictions.

Figure 13. 2017 Top Ten Virginia Jurisdictions for On-Site TRI Releases Reported by Facilities
(From Section 5 of the Form R. The number next to each bar represents the total on-site releases (in millions of pounds), in the parentheses, and the percent of the total on-site releases for each jurisdiction.)

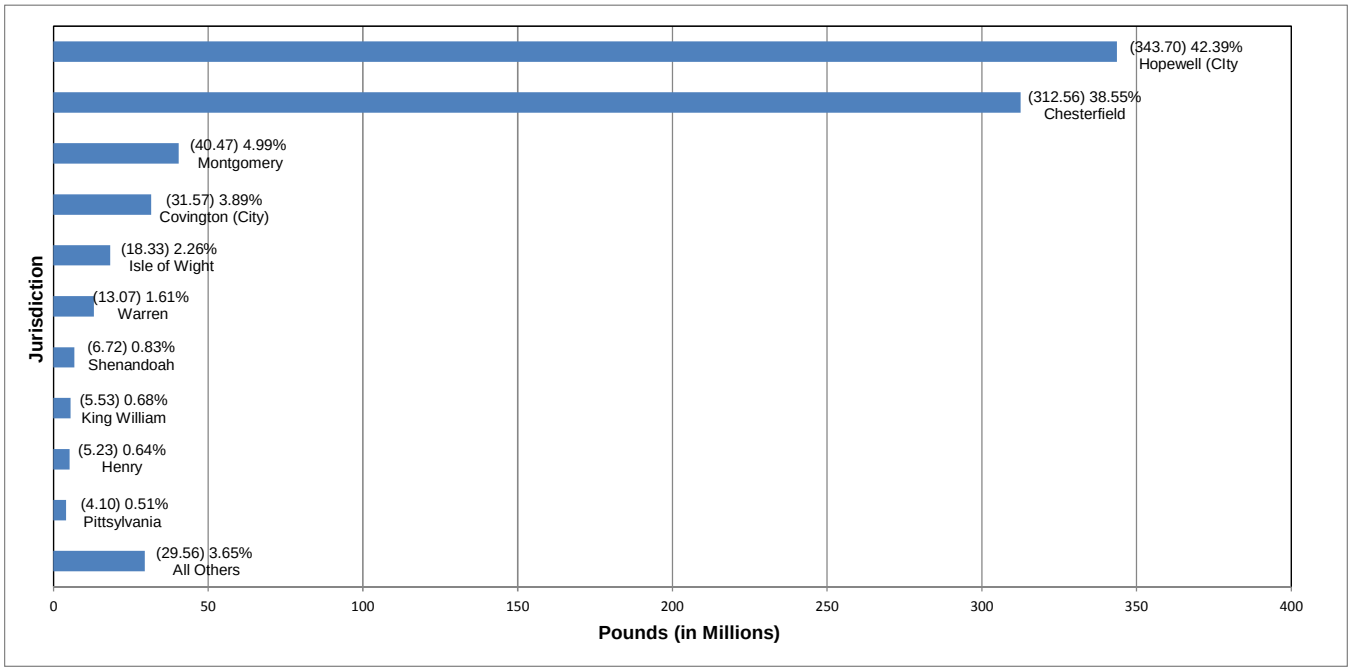


Jurisdictions with Facilities Reporting Other On-site Management of TRI Chemicals

The Virginia jurisdictions with facilities having the largest total reportable TRI chemicals managed on-site (other than releases) were: City of Hopewell, Chesterfield County, Montgomery County, City of Covington, Isle of Wight County, Warren County, Shenandoah County, King William County, Henry County, and Pittsylvania County. The on-site management of these chemicals in these jurisdictions comprised 96.35 percent (781.28 million pounds) of total TRI chemicals managed on-site (other than releases) by reporting facilities in Virginia.

Appendix J-2 contains a ranking of jurisdictions by the on-site management of facilities located there. Furthermore, Appendices F and G contain detailed information about facilities located in these jurisdictions.

Figure 14. 2017 Top Ten Virginia Jurisdictions for TRI Chemicals Managed On-Site as Reported by Facilities: (From Section 8 of the Form R. The number next to each bar is the total on-site management (in millions of pounds), in the parentheses, and the percent of the total of TRI chemicals managed on-site for each jurisdiction. Figure 14 does not include the data extracted and re-aggregated from Sections 5 and 6 of Form R.)



Chapter Four – Virginia TRI Historical Comparison

Since its inception, the TRI program has been expanding and evolving, providing more information to the public about the presence and release of toxic and hazardous chemicals in communities. Over the past 30 years, various regulatory changes have occurred. In addition, facilities are authorized to revise reports from previous years. Allowing facilities to submit revised reports for previous years makes direct comparison of current data to historical reports difficult and potentially misleading. Appendix E provides further information about the changes in reporting requirements and sets out limited historical data which have been standardized.[3]

Nevertheless, reporting years 2015, 2016, and 2017 are generally comparable and Chapter Four presents data for those three years. All revisions for these reporting years received on or before January 7, 2019, have been incorporated.

Table 6 compares TRI data for reporting years 2015 to 2017 by type of release, transfer, and on-site management.

For reporting year 2017 the total amount of on-site releases shows a decrease from the corresponding amount for reporting year 2016, off-site transfers decreased, and on-site management increased from the corresponding amounts for reporting year 2016. From 2016 to 2017 the total TRI chemicals released on-site, transferred off-site, or managed on-site decreased by 1.00 percent.

Table 6 shows the changes with respect to on-site releases from reporting year 2016 to 2017, including a 13.17 percent decrease in on-site releases to air, a 16.75 percent decrease in on-site releases to water, and a 17.94 percent decrease in on-site releases to land. There was an overall decrease of 14.83 percent for on-site releases from 2016 to 2017.

Table 6 also shows that the on-site management of TRI chemicals through treatment, recycling, or energy recovery increased in 2017. The 2017 report data show an increase in on-site energy recovery by 22.35 percent, a decrease in on-site recycling by 0.05 percent, and an 1.60 increase in on-site treatment. The overall quantities of TRI chemicals managed on-site increased by 0.25 percent for 2017.

The overall quantities of TRI chemicals transferred off-site for further management or disposal decreased by 9.00 percent from 2016 to 2017. With respect to off-site transfers, Table 6 shows a 5.43 percent decrease in TRI chemicals being transferred off site for other treatment and a 13.70 percent decrease in TRI chemicals being transferred off-site for recycling from 2016 to 2017.

Longer term trends can be seen in the last column of Table 6. Over three years, on-site releases of TRI chemicals decreased by 6.21 percent, off-site transfers decreased by 10.47 percent, and on-site management increased by 6.60 percent. From 2015 through 2017, Virginia facilities reported a 4.81 percent increase in the release, transfer, or other management of TRI chemicals.

[3] The information in Appendix E is historical and is for general comparison purposes only.

Table 6. Comparison Summary Data by Type of Release, Transfer and On-Site Management for TRI Chemicals for 2015, 2016 and 2017 (from Table 1)

Management Activites	RY 2015 (Pounds)	RY 2016 (Pounds)	RY 2017 (Pounds)	Changes 2016-2017	% Change 2016-2017	% Change 2015-2016
On-Site Releases						
Air (Total)	18,020,039.02	19,006,314.37	16,503,969.18	-2,502,345.19	-13.17%	-8.41%
Fugitive Air	3,776,071.71	3,492,449.20	3,644,814.00	152,364.80	4.36%	-3.48%
Stack Air	14,243,967.32	15,513,865.17	12,859,155.18	-2,654,710.00	-17.11%	-9.72%
Water	11,535,716.86	13,566,966.52	11,294,027.95	-2,272,938.57	-16.75%	-2.10%
Land	2,974,882.50	3,306,412.22	2,713,390.99	-593,021.23	-17.94%	-8.79%
Total	**32,530,638.38**	**35,822,446.31**	**30,511,388.12**	**-5,311,058.19**	**-14.83%**	**-6.21%**
Off-Site Transfers						
POTW	16,381,440.62	16,272,407.17	14,782,846.20	-1,489,560.97	-9.15%	-9.76%
Other Off-Site Transfers	49,079,180.93	48,132,401.94	43,825,708.07	-4,306,693.86	-8.95%	-10.70%
Recycling	25,502,506.02	25,560,286.83	22,058,407.75	-3,501,879.07	-13.70%	-13.50%
Energy Recovery	3,741,105.92	3,907,867.57	3,786,729.87	-121,137.70	-3.10%	1.22%
Other Treatment	16,325,209.18	15,730,806.06	14,876,770.30	-854,035.76	-5.43%	-8.87%
Disposal	3,510,359.81	2,933,441.48	3,103,800.14	170,358.66	5.81%	-11.58%
Total	**65,460,621.55**	**64,404,809.11**	**58,608,554.27**	**-5,796,254.83**	**-9.00%**	**-10.47%**
On-Site Management						
Treated On-Site	86,121,866.15	102,430,902.99	104,073,554.90	1,642,651.91	1.60%	20.84%
Recycled On-Site	671,954,284.86	703,337,537.36	702,998,486.36	-339,051.00	-0.05%	4.62%
Energy Recovery On-Site	2,576,373.00	3,078,723.78	3,766,856.25	688,132.47	22.35%	46.21%
Total	**760,652,524.01**	**808,847,164.13**	**810,838,897.51**	**1,991,733.38**	**0.25%**	**6.60%**
Grand Total	**858,643,783.94**	**909,074,419.55**	**899,958,839.90**	**-9,115,579.65**	**-1.00%**	**4.81%**

Table 7 compares, in detail, the TRI data for PBT chemicals by type of release, transfer, and on-site management for reporting years 2015 to 2017. From 2016 to 2017, the total of PBT chemicals released on-site, transferred off-site, or managed on-site decreased by 5.75 percent.

The data show a decrease in releases to air, water and land, specifically for stack air, of PBT chemicals compared to 2016. Table 7 also shows a decrease of 16.94 percent in the total of PBT chemicals released on-site, transferred off-site and managed on-site for reporting years 2015 to 2017.

Table 7. Comparison Summary Data by Type of Release, Transfer and On-site Management for PBT chemicals for 2015, 2016 and 2017 (from Table 3)

Management Activites	RY 2015 (Pounds)	RY 2016 (Pounds)	RY 2017 (Pounds)	Changes 2016-2017 (Pounds)	% Change 2016-2017	% Change 2015-2017
On-Site Releases						
Air (Total)	14,919.22	18,263.88	17,441.39	-822.49	-4.50%	16.91%
Fugitive Air	5,720.00	5,713.40	6,568.94	855.54	14.96%	14.84%
Stack Air	9,199.22	12,550.48	10,872.45	-1,678.03	-18.24%	18.19%
Water	6,113.89	5,688.36	5,046.31	-642.05	-10.50%	-17.46%
Land	237,919.61	224,256.05	223,045.18	-1,210.87	-0.51%	-6.25%
Total	**258,952.73**	**248,208.29**	**245,532.88**	**-2,675.41**	**-1.03%**	**-5.18%**
Off-Site Transfers						
Potw	327.22	650.01	668.02	18.01	5.50%	104.15%
Other Off-Site Transfers	804,529.14	747,294.09	756,727.56	9,433.47	1.17%	-5.94%
Recycling	686,842.46	652,750.44	645,049.70	-7,700.74	-1.12%	-6.08%
Energy Recovery	2,095.50	1,899.88	2,610.27	710.39	33.90%	24.57%
Other Treatment	2,748.36	3,255.70	1,573.72	-1,681.98	-61.20%	-42.74%
Disposal	112,842.82	89,388.08	107,493.87	18,105.79	16.05%	-4.74%
Total	**804,856.36**	**747,944.10**	**757,395.57**	**9,451.48**	**1.17%**	**-5.90%**

On-Site Management						
Treated On-Site	8.10	8.10	8.10	0.00	0.00%	0.00%
Recycled On-Site	247,926.70	159,908.23	86,611.26	-73,296.97	-29.56%	-65.07%
Energy Recovery On-Site	0.00	0.00	0.00	0.00	0.00%	0.00%
Total	**247,934.80**	**159,916.33**	**86,619.36**	**-73,296.97**	**-29.56%**	**-65.06%**
Grand Total	**1,311,743.89**	**1,156,068.72**	**1,089,547.81**	**-66,520.91**	**-5.75%**	**-16.94%**

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Chapter Five - Conclusion

The 2017 Virginia TRI Report is issued pursuant to Virginia Code §10.1-1186.1. The report has information on chemicals and chemical categories, activities involving their use, industrial sectors, facilities and facility locations (jurisdictions).

The report provides information concerning listed toxic chemicals and chemical categories that are manufactured, processed, or otherwise used at Virginia facilities, including amounts released to the environment, transferred off-site and managed on-site. Industry and the public can use the data in a variety of ways, including as a measurement of progress toward reduction targets. As noted previously the majority of the releases to the environment included in the TRI report occur under a federal or state permitting program determined to be protective of human health and the environment.

Appendix A – Glossary of Terms

Coincidental Manufacture – Production of an EPCRA section 313 chemical as a byproduct or impurity as a result of the manufacture, processing, otherwise use, treatment, disposal, or other waste management of other chemical substances.

Energy Recovery – Recovery of useful energy from waste mainly through combustion of chemical waste.

Facility – Defined for the purposes of TRI reporting as all buildings, equipment, structures, and other stationary items which are located on a single site or on contiguous or adjacent sites and which are owned or operated by the same person (entity).

Fugitive (Non-Point) Air Releases – Emissions to the air that are not conveyed through stacks, vents, ducts, pipes, or other confined air streams within the boundaries of a facility. Examples include equipment leaks from valves, pump seals, flanges, compressors, sampling connections, open-ended lines, and evaporative losses from surface impoundments and spills.

Manufacture – To produce, prepare, import, or compound a toxic chemical.

North American Industry Classification System (NAICS) - NAICS is the standard used by Federal statistical agencies which collect or publish data by industry. It is a system for classifying an establishment by type of economic activity.

Off-Site Locations – Locations outside the boundaries of a facility to which wastes are transported for treatment, energy recovery, recycling, or disposal.

Otherwise Use – Any use of a toxic chemical at a facility which is not covered by the definitions of manufacture or process. This includes any activities in which a listed toxic chemical does not become intentionally incorporated into the final product for distribution in commerce. Examples of otherwise use include degreasers, solvents in paints that are applied to a product, chemicals used in water treatment, and refrigerants or coolants.

Persistent Bio-accumulative Toxic (PBT) chemical – A chemical that is stable for a long period of time, and builds up in the environment, particularly in food chains.

Publicly Owned Treatment Works (POTW) – A wastewater treatment facility which is owned by a unit of the government.

Process – Refers to the preparation of a listed toxic chemical after its manufacture, for distribution in commerce. Processing is usually the intentional incorporation of a toxic chemical into a product. It includes making mixtures, repackaging, and using a toxic chemical as a feedstock, raw material, or starting material for making another chemical.

Recycle – The process of capturing a useful product from a waste stream. Solvent recovery, metals recovery, and acid regeneration are examples of recycling.

Releases – Refers to on-site discharges of TRI chemicals to the air, water, land, and disposal in underground injection wells (none in Virginia). They include permitted, accidental, and non-permitted discharges.

Releases to Air – See fugitive (non-point) air releases and stack (point source) air releases.

Releases to Land – Refers to land-filling, surface impoundment, land treatment/application farming or any other release of a toxic chemical to land within the boundaries of a facility.

Releases to Water – Refers to discharging of chemicals to surface waters such as rivers, lakes, ponds, and streams within the boundaries of a facility.

Source Reduction/Pollution Prevention – Activities that reduce the quantity and /or toxicity of wastes generated. Improved operation and maintenance, process and equipment modification, conservation practices, material substitution, product modification, and in-process recycling are examples of pollution prevention.

Stack (Point Source) Air Releases – Emissions to the air that are conveyed through stacks, vents, ducts, pipes, or other confined air streams within the boundaries of a facility. Examples include storage tank emissions and emissions from air pollution control equipment.

Standard Industrial Classification Code (SIC Code) – A four digit number code designated by the Federal Office of Management and Budget to describe the type of activity(s) at a facility. The first two numbers of the code define a major business sector, and the last two numbers define a facility's specialty within the major sector.

Toxic – A substance that produces or causes systemic damage to an organism.

Transfers – Refers to TRI chemicals sent off-site for energy recovery, recycling, treatment, or disposal. They are reported as transfers to either Publicly Owned Treatment Works (POTWs) or other off-site transfers (non-POTWs) such as incinerators, landfills, other treatment, recycling, energy recovery, or disposal facilities not part of the reporting facility.

Appendix B – Supplementary Resources

Additional TRI data and individual facility information are available for the 1997 through 2017 reporting years. If you would like additional information on specific facilities or chemicals, please call the Virginia Department of Environmental Quality's SARA Title III Office at (804) 698-4467 or direct your request in writing to the Virginia Department of Environmental Quality, SARA Title III Office, P.O. Box 1105, Richmond, VA 23218.

1. TRI data can be accessed on the Internet through the Virginia Department of Environmental Quality SARA Title III Program web page: http://www.deq.virginia.gov/Programs/Air/AirQualityPlanningEmissions/SARATitleIII/SARA313ToxicsReleaseInventory.aspx

2. The Form Rs submitted by facilities within the state are on file at the Virginia Department of Environmental Quality. Any inquiries about Form R information or the TRI program in Virginia should be made to the SARA Title III Program Coordinator.

3. The Environmental Protection Agency's Toxic Release Reporting Center is the national repository for all TRI reports submitted to the EPA. The data is available on CD-ROM, magnetic tape, floppy disk, and microfiche. Copies of the reports were distributed to more than 3,000 libraries nationwide.

4. Any questions regarding the Emergency Planning and Community Right to Know Act (EPCRA) can be forwarded to EPA's toll free EPCRA call center. The phone numbers are: (800) 424-9346, (703) 412-9810, or TDD (800) 553-7672.

5. The Toxic Release Inventory – Made Easy Web (TRI-MEweb) includes instructions for on-line reporting and submittal of TRI reports. The TRI-MEweb Resources page on EPA's website contains guidance documents and tutorials to help facilities with TRI reporting. For more information visit EPA's TRI-MEweb website: http://www.epa.gov/toxics-release-inventory-tri-program/tri-meweb-resources.

6. **Right-to-Know Network (RTK NET)** offers access to TRI data, along with health facts for each TRI chemical, searchable nationwide TRI data. RTK NET promotes pollution prevention, data analyses, and communication among individuals concerned about toxics use reduction. http://www.rtknet.org/.

7. **ENVIROFACTS** integrates data extracted from several EPA programs, including TRI. ENVIROFACTS allows users to search the database by facility name, its location, by chemical, or by NAICS code. http://www3.epa.gov/enviro/.

8. **TRI Explorer** is another tool provided by EPA, which allows users to search TRI data by county, facility, chemical, etc. http://www.epa.gov/triexplorer/.

9. **EPCRA Section 313** program information and consolidated list of chemicals subject to EPCRA Section 313 and other federal programs, please visit EPA's website: http://www.epa.gov/tri/.

10. **EPA's Risk Screening Environmental Indicators (RSEI)** is a computer based model that uses TRI data for analysis of risk-related impacts of toxic chemical releases and transfers in the US. http://www.epa.gov/opptintr/rsei/.

Appendix C – TRI Covered Industry Groups by North American Industry Classification System

TRI covered industry groups are identified by the following North American Industry Classification Systems (NAICS) sub-sector codes and general industry types:

211	Oil and Gas Extraction
212	Mining
221	Utilities
311	Food Manufacturing
312	Beverage and Tobacco Product Manufacturing
313	Textile Mills
314	Textile Product Mills
321	Wood Product Manufacturing
322	Paper Manufacturing
323	Printing and Related Support Activities
324	Petroleum and Coal Products Manufacturing
325	Chemical Manufacturing
326	Plastics and Rubber Products Manufacturing
331	Primary Metal Manufacturing
332	Fabricated Metal Product Manufacturing
333	Machinery Manufacturing
334	Computer and Electronic Product Manufacturing
335	Electrical Equipment, Appliance, and Component Manufacturing
336	Transportation Equipment Manufacturing
337	Furniture and Related Product Manufacturing
339	Miscellaneous Manufacturing
424	Merchant Wholesalers, Non Goods
562	Waste Management and Remediation Services
924	Administration of Environmental Quality Programs
927	Space Research and Technology
928	National Security and International Affairs

APPENDIX D - 2017 VA TRI Reporting Forms

Please note that the TRI reporting forms in this appendix are for reference only. Do not submit these forms to EPA. All facilities are required to submit their TRI data electronically using the TRI-MEweb application, per the TRI Electronic Reporting Rule. A link to the reporting rule language can be found at the following address: http://www.epa.gov/toxics-release-inventory-tri-program/electronic-reporting-toxics-release-inventory-data.

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EPA
United States Environmental Protection Agency

FORM R

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also Known as Title III of the Superfund Amendments and Reauthorization Act

TRI Facility ID Number

Toxic Chemical, Category, or Generic Name

This section only applies if you are revising or withdrawing a previously submitted form, otherwise leave blank.	**Revision (Enter up to two code(s))**	**Withdrawal (Enter up to two code(s))**

IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked.

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR _____

SECTION 2. TRADE SECRET INFORMATION

2.1	Are you claiming the toxic chemical identified on page 2 as a trade secret? ☐ Yes (Answer question 2.2; attach substantiation forms) ☐ No (Do not answer 2.2; go to Section 3)	2.2	Is this copy ☐ Sanitized ☐ Unsanitized (Answer only if "Yes" in 2.1)

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official:	Signature:	Date signed:

SECTION 4. FACILITY IDENTIFICATION

4.1	Facility or Establishment Name	TRI Facility ID Number	
	Physical Street Address	Mailing Address (if different from physical street address)	
	City/County/Tribe/State/ZIP Code	City/State/ZIP Code	Country (Non-US)
4.2	This report contains information for: (Important: Check a or b; check c or d if applicable)	a. ☐ An entire facility b. ☐ Part of a facility c. ☐ A federal facility d. ☐ GOCO	
4.3	Technical Contact Name	Telephone Number (include area code and ext.)	
	Email Address		
4.4	Public Contact Name	Telephone Number (include area code and ext.)	
	Email Address		
4.5	NAICS Code(s) (6 digits)	Primary a. / b. / c. / d. / e. / f.	
4.6	Dun & Bradstreet Number(s) (9 digits)	a. / b.	

SECTION 5. Parent Company Information

5.1	Name of U.S. Parent Company (for TRI Reporting purposes)		No U.S. Parent Company (for TRI Reporting purposes) ☐
5.2	Parent Company's Dun & Bradstreet Number	NA ☐	

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FORM R

Part II. CHEMICAL-SPECIFIC INFORMATION

TRI Facility ID Number

Toxic Chemical, Category, or Generic Name

SECTION 1. TOXIC CHEMICAL IDENTITY

(Important: DO NOT complete this section if you are reporting a mixture component in Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY

(Important: DO NOT complete this section if you completed Section 1.)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY

(Important: Check all that apply.)

3.1 Manufacture the toxic chemical:	3.2 Process the toxic chemical:	3.3 Otherwise use the toxic chemical:
a. ☐ Produce b. ☐ Import If Produce or Import c. ☐ For on-site use/processing d. ☐ For sale/distribution e. ☐ As a byproduct f. ☐ As an impurity	a. ☐ As a reactant b. ☐ As a formulation component c. ☐ As an article component d. ☐ Repackaging e. ☐ As an impurity	a. ☐ As a chemical processing aid b. ☐ As a manufacturing aid c. ☐ Ancillary or other use

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	☐ (Enter two digit code from instruction package.)

SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ON-SITE

			A. Total Release (pounds/year*) (Enter a range code** or estimate)	B. Basis of Estimate (Enter code)	C. Percent from Stormwater
5.1	Fugitive or non-point air emissions	NA ☐			
5.2	Stack or point air emissions	NA ☐			
5.3	Discharges to receiving streams or water bodies (Enter one name per box)	NA ☐			
	Stream or Water Body Name	Reach Code (optional)			
5.3.1					
5.3.2					
5.3.3					

If additional pages of Part II, Section 5.3 are attached, indicate the total number of pages in this box ☐ and indicate the Part II, Section 5.3 page number in this box. ☐ (Example: 1, 2, 3, etc.)

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*For Dioxin or Dioxin-like compounds, report in grams/year.
**Range Codes: A= 1-10 pounds; B= 11-499 pounds; C= 500-999 pounds.

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FORM R

Part II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

Toxic Chemical, Category, or Generic Name

SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ON-SITE (continued)

		NA	A. Total Release (pounds/year*) (Enter a range code** or estimate)	B. Basis of Estimate (Enter code)
5.4-5.5	Disposal to land on-site			
5.4.1	Class I Underground Injection Wells	☐		
5.4.2	Class II-V Underground Injection Wells	☐		
5.5.1A	RCRA Subtitle C landfills	☐		
5.5.1B	Other landfills	☐		
5.5.2	Land treatment/application farming	☐		
5.5.3A	RCRA Subtitle C surface impoundments	☐		
5.5.3B	Other surface impoundments	☐		
5.5.4	Other disposal	☐		

SECTION 6. TRANSFER(S) OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTWs) NA ☐

6.1.___	POTW Name						
POTW Address							
City		County		State		ZIP	

A. Quantity Transferred to this POTW (pounds/year*) (Enter range code**or estimate)	B. Basis of Estimate (Enter code)

If additional pages of Part II, Section 6.1 are attached, indicate the total number of pages in this box ☐
and indicate the Part II, Section 6.1 page number in this box. ☐ (Example: 1, 2, 3, etc.)

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS NA ☐

6.2.___	Off-Site EPA Identification Number (RCRA ID No.)								
Off-Site Location Name:									
Off-Site Address:									
City		County		State		ZIP		Country (non-US)	

Is this location under control of reporting facility or parent company? ☐ Yes ☐ No

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*For Dioxin or Dioxin-like compounds, report in grams/year.
**Range Codes: A= 1-10 pounds; B= 11-499 pounds; C= 500-999 pounds.

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FORM R

Part II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

Toxic Chemical, Category, or Generic Name

SECTION 6.2. TRANSFERS TO OTHER OFF-SITE LOCATION (CONTINUED)

A. Total Transfer (pounds/year*) (Enter a range code** or estimate)	**B. Basis of Estimate** (Enter code)	**C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery** (Enter code)
1.	**1.**	**1. M**
2.	**2.**	**2. M**
3.	**3.**	**3. M**
4.	**4.**	**4. M**

6.2____ Off-Site EPA Identification Number (RCRA ID No.)

Off-Site Location Name:

Off-Site Address:

City | County | State | ZIP | Country (non-US)

Is this location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfer (pounds/year*) (Enter a range code** or estimate)	**B. Basis of Estimate** (Enter code)	**C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery** (Enter code)
1.	**1.**	**1. M**
2.	**2.**	**2. M**
3.	**3.**	**3. M**
4.	**4.**	**4. M**

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

☐ Not Applicable (NA) - Check here if no on-site waste treatment method is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (Enter code)	b. Waste Treatment Method(s) Sequence (Enter 3- or 4-character code(s))			c. Waste Treatment Efficiency (Enter 2 character code)
7A.1a	**7A.1b**	1 / 2	3 / 4 / 5	**7A.1c**
	6 / 7 / 8			
7A.2a	**7A.2b**	1 / 2	3 / 4 / 5	**7A.2c**
	6 / 7 / 8			
7A.3a	**7A.3b**	1 / 2	3 / 4 / 5	**7A.3c**
	6 / 7 / 8			
7A.4a	**7A.4b**	1 / 2	3 / 4 / 5	**7A.4c**
	6 / 7 / 8			
7A.5a	**7A.5b**	1 / 2	3 / 4 / 5	**7A.5c**
	6 / 7 / 8			

If additional pages of Part II, Section 6.2/7.A are attached, indicate the total number of pages in this ☐ box and indicate the Part II, Section 6.2/7.A page number in this box. ☐ (Example: 1, 2, 3, etc.)

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*For Dioxin or Dioxin-like compounds, report in grams/year.
**Range Codes: A= 1-10 pounds; B= 11-499 pounds; C= 500-999 pounds.

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FORM R **Part II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)**	TRI Facility ID Number Toxic Chemical, Category, or Generic Name

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES

☐ NA Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods (Enter 3-character code(s))

1 ☐ 2 ☐ 3 ☐

SECTION 7C. ON-SITE RECYLING PROCESSES

☐ NA Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods (Enter 3-character code(s))

1. ☐ 2. ☐ 3. ☐

SECTION 8. SOURCE REDUCTION AND WASTE MANAGEMENT

		Column A Prior Year (pounds/year*)	Column B Current Reporting Year (pounds/year*)	Column C Following Year (pounds/year*)	Column D Second Following Year (pounds/year*)
8.1 – 8.7 Production-Related Waste Managed					
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills				
8.1b	Total other on-site disposal or other releases				
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills				
8.1d	Total other off-site disposal or other releases				
8.2	Quantity used for energy recovery on-site				
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site				
8.5	Quantity recycled off-site				
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Non-production-related waste managed**				
8.9	☐ Production ratio or ☐ Activity ratio (select one and enter value to right)				
8.10	Did your facility engage in any newly implemented source reduction activities for this chemical during the reporting year? If so, complete the following section; if not, check NA. **NA** ☐				

	Source Reduction Activities (Enter code(s))	Methods to Identify Activity (Enter code(s))			Estimated annual reduction (Enter code(s)) (optional)
8.10.1		**a.**	**b.**	**c.**	**d.**
8.10.2		**a.**	**b.**	**c.**	**d.**
8.10.3		**a.**	**b.**	**c.**	**d.**
8.10.4		**a.**	**b.**	**c.**	**d.**

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*For Dioxin or Dioxin-like compounds, report in grams/year.

**Includes quantities released to the environment or transferred off-site as a result of remedial actions, catastrophic events, or other one-time events not associated with production processes

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FORM R Part II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	TRI Facility ID Number Toxic Chemical, Category, or Generic Name

SECTION 8.11. DISPOSAL OR OTHER RELEASES, SOURCE REDUCTION, AND RECYCLING ACTIVITIES

8.11	If you wish to submit additional optional information on source reduction, recycling, or pollution control activities, provide it here.

SECTION 9. MISCELLANEOUS INFORMATION

9.1	If you wish to submit any miscellaneous, additional, or optional information regarding your Form R submission, provide it here.

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United States Environmental Protection Agency

FORM R Schedule 1

TRI Facility ID Number

PART II. CHEMICAL-SPECIFIC INFORMATION (continued)

SECTION 5. QUANTITY OF DIOXIN AND DIOXIN-LIKE COMPOUNDS ENTERING EACH ENVIRONMENTAL MEDIUM ON-SITE

	5.1	NA		5.2	NA		5.3	Discharges to receiving streams or water bodies (Enter data for one stream or water body per box)	NA ☐
	Fugitive or non-point air emissions			Stack or point air emissions			5.3.1	5.3.2	5.3.3
D. Mass (grams) of each compound in the category (1-17) 1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									

If additional pages of Section 5.3 are attached, indicate the total number of pages in this box ☐

and indicate the Section 5.3 page number in this box ☐ **(Example: 1, 2, 3, etc.)**

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TRI Facility ID Number

FORM R Schedule 1

PART II. CHEMICAL-SPECIFIC INFORMATION (continued)

SECTION 5. QUANTITY OF DIOXIN AND DIOXIN-LIKE COMPOUNDS ENTERING EACH ENVIRONMENTAL MEDIUM ON-SITE

		5.4 – 5.5 Disposal to land on-site							
		5.4.1 NA	**5.4.2** NA	**5.5.1.A** NA	**5.5.1.B** NA	**5.5.2** NA	**5.5.3A** NA	**5.5.3B** NA	**5.5.4** NA
		Class I Underground Injection Wells	Class II-V Underground Injection Wells	RCRA Subtitle C landfills	Other landfills	Land treatment/ application farming	RCRA Subtitle C surface impoundments	Other surface impoundments	Other disposal
C. Mass (grams) of each compound in the category (1-17)	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
	11								
	12								
	13								
	14								
	15								
	16								
	17								

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FORM R Schedule 1
PART II. CHEMICAL-SPECIFIC INFORMATION (continued)

SECTION 6. TRANSFERS OF DIOXIN AND DIOXIN-LIKE COMPOUNDS IN WASTES TO OFF-SITE LOCATIONS

6.1. DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTWs) NA ☐

6.1. __	C. Mass (grams) of Each Compound in the Category (1-17)																	
1		2		3		4		5		6		7		8		9		
10		11		12		13		14		15		16		17				

6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS NA ☐

6.2.__	D. Mass (grams) of each compound in the category (1-17)																	
1.	1		2		3		4		5		6		7		8			
9		10		11		12		13		14		15		16		17		
2.	1		2		3		4		5		6		7		8			
9		10		11		12		13		14		15		16		17		
3.	1		2		3		4		5		6		7		8			
9		10		11		12		13		14		15		16		17		
4.	1		2		3		4		5		6		7		8			
9		10		11		12		13		14		15		16		17		

6.2.__	D. Mass (grams) of each compound in the category (1-17)																	
1.	1		2		3		4		5		6		7		8			
9		10		11		12		13		14		15		16		17		
2.	1		2		3		4		5		6		7		8			
9		10		11		12		13		14		15		16		17		
3.	1		2		3		4		5		6		7		8			
9		10		11		12		13		14		15		16		17		
4.	1		2		3		4		5		6		7		8			
9		10		11		12		13		14		15		16		17		

If additional pages of Section 6.1 or 6.2 are attached, indicate the total number of pages in this box ☐

and indicate the Section 6.1 or 6.2 page number in this box ☐ **(Example: 1, 2, 3, etc.)**

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FORM R Schedule 1
PART II. CHEMICAL-SPECIFIC INFORMATION (continued)

SECTIONS 8.1-8.8. WASTE MANAGEMENT QUANTITIES FOR DIOXIN AND DIOXIN-LIKE COMPOUNDS (current year only)

	8.1-8.7 Production-related waste managed										8.8
	8.1a Total on-site disposal to Class 1 Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	8.1b Total other on-site disposal or other releases	8.1c Total off-site disposal to Class 1 Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	8.1d Total other off-site disposal or other releases	8.2 Quantity used for energy recovery on-site	8.3 Quantity used for energy recovery off-site	8.4 Quantity recycled on-site	8.5 Quantity recycled off-site	8.6 Quantity treated on-site	8.7 Quantity treated off-site	Non-production related waste managed*
Column f. Mass (grams) of each compound in the category (1-17)											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											

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*Includes quantities released to the environment or transferred off-site as a result of remedial actions, catastrophic events, or other one-time events not associated with production processes

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EPA United States Environmental Protection Agency

TOXICS RELEASE INVENTORY FORM A

	TRI Facility ID Number

This section only applies if you are revising or withdrawing a previously submitted form, otherwise leave blank.	**Revision (Enter up to two code(s))**	**Withdrawal (Enter up to two code(s))**

IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked.

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR _____

SECTION 2. TRADE SECRET INFORMATION

2.1	Are you claiming the toxic chemical identified on page 2 as a trade secret? ☐ Yes (Answer question 2.2; attach substantiation forms) ☐ No (Do not answer 2.2; go to Section 3)	**2.2**	Is this copy ☐ Sanitized ☐ Unsanitized (Answer only if "Yes" in 2.1)

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that to the best of my knowledge and belief, for each toxic chemical listed in this statement, the annual reportable amount as defined in 40 CFR 372.27(a), did not exceed 500 pounds for this reporting year and that the chemical was manufactured, processed, or otherwise used in an amount not exceeding 1 million pounds during this reporting year.

Name and official title of owner/operator or senior management official:	Signature:	Date signed:

SECTION 4. FACILITY IDENTIFICATION

4.1	Facility or Establishment Name	TRI Facility ID Number	
	Physical Street Address	Mailing Address (if different from physical street address)	
	City/County/Tribe/State/ZIP Code	City/State/ZIP Code	Country (Non-US)
4.2	This report contains information for: (Important: Check c or d if applicable)	c. ☐ A Federal facility	d. ☐ GOCO
4.3	Technical Contact Name		Telephone Number (include area code and ext.)
	Email Address		
4.4	Public Contact Name		Telephone Number (include area code and ext.)
	Email Address		

4.5	NAICS Code(s) (6 digits)	Primary a.	b.	c.	d.	e.	f.
4.6	Dun & Bradstreet Number(s) (9 digits)	a.					
		b.					

SECTION 5. PARENT COMPANY INFORMATION

5.1	Name of U.S. Parent Company (for TRI Reporting purposes)		No U.S. Parent Company (for TRI Reporting purposes) ☐
5.2	Parent Company's Dun & Bradstreet Number	NA ☐	

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EPA FORM A
PART II. CHEMICAL IDENTIFICATION

Do not use this form for reporting PBT chemicals, including Dioxin and Dioxin-like Compounds*

TRI Facility ID Number

SECTION 1. TOXIC CHEMICAL IDENTITY **Report ___ of ___**

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
1.3	Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

SECTION 1. TOXIC CHEMICAL IDENTITY **Report ___ of ___**

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
1.3	Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

SECTION 1. TOXIC CHEMICAL IDENTITY **Report ___ of ___**

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
1.3	Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

SECTION 1. TOXIC CHEMICAL IDENTITY **Report ___ of ___**

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
1.3	Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

*See the TRI Reporting Forms and Instructions manual for the list of PBT Chemicals (including Dioxin and Dioxin-like Compounds)

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Appendix E -VA TRI Historical Trend

Since its inception, the TRI program has been expanding and evolving, providing more information to the public about the presence and release of toxic and hazardous chemicals in communities. As a result, over the past 29 years, major regulatory changes have occurred that have made the direct historical comparison of releases from 1988 to 2017 difficult and potentially misleading. The information in Appendix E is historical and for general comparison purposes only.

During the early years of the program there were no major reporting changes. From 1988 until 1994 the consistency between reporting sectors and chemicals made comparison straightforward.

The first major change in reporting requirements was the addition of 286 chemicals and chemical categories to the TRI list beginning with reporting year 1995. The addition of chemicals in reporting year 1995 created a new baseline for TRI comparisons. A second major change was the inclusion of seven new non-manufacturing sectors (sectors that had not previously reported) to the TRI facility coverage beginning in the 1998 reporting year. With this change, 1998 became the new baseline for historical comparison. The third major change began with reporting year 2000, when seven chemicals and two chemical categories were added to the TRI chemical list. These chemicals, and chemical categories must be subtracted from reporting year 2000, 2001, and 2002 data to make comparisons to 1998 and 1999 more accurate. A fourth major change for reporting year 2011 was the inclusion of 16 new chemicals to the list of reportable chemicals. Of the 16 new chemicals which were added, 4 of these are classified as Polycyclic Aromatic Compounds (PACs). PACs are Persistent Bio-accumulative Toxins (PBTs) chemicals, and as such, they are likely to remain in the environment for a very long time, are not readily destroyed, and may build up or accumulate in body tissue. Hydrogen Sulfide was added to the list in reporting year 2012 following the lifting of an administrative stay on October 17, 2012. Ortho-Nitrotoluene was added to the list in reporting year 2015 following a final rule published by EPA which became effective on November 29, 2013. The Nonylphenol category of chemicals was added to the 2017 reporting year chemicals list in a final rule effective on September 20, 2015. The hexabromocyclododecane category was added to the chemical list in November 2017.

It should be noted beginning with reporting year 2001, lead and lead compounds were re-designated as PBT chemicals, and the threshold for reporting was reduced to 100 pounds. This caused facilities to submit more reports for lead and lead compounds for reporting years 2001 and 2002.

Table E-1 shows the amounts of releases to each media for reporting years 2004 through 2014 (without specified PBTs, or vanadium and vanadium compounds). Facility revisions for previous reporting years were not included in this comparison of on-site releases.

Table E-1. On-Site Releases Comparison from 2003 – 2014 (from Section 5 of Form R)

Chapter Four of the Virginia 2017 TRI Report covers the reporting period 2015 to 2017, and it includes all chemicals and chemical compounds, and all facility revisions received through January 7, 2019.

Media	2004 (pounds)	2005 (pounds)	2006 (pounds)	2007 (pounds)	2008 (pounds)	2009 (pounds)	2010 (pounds)	2011 (pounds)	2012 (pounds)	2013 (pounds)	2014 (pounds)	Percent Change 2004 - 2014
Air	48,124,542	41,167,066	41,273,390	39,390,601	29,770,387	26,946,032	24,617,658	19,972,183	18,404,743	20,651,917	20,388,755	-57.63%
Water	8,681,965	9,880,733	19,258,326	18,322,290	20,284,859	18,301,212	17,687,071	16,714,204	11,763,752	11,707,977	11,164,687	28.60%
Land	5,612,934	4,865,708	4,913,540	4,430,778	2,947,122	3,312,996	3,247,285	2,545,232	2,515,236	3,695,523	3,637,624	-35.19%
Total	62,419,441	55,913,507	65,445,255	62,143,669	53,002,368	48,560,240	78,463,236	39,231,618	32,683,731	36,055,418	35,191,066	-43.62%

Appendix F - 2017 Summary of Facilities, Chemical Releases, Transfers, and Management (Non-PBT)

Alphabetical Listing by Facility Within Each County/Independent City

2017 Toxics Release Inventory

Appendix F

Facility County/Independent City / Facility Name/Address / Chemical Name	form A*	On-Site Releases from Section 5 of Form R: Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	On-Site Management from Section 8 of Form R: Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	Off-Site Transfers from Section 6 of Form R: POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
ACCOMACK	**KMX CHEMICAL CORP**							**30474 ENERGY DR**				**NAICS Code**	**325193**
ETHYLENE GLYCOL	N	3,680	25	3,705	0	0	3,705	0	0	0	0	0	0
METHANOL	N	96	250	346	0	0	346	0	0	0	0	0	0
Total for KMX CHEMICAL CORP		**3,776**	**275**	**4,051**	**0**	**0**	**4,051**	**0**	**0**	**0**	**0**	**0**	**0**
ACCOMACK	**PERDUE FARMS ACCOMAC PROCESSING PLANT**							**22520 LANKFORD HWY**				**NAICS Code**	**311615**
HYDROGEN SULFIDE	N	75,900	0	75,900	0	0	75,900	0	0	530,000	530,000	0	0
NITRATE COMPOUNDS	N	0	0	0	0	1,070,610	1,070,610	0	0	0	0	0	0
PERACETIC ACID	N	0	0	0	0	76	76	0	0	152,680	152,680	0	0
Total for PERDUE FARMS ACCOMAC PROCESSIN		**75,900**	**0**	**75,900**	**0**	**1,070,686**	**1,146,586**	**0**	**0**	**682,680**	**682,680**	**0**	**0**
ACCOMACK	**TYSON FARMS INC-TEMPERANCEVILLE**							**11224 LANKFORD HWY**				**NAICS Code**	**311615**
AMMONIA	N	30,441	849	31,290	0	41	31,331	0	0	15,099	15,099	0	0
NITRATE COMPOUNDS	N	0	0	0	0	56,996	56,996	0	0	1,986,474	1,986,474	0	0
PERACETIC ACID	N	580	0	580	0	0	580	0	0	275,321	275,321	0	0
Total for TYSON FARMS INC-TEMPERANCEVILLE		**31,021**	**849**	**31,870**	**0**	**57,037**	**88,907**	**0**	**0**	**2,276,894**	**2,276,894**	**0**	**0**
ACCOMACK	**U.S. NASA GSFC WALLOPS FLIGHT FACILITY**							**34200 FULTON STREET**				**NAICS Code**	**927110**
NAPHTHALENE	N	0	18	18	0	0	18	0	0	0	0	0	213
Total for U.S. NASA GSFC WALLOPS FLIGHT FACI		**0**	**18**	**18**	**0**	**0**	**18**	**0**	**0**	**0**	**0**	**0**	**213**
Total for Above County : (9 reports)		**110,697**	**1,142**	**111,839**	**0**	**1,127,723**	**1,239,562**	**0**	**0**	**2,959,574**	**2,959,574**	**0**	**213**

* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A , no amounts are reported but by default the appendix lists them as zero.

** TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

*** BAE SYSTEMS, ORDINANCE SYSTEMS INC. AND RADFORD ARMY AMMUNITION ARE THE SAME FACILITY, REPORTING UNDER TWO SEPERATE IDsTHE SUMMARY REPORT REFLECTS ONLY ONE SET OF DATA VALUES FOR TOTALS.

Facility County/Independent City / Facility Name/Address		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
ALBEMARLE	**INTERNATIONAL COLD STORAGE**							**5678 HEARDS MOUNTAIN RD**				**NAICS Code**	**333415**
DIISOCYANATES	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for INTERNATIONAL COLD STORAGE		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (1 record)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
AMELIA	**AMELIA LUMBER CO INC**							**8680 CROWDER ST**				**NAICS Code**	**321114**
ARSENIC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM COMPOUNDS(EXCEPT	Y	0	0	0	0	0	0	0	0	0	0	0	0
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for AMELIA LUMBER CO INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (3 reports)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
AMHERST	**COOPER STEEL**							**275 FRANCIS AVE**				**NAICS Code**	**332312**
CHROMIUM	Y	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	Y	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for COOPER STEEL		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
AMHERST	**GREIF PACKAGING LLC**							**861 FIBRE PLANT RD**				**NAICS Code**	**322110**
ACETALDEHYDE	N	3,034	40,550	43,584	0	0	43,584	46,248	0	19,504	65,752	0	0
METHANOL	N	6,771	280,184	286,955	0	0	286,955	50,632	0	97,518	148,150	0	0
NITRATE COMPOUNDS	N	0	0	0	0	1,751	1,751	0	0	143,962	143,962	0	0
Total for GREIF PACKAGING LLC		**9,805**	**320,734**	**330,539**	**0**	**1,751**	**332,290**	**96,880**	**0**	**260,984**	**357,864**	**0**	**0**

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Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for Above County : (7 reports)		**9,805**	**320,734**	**330,539**	**0**	**1,751**	**332,290**	**96,880**	**0**	**260,984**	**357,864**	**0**	**0**
ARLINGTON	**ALLIED AVIATION FUELING CO INC**							**RONALD REAGAN NATIONAL AIRPORT**				**NAICS Code**	**424710**
BENZENE	N	0	289	289	0	0	289	0	0	0	0	0	107
BIPHENYL	N	1	1	2	0	0	2	0	0	0	0	0	26
CYCLOHEXANE	N	0	289	289	0	0	289	0	0	0	0	0	107
ETHYLBENZENE	N	7	295	302	0	0	302	0	0	0	0	0	190
METHYL TERT-BUTYL ETHER	N	0	578	578	0	0	578	0	0	0	0	0	215
NAPHTHALENE	N	15	326	341	0	0	341	0	0	0	0	0	498
N-HEXANE	N	0	289	289	0	0	289	0	0	0	0	0	25
TOLUENE	N	0	1,445	1,445	0	0	1,445	0	0	0	0	0	537
XYLENE (MIXED ISOMERS)	N	0	1,156	1,156	0	0	1,156	0	0	0	0	0	430
Total for ALLIED AVIATION FUELING CO INC		**23**	**4,668**	**4,691**	**0**	**0**	**4,691**	**0**	**0**	**0**	**0**	**0**	**2,135**
ARLINGTON	**PENTAGON RESERVATION**							**2 N ROTARY RD -**				**NAICS Code**	**928110**
1,2,4-TRIMETHYLBENZENE	N	0	30,290	30,290	0	0	30,290	0	0	0	0	0	0
BIPHENYL	N	0	30,290	30,290	0	0	30,290	0	0	0	0	0	0
CUMENE	N	0	15,129	15,129	0	0	15,129	0	0	0	0	0	0
ETHYLBENZENE	N	0	15,162	15,162	0	0	15,162	0	0	0	0	0	0
NAPHTHALENE	N	0	30,328	30,328	0	0	30,328	0	0	0	0	0	0
Total for PENTAGON RESERVATION		**0**	**121,199**	**121,199**	**0**	**0**	**121,199**	**0**	**0**	**0**	**0**	**0**	**0**
ARLINGTON	**VIRGINIA CONCRETE SHIRLINGTON PLANT**							**2651 SHIRLINGTON RD**				**NAICS Code**	**327320**
NITRATE COMPOUNDS	N	0	0	0	0	288	288	0	0	0	0	0	0
Total for VIRGINIA CONCRETE SHIRLINGTON PLA		**0**	**0**	**0**	**0**	**288**	**288**	**0**	**0**	**0**	**0**	**0**	**0**

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Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for Above County : (15 reports)		**23**	**125,867**	**125,890**	**0**	**288**	**126,178**	**0**	**0**	**0**	**0**	**0**	**2,135**
AUGUSTA	**A&AT LLC-WAYNESBORO FACILITY**							**400 DU PONT BLVD**				**NAICS Code**	**325220**
DIISOCYANATES	N	18	0	18	0	0	18	0	0	0	0	0	10,314
NITRATE COMPOUNDS	N	0	0	0	0	7,000	7,000	0	0	19,000	19,000	0	0
Total for A&AT LLC-WAYNESBORO FACILITY		**18**	**0**	**18**	**0**	**7,000**	**7,018**	**0**	**0**	**19,000**	**19,000**	**0**	**10,314**
AUGUSTA	**ACCUTEC BLADES, INC.**							**57 RAZOR BLADE LN**				**NAICS Code**	**332215**
AMMONIA	N	468	31	499	0	0	499	0	0	0	0	0	0
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	40,598
Total for ACCUTEC BLADES, INC.		**468**	**31**	**499**	**0**	**0**	**499**	**0**	**0**	**0**	**0**	**0**	**40,598**
AUGUSTA	**BALL ADVANCED ALUMINUM TECHNOLOGIES CORP**							**56 DUNSMORE RD**				**NAICS Code**	**331524**
ALUMINUM (FUME OR DUST)	N	0	14,000	14,000	0	0	14,000	0	0	0	0	0	22,000
Total for BALL ADVANCED ALUMINUM TECHNOLO		**0**	**14,000**	**14,000**	**0**	**0**	**14,000**	**0**	**0**	**0**	**0**	**0**	**22,000**
AUGUSTA	**CERRO FABRICATED PRODUCTS LLC**							**300 TRIANGLE DR**				**NAICS Code**	**332112**
COPPER	N	0	0	0	0	0	0	0	0	0	0	16	613,517
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	16	397,562
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	2,676	0
NITRIC ACID	N	0	0	0	0	0	0	0	0	52,210	52,210	0	0
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	11	275,120
Total for CERRO FABRICATED PRODUCTS LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**52,210**	**52,210**	**2,719**	**1,286,199**
AUGUSTA	**DEGESCH AMERICA INC**							**153 TRIANGLE DR**				**NAICS Code**	**325320**
ALUMINUM PHOSPHIDE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	N	0	794	794	0	0	794	0	0	0	0	0	0

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PHOSPHINE	N	0	294	294	0	0	294	0	0	0	0	0	0
Total for DEGESCH AMERICA INC		**0**	**1,088**	**1,088**	**0**	**0**	**1,088**	**0**	**0**	**0**	**0**	**0**	**0**
AUGUSTA	**FLINT GROUP NA CORP**							**106 TRIANGLE DR**				**NAICS Code**	**325910**
BARIUM COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for FLINT GROUP NA CORP		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
AUGUSTA	**GROTTOES PLASTICS PLANT**							**149 GRAND CAVERNS DRIVE**				**NAICS Code**	**326112**
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	246	0	246	0	499
Total for Grottoes Plastics Plant		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**246**	**0**	**246**	**0**	**499**
AUGUSTA	**MASTIC HOME EXTERIORS STUARTS DRAFT**							**185 JOHNSON DR**				**NAICS Code**	**326199**
ANTIMONY COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM COMPOUNDS(EXCEPT	Y	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for MASTIC HOME EXTERIORS STUARTS D		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
AUGUSTA	**NIBCO OF VIRGINIA INC.**							**131 JOHNSON DRIVE**				**NAICS Code**	**332112**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	1	19,249
COPPER	N	7,195	5,226	12,421	0	19	12,440	0	0	0	0	17	201,273
Total for NIBCO OF VIRGINIA INC.		**7,195**	**5,226**	**12,421**	**0**	**19**	**12,440**	**0**	**0**	**0**	**0**	**18**	**220,522**
AUGUSTA	**REXNORD INDUSTRIES LLC**							**150 JOHNSON DR**				**NAICS Code**	**333612**
AMMONIA	N	0	3,290	3,290	0	0	3,290	0	0	0	0	0	0
Total for REXNORD INDUSTRIES LLC		**0**	**3,290**	**3,290**	**0**	**0**	**3,290**	**0**	**0**	**0**	**0**	**0**	**0**
AUGUSTA	**SHAMROCK FOODS DAIRY DIV VERONA VIRGINIA**							**318 MILL PL PKWY**				**NAICS Code**	**311511**
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	21,791	19,612

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NITRIC ACID	N	5	0	5	0	0	5	0	0	22,125	22,125	0	0
Total for SHAMROCK FOODS DAIRY DIV VERONA		**5**	**0**	**5**	**0**	**0**	**5**	**0**	**0**	**22,125**	**22,125**	**21,791**	**19,612**
AUGUSTA	**SUNLITE PLASTICS INC.**							**846 KEEZLETOWN RD**				**NAICS Code**	**326199**
DI(2-ETHYLHEXYL) PHTHALATE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for SUNLITE PLASTICS INC.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (24 reports)		**7,686**	**23,635**	**31,321**	**0**	**7,019**	**38,340**	**0**	**246**	**93,335**	**93,581**	**24,528**	**1,599,744**
BEDFORD	**BLUE RIDGE WOOD PRESERVING INC.**							**1220 HENDRICKS STORE RD**				**NAICS Code**	**321114**
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for BLUE RIDGE WOOD PRESERVING INC.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
BEDFORD	**GEORGIA-PACIFIC BIG ISLAND MILL**							**9363 LEE-JACKSON HWY -**				**NAICS Code**	**322121**
ACETALDEHYDE	N	1,600	54,000	55,600	12	910	56,522	0	0	61,273	61,273	0	0
AMMONIA	N	500	8,031	8,531	1	300	8,832	0	0	0	0	0	0
BARIUM COMPOUNDS	N	0	130	130	10,400	5,000	15,530	0	0	0	0	0	0
HYDROGEN SULFIDE	N	14,400	0	14,400	7	1	14,408	0	0	119,720	119,720	0	0
MANGANESE COMPOUNDS	N	0	34	34	43,800	2,100	45,934	0	0	0	0	0	0
METHANOL	N	3,000	290,000	293,000	180	950	294,130	0	0	485,740	485,740	0	0
NITRATE COMPOUNDS	N	0	0	0	4	8,900	8,904	0	0	0	0	0	0
Total for GEORGIA-PACIFIC BIG ISLAND MILL		**19,500**	**352,195**	**371,695**	**54,404**	**18,161**	**444,260**	**0**	**0**	**666,733**	**666,733**	**0**	**0**
BEDFORD	**WHEELABRATOR ABRASIVES INC**							**1 ABRASIVE AVE**				**NAICS Code**	**327910**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	164,840
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	332,850
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	190,200

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Total for WHEELABRATOR ABRASIVES INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**687,890**
Total for Above County : (11 reports)		**19,500**	**352,195**	**371,695**	**54,404**	**18,161**	**444,260**	**0**	**0**	**666,733**	**666,733**	**0**	**687,890**
BLAND	**ABB INC**							**171 INDUSTRY DRIVE**				**NAICS Code**	**335311**
COPPER	N	0	0	0	0	0	0	0	0	0	0	1	477,429
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	33,248
NICKEL COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	3	27,108
Total for ABB INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**537,786**
BLAND	**PASCOR ATLANTIC CORP**							**254 INDUSTRY DR**				**NAICS Code**	**335313**
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	17,733
Total for PASCOR ATLANTIC CORP		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**17,733**
Total for Above County : (4 reports)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**555,519**
BOTETOURT	**ALTEC INDUSTRIES, INC.**							**325 SOUTH CENTER DRIVE**				**NAICS Code**	**336211**
MANGANESE	N	66	0	66	0	0	66	0	0	0	0	0	46,700
Total for ALTEC INDUSTRIES, INC.		**66**	**0**	**66**	**0**	**0**	**66**	**0**	**0**	**0**	**0**	**0**	**46,700**
BOTETOURT	**DYNAX AMERICA CORP**							**568 E PARK DR**				**NAICS Code**	**336350**
HYDROCHLORIC ACID (1995 AND	N	0	2,558	2,558	0	0	2,558	0	0	100,044	100,044	0	0
METHANOL	N	40,829	12,027	52,856	0	0	52,856	0	0	1,101,175	1,101,175	0	12,027
PHENOL	N	4,353	982	5,335	0	0	5,335	0	0	112,992	112,992	1	1,398
Total for DYNAX AMERICA CORP		**45,182**	**15,567**	**60,749**	**0**	**0**	**60,749**	**0**	**0**	**1,314,211**	**1,314,211**	**1**	**13,425**
BOTETOURT	**GENERAL SHALE BRICK INC PLANT 35 & 36**							**2353 WEBSTER RD**				**NAICS Code**	**327120**
HYDROCHLORIC ACID (1995 AND	N	0	29,860	29,860	0	0	29,860	0	0	5,266	5,266	0	0

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HYDROGEN FLUORIDE	N	0	9,640	9,640	0	0	9,640	0	0	102,567	102,567	0	0
MANGANESE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GENERAL SHALE BRICK INC PLANT 35 &		**0**	**39,500**	**39,500**	**0**	**0**	**39,500**	**0**	**0**	**107,833**	**107,833**	**0**	**0**
BOTETOURT	**METALSA ROANOKE INC.**							**184 VISTA DR**				**NAICS Code**	**336390**
MANGANESE	N	0	8	8	0	0	8	0	0	0	0	0	126,340
NICKEL	N	0	1	1	0	0	1	0	0	0	0	3	11,521
Total for METALSA ROANOKE INC.		**0**	**8**	**8**	**0**	**0**	**8**	**0**	**0**	**0**	**0**	**3**	**137,861**
BOTETOURT	**ROANOKE CEMENT CO LLC**							**6071 CATAWBA RD**				**NAICS Code**	**327310**
CHROMIUM COMPOUNDS(EXCEPT	Y	0	0	0	0	0	0	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	12,320	12,320	0	0	12,320	0	0	0	0	0	0
MANGANESE COMPOUNDS	N	373	124	497	649	20	1,166	0	0	0	0	0	0
SULFURIC ACID (1994 AND AFTER	N	0	33,487	33,487	0	0	33,487	0	0	0	0	0	0
Total for ROANOKE CEMENT CO LLC		**373**	**45,931**	**46,304**	**649**	**20**	**46,973**	**0**	**0**	**0**	**0**	**0**	**0**
BOTETOURT	**VIRGINIA TRANSFORMER CORP**							**201 TRANSFORMER WAY**				**NAICS Code**	**335311**
XYLENE (MIXED ISOMERS)	N	4,862	2,539	7,401	0	0	7,401	0	1,450	0	1,450	0	0
Total for VIRGINIA TRANSFORMER CORP		**4,862**	**2,539**	**7,401**	**0**	**0**	**7,401**	**0**	**1,450**	**0**	**1,450**	**0**	**0**
Total for Above County : (14 reports)		**50,483**	**103,545**	**154,028**	**649**	**20**	**154,697**	**0**	**1,450**	**1,422,044**	**1,423,494**	**4**	**197,986**
BRISTOL (CITY)	**STRONGWELL CORP BRISTOL**							**400 COMMONWEALTH AVE**				**NAICS Code**	**326199**
ANTIMONY	N	0	158	158	0	0	158	0	0	0	0	0	0
STYRENE	N	35,600	0	35,600	0	0	35,600	0	0	0	0	0	2,655
Total for STRONGWELL CORP BRISTOL		**35,600**	**158**	**35,758**	**0**	**0**	**35,758**	**0**	**0**	**0**	**0**	**0**	**2,655**
Total for Above County : (2 reports)		**35,600**	**158**	**35,758**	**0**	**0**	**35,758**	**0**	**0**	**0**	**0**	**0**	**2,655**

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BRUNSWICK	**REDLAND BRICK INC-LAWRENCEVILLE PLANT**							**16024 GOVERNOR HARRISON PKWY -**				**NAICS Code**	**327331**
HYDROGEN FLUORIDE	N	0	363	363	0	0	363	0	0	36,292	36,292	0	0
MANGANESE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for REDLAND BRICK INC-LAWRENCEVILLE		**0**	**363**	**363**	**0**	**0**	**363**	**0**	**0**	**36,292**	**36,292**	**0**	**0**
Total for Above County : (2 reports)		**0**	**363**	**363**	**0**	**0**	**363**	**0**	**0**	**36,292**	**36,292**	**0**	**0**
BUCHANAN	**JEWELL COKE CO LP**							**1034 DISMAL RIVER RD**				**NAICS Code**	**331110**
HYDROCHLORIC ACID (1995 AND	N	0	1,203,019	1,203,019	0	0	1,203,019	0	0	0	0	0	0
HYDROGEN FLUORIDE	N	0	35	35	0	0	35	0	0	0	0	0	0
SULFURIC ACID (1994 AND AFTER	N	0	774	774	0	0	774	0	0	0	0	0	0
Total for JEWELL COKE CO LP		**0**	**1,203,828**	**1,203,828**	**0**	**0**	**1,203,828**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (3 reports)		**0**	**1,203,828**	**1,203,828**	**0**	**0**	**1,203,828**	**0**	**0**	**0**	**0**	**0**	**0**
BUCKINGHAM	**BEAR GARDEN GENERATING STATION**							**2608 C.G. WOODSON ROAD -**				**NAICS Code**	**221112**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	N	0	8,520	8,520	0	0	8,520	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for BEAR GARDEN GENERATING STATION		**0**	**8,520**	**8,520**	**0**	**0**	**8,520**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (4 reports)		**0**	**8,520**	**8,520**	**0**	**0**	**8,520**	**0**	**0**	**0**	**0**	**0**	**0**
BUENA VISTA (CITY)	**EVERBRITE LLC**							**627 E 30TH ST -**				**NAICS Code**	**339950**
COPPER	N	0	5	5	0	0	5	0	0	0	0	0	11,282
MANGANESE	N	0	1	1	0	0	1	0	0	0	0	0	2,812

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Total for EVERBRITE LLC		**0**	**6**	**6**	**0**	**0**	**6**	**0**	**0**	**0**	**0**	**0**	**14,094**
Total for Above County : (2 reports)		**0**	**6**	**6**	**0**	**0**	**6**	**0**	**0**	**0**	**0**	**0**	**14,094**
CAMPBELL	**BANKER STEEL COMPANY, LLC**							**351 RANGOON ROAD**				**NAICS Code**	**332312**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	26,890
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	64,617
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	53,289
Total for BANKER STEEL COMPANY, LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**144,796**
CAMPBELL	**BWXT NUCLEAR OPERATIONS GROUP, INC.**							**1570 MOUNT ATHOS RD**				**NAICS Code**	**332410**
CHROMIUM COMPOUNDS(EXCEPT	N	12	76	88	2	7	97	0	0	0	0	0	122
COPPER COMPOUNDS	N	0	13	13	80	337	430	0	0	0	0	0	84,198
HYDROGEN FLUORIDE	N	0	148	148	0	0	148	0	2,130	105,244	107,374	0	2,408
NICKEL COMPOUNDS	N	3	155	158	4	14	176	0	0	0	0	0	50
NITRATE COMPOUNDS	N	0	0	0	0	497,787	497,787	0	0	1,409,963	1,409,963	0	164,274
NITRIC ACID	N	17	2,805	2,822	0	0	2,822	0	19,023	1,432,704	1,451,727	0	513,834
Total for BWXT NUCLEAR OPERATIONS GROUP, I		**32**	**3,197**	**3,230**	**85**	**498,145**	**501,460**	**0**	**21,153**	**2,947,911**	**2,969,064**	**0**	**764,887**
CAMPBELL	**GEORGIA-PACIFIC WOOD PRODUCTS LLC - BROOKNEAL OSB**							**11795 BROOKNEAL HIGHWAY**				**NAICS Code**	**321219**
ACETALDEHYDE	N	0	4,300	4,300	0	0	4,300	0	0	38,000	38,000	0	0
FORMALDEHYDE	N	0	14,000	14,000	38	0	14,038	0	0	87,000	87,000	0	0
MANGANESE COMPOUNDS	N	0	260	260	0	0	260	0	0	0	0	0	2,200
METHANOL	N	0	67,000	67,000	0	0	67,000	0	0	210,000	210,000	0	0
PHENOL	N	0	3,100	3,100	0	0	3,100	0	0	15,000	15,000	0	0
Total for GEORGIA-PACIFIC WOOD PRODUCTS L		**0**	**88,660**	**88,660**	**38**	**0**	**88,698**	**0**	**0**	**350,000**	**350,000**	**0**	**2,200**

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CAMPBELL	**SCHRADER-BRIDGEPORT INTERNATIONAL**							**205 FRAZIER RD**				**NAICS Code**	**336390**
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	1,406,804
Total for SCHRADER-BRIDGEPORT INTERNATION		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,406,804**
Total for Above County : (15 reports)		**32**	**91,857**	**91,890**	**123**	**498,145**	**590,158**	**0**	**21,153**	**3,297,911**	**3,319,064**	**0**	**2,318,687**
CAROLINE	**HOOVER TREATED WOOD PRODUCTS, INC**							**18315 HOUSE DR**				**NAICS Code**	**321999**
ARSENIC COMPOUNDS	N	0	0	0	0	3	3	0	0	0	0	0	0
CHROMIUM COMPOUNDS(EXCEPT	N	0	0	0	0	2	2	0	0	0	0	0	0
COPPER COMPOUNDS	N	0	0	0	0	2	2	0	0	0	0	0	0
FORMALDEHYDE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for HOOVER TREATED WOOD PRODUCTS, I		**0**	**0**	**0**	**0**	**7**	**7**	**0**	**0**	**0**	**0**	**0**	**0**
CAROLINE	**JCI JONES CHEMICALS INC.**							**16248 INDUSTRIAL DR**				**NAICS Code**	**424690**
CHLORINE	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for JCI JONES CHEMICALS INC.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CAROLINE	**LADYSMITH COMBUSTION TURBINE STATION**							**8063 CEDON RD -**				**NAICS Code**	**221112**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for LADYSMITH COMBUSTION TURBINE STA		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CAROLINE	**US ARMY FORT AP HILL GARRISON (PART)**							**19952 N RANGE RD**				**NAICS Code**	**928110**
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	0
NITROGLYCERIN	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for US ARMY FORT AP HILL GARRISON (PA		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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Total for Above County : (10 reports)		**0**	**0**	**0**	**0**	**7**	**7**	**0**	**0**	**0**	**0**	**0**	**0**
CARROLL	**VAUGHAN-BASSETT FURNITURE CO. GALAX**							**300 E GRAYSON ST**				**NAICS Code**	**337122**
METHANOL	N	1,636	9,270	10,906	0	0	10,906	0	0	0	0	0	273
TOLUENE	N	7,273	41,346	48,619	0	0	48,619	0	0	0	0	0	1,227
Total for VAUGHAN-BASSETT FURNITURE CO. GA		**8,909**	**50,617**	**59,526**	**0**	**0**	**59,526**	**0**	**0**	**0**	**0**	**0**	**1,500**
Total for Above County : (2 reports)		**8,909**	**50,617**	**59,526**	**0**	**0**	**59,526**	**0**	**0**	**0**	**0**	**0**	**1,500**
CHESAPEAKE (CITY)	**AMERICAN GFM CORP**							**1200 CAVALIER BLVD**				**NAICS Code**	**333517**
AMMONIA	N	0	6,696	6,696	0	0	6,696	0	0	0	0	0	0
Total for AMERICAN GFM CORP		**0**	**6,696**	**6,696**	**0**	**0**	**6,696**	**0**	**0**	**0**	**0**	**0**	**0**
CHESAPEAKE (CITY)	**ELIZABETH RIVER COMBUSTION TURBINE STATION**							**2837 S MILITARY HWY -**				**NAICS Code**	**221112**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for ELIZABETH RIVER COMBUSTION TURBI		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CHESAPEAKE (CITY)	**FLOWSERVE US INC**							**3900 COOK BLVD**				**NAICS Code**	**333911**
CHROMIUM	Y	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for FLOWSERVE US INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CHESAPEAKE (CITY)	**MITSUBISHI CHEMICAL COMPOSITES AMERICA**							**401 VOLVO PKWY**				**NAICS Code**	**332812**
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	58,538
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	8,040

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Total for MITSUBISHI CHEMICAL COMPOSITES A		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**66,578**
CHESAPEAKE (CITY)	**PERDUE FARMS INC-CHESAPEAKE GRAIN**							**501A BARNES RD**				**NAICS Code**	**311224**
N-HEXANE	N	70,235	156,325	226,560	0	0	226,560	0	0	0	0	137	137
Total for PERDUE FARMS INC-CHESAPEAKE GRA		**70,235**	**156,325**	**226,560**	**0**	**0**	**226,560**	**0**	**0**	**0**	**0**	**137**	**137**
Total for Above County : (9 reports)		**70,235**	**163,021**	**233,256**	**0**	**0**	**233,256**	**0**	**0**	**0**	**0**	**137**	**66,715**
CHESTERFIELD	**ALERIS ROLLED PRODUCTS INC**							**1701 REYMET RD**				**NAICS Code**	**331315**
ALUMINUM (FUME OR DUST)	N	2,287	4,528	6,815	0	0	6,815	0	0	0	0	0	165,057
Total for ALERIS ROLLED PRODUCTS INC		**2,287**	**4,528**	**6,815**	**0**	**0**	**6,815**	**0**	**0**	**0**	**0**	**0**	**165,057**
CHESTERFIELD	**BELLWOOD PRINTING PLANT**							**2001 REYMET RD**				**NAICS Code**	**323111**
AMMONIA	N	6,611	6,611	13,221	0	0	13,221	0	0	0	0	0	0
Total for BELLWOOD PRINTING PLANT		**6,611**	**6,611**	**13,221**	**0**	**0**	**13,221**	**0**	**0**	**0**	**0**	**0**	**0**
CHESTERFIELD	**CHESTERFIELD POWER STATION**							**500 COXENDALE RD -**				**NAICS Code**	**221112**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	N	0	120	120	0	14,000	14,120	0	0	0	0	0	0
ARSENIC COMPOUNDS	N	0	120	120	22,100	35	22,255	0	0	0	0	0	0
BARIUM COMPOUNDS	N	0	95	95	210,000	230	210,325	0	0	0	0	0	0
CHROMIUM COMPOUNDS(EXCEPT	N	0	210	210	38,500	1	38,711	0	0	0	0	0	0
COPPER COMPOUNDS	N	0	20	20	43,000	390	43,410	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	330,000	330,000	0	0	330,000	0	0	0	0	0	0
HYDROGEN FLUORIDE	N	0	41,000	41,000	0	0	41,000	0	0	0	0	0	0
MANGANESE COMPOUNDS	N	0	240	240	53,900	55	54,195	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0

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N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL COMPOUNDS	N	0	140	140	38,500	16	38,656	0	0	0	0	0	0
SULFURIC ACID (1994 AND AFTER	N	0	65,000	65,000	0	0	65,000	0	0	0	0	0	0
VANADIUM COMPOUNDS	N	0	50	50	81,500	0	81,550	0	0	0	0	0	0
ZINC COMPOUNDS	N	0	630	630	48,400	770	49,800	0	0	0	0	0	0
Total for CHESTERFIELD POWER STATION		**0**	**437,625**	**437,625**	**535,900**	**15,497**	**989,022**	**0**	**0**	**0**	**0**	**0**	**0**
CHESTERFIELD	**CHURCH & DWIGHT CO INC**							**1851 TOUCHSTONE RD**				**NAICS Code**	**326299**
AMMONIA	N	23,347	436,957	460,304	0	0	460,304	0	0	0	0	664	398
NITRATE COMPOUNDS	N	0	155	155	0	0	155	0	0	0	0	61,924	58,487
Total for CHURCH & DWIGHT CO INC		**23,347**	**437,112**	**460,459**	**0**	**0**	**460,459**	**0**	**0**	**0**	**0**	**62,588**	**58,885**
CHESTERFIELD	**DUPONT SPRUANCE PLANT**							**U.S. HWY 1 AT COGBILL RD**				**NAICS Code**	**325220**
1,3-PHENYLENEDIAMINE	N	0	0	0	0	0	0	0	0	0	0	0	2,772
AMMONIA	N	16,506	3,044	19,550	0	12,192	31,742	0	0	2,525	2,525	0	13,395
CHLOROFORM	N	951	6,089	7,040	0	19	7,059	0	0	205	205	0	0
DIMETHYLAMINE	N	11,662	0	11,662	0	23,262	34,924	0	0	83,709	83,709	0	0
NITRATE COMPOUNDS	N	0	0	0	0	27,984	27,984	0	0	0	0	0	0
N-METHYL-2-PYRROLIDONE	N	0	44,800	44,800	0	4,576	49,376	0	0	51,361	51,361	0	473,987
P-PHENYLENEDIAMINE	N	0	0	0	0	0	0	0	0	0	0	0	4,655
TOLUENE	N	18,710	20,270	38,980	0	20	39,000	0	0	0	0	0	9,818
TRICHLOROFLUOROMETHANE	N	134,575	3,203	137,778	0	33	137,811	0	0	0	0	0	0
Total for DUPONT SPRUANCE PLANT		**182,404**	**77,406**	**259,810**	**0**	**68,086**	**327,896**	**0**	**0**	**137,800**	**137,800**	**0**	**504,627**
CHESTERFIELD	**DUPONT TEIJIN FILMS**							**3600 DISCOVERY DR**				**NAICS Code**	**325211**
ACETALDEHYDE	N	14,980	79,476	94,456	0	738	95,194	0	0	3,010	3,010	211	179

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ANTIMONY COMPOUNDS	N	0	0	0	0	41	41	0	0	0	0	3	16
ETHYLENE GLYCOL	N	0	1,532	1,532	0	1,474	3,006	0	0	463,342	463,342	27,389	24,650
METHANOL	N	3,600	21,244	24,844	0	38	24,882	0	0	67	67	6	6
Total for DUPONT TEIJIN FILMS		**18,580**	**102,252**	**120,832**	**0**	**2,291**	**123,123**	**0**	**0**	**466,419**	**466,419**	**27,609**	**24,851**
CHESTERFIELD	**ETERNAL TECHNOLOGY CORP**							**1800 TOUCHSTONE RD -**				**NAICS Code**	**325992**
TOLUENE	N	1	3	3	0	0	3	259	0	0	259	0	16
Total for ETERNAL TECHNOLOGY CORP		**1**	**3**	**3**	**0**	**0**	**3**	**259**	**0**	**0**	**259**	**0**	**16**
CHESTERFIELD	**FUJIFILM WAKO CHEMICALS USA CORPORATION**							**1600 BELLWOOD RD**				**NAICS Code**	**325199**
AMMONIA	N	250	250	500	0	0	500	0	0	75,675	75,675	7,000	6,650
HYDROCHLORIC ACID (1995 AND	N	400	750	1,150	0	0	1,150	0	0	0	0	0	0
METHANOL	N	3,000	18,000	21,000	0	0	21,000	0	0	121,700	121,700	12,000	150,100
TOLUENE	N	750	3,000	3,750	0	0	3,750	0	0	23,000	23,000	460	341,951
Total for FUJIFILM WAKO CHEMICALS USA CORP		**4,400**	**22,000**	**26,400**	**0**	**0**	**26,400**	**0**	**0**	**220,375**	**220,375**	**19,460**	**498,701**
CHESTERFIELD	**GE ALSTOM RICHMOND SERVICE CENTER**							**1200 WILLIS RD**				**NAICS Code**	**333611**
CHROMIUM	N	18	0	18	0	3	21	0	0	0	0	0	64,005
COPPER	N	0	0	0	0	3	3	0	0	0	0	0	14,005
NICKEL	N	62	0	62	0	1	63	0	0	0	0	0	5,505
Total for GE ALSTOM RICHMOND SERVICE CENT		**80**	**0**	**80**	**0**	**7**	**87**	**0**	**0**	**0**	**0**	**0**	**83,515**
CHESTERFIELD	**HONEYWELL INTERNATIONAL COLONIAL HEIGHTS PLANT**							**15801 WOODS EDGE RD**				**NAICS Code**	**325220**
FREON 113	N	236,600	41,418	278,018	0	0	278,018	0	311,386,513	0	311,386,513	0	1,250
Total for HONEYWELL INTERNATIONAL COLONIA		**236,600**	**41,418**	**278,018**	**0**	**0**	**278,018**	**0**	**311,386,513**	**0**	**311,386,513**	**0**	**1,250**
CHESTERFIELD	**INDUSTRIAL CHEMICALS INC**							**2540 BELLWOOD RD**				**NAICS Code**	**424690**

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ETHYLENE GLYCOL	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for INDUSTRIAL CHEMICALS INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CHESTERFIELD	**PHILIP MORRIS USA PARK 500 SITE**							**4100 BERMUDA HUNDRED RD**				**NAICS Code**	**312230**
AMMONIA	N	3,002	299,810	302,812	0	128	302,940	0	0	2,222	2,222	0	602
CHLORINE	N	0	0	0	0	0	0	0	0	4,158	4,158	0	0
NICOTINE AND SALTS	N	175	17,511	17,686	0	17	17,703	0	0	84,297	84,297	0	104,605
NITRATE COMPOUNDS	N	0	0	0	0	2,424	2,424	0	0	170,511	170,511	0	0
Total for PHILIP MORRIS USA PARK 500 SITE		**3,177**	**317,321**	**320,498**	**0**	**2,569**	**323,067**	**0**	**0**	**261,188**	**261,188**	**0**	**105,207**
CHESTERFIELD	**SABRA DIPPING CO LLC**							**15900 SABRA WAY**				**NAICS Code**	**311999**
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	87,000	78,300
NITRIC ACID	N	0	0	0	0	0	0	0	0	88,852	88,852	0	0
Total for SABRA DIPPING CO LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**88,852**	**88,852**	**87,000**	**78,300**
CHESTERFIELD	**SAFETY-KLEEN SYSTEMS CHESTER (CVA)**							**1200 W 100 RD**				**NAICS Code**	**562112**
ETHYLENE GLYCOL	N	0	4	4	0	0	4	0	0	0	0	0	215,036
Total for SAFETY-KLEEN SYSTEMS CHESTER (CV		**0**	**4**	**4**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**215,036**
CHESTERFIELD	**SUPER RADIATOR COILS**							**451 SOUTHLAKE BLVD**				**NAICS Code**	**333414**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	10,132
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	7,334
Total for SUPER RADIATOR COILS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**17,466**
CHESTERFIELD	**TCS MATERIALS CHESTER PLANT**							**12020 OLD STAGE ROAD**				**NAICS Code**	**327320**
NITRATE COMPOUNDS	N	0	0	0	0	302	302	0	0	0	0	0	0
Total for TCS MATERIALS CHESTER PLANT		**0**	**0**	**0**	**0**	**302**	**302**	**0**	**0**	**0**	**0**	**0**	**0**

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CHESTERFIELD	**UNIVAR USA INC CHESTER FACILIT Y**							**1001 OLD BERMUDA HUNDRED RD**				**NAICS Code**	**424690**
CERTAIN GLYCOL ETHERS	Y	0	0	0	0	0	0	0	0	0	0	0	0
CHLORINE	Y	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
METHANOL	N	3	307	310	0	0	310	0	0	0	0	0	17,600
METHYL ISOBUTYL KETONE	Y	0	0	0	0	0	0	0	0	0	0	0	0
M-XYLENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N,N-DIMETHYLFORMAMIDE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-BUTYL ALCOHOL	Y	0	0	0	0	0	0	0	0	0	0	0	0
O-XYLENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
P-XYLENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	N	30	539	569	0	0	569	0	0	0	0	0	35,610
Total for UNIVAR USA INC CHESTER FACILIT Y		**33**	**846**	**879**	**0**	**0**	**879**	**0**	**0**	**0**	**0**	**0**	**53,210**
CHESTERFIELD	**US DEFENSE LOGISTICS AGENCY DEFENSE SUPPLY CENTER RICH**							**8000 JEFFERSON DAVIS HWY**				**NAICS Code**	**425120**
BROMOCHLORODIFLUOROMETHA	N	766	0	766	0	0	766	0	0	0	0	0	0
BROMOTRIFLUOROMETHANE	N	883	0	883	0	0	883	0	0	0	0	0	0
CHLORODIFLUOROMETHANE	N	235	0	235	0	0	235	0	0	0	0	0	0
DICHLORODIFLUOROMETHANE (C	N	6	0	6	0	0	6	0	0	0	0	0	0
DICHLOROTETRAFLUOROETHANE	N	250	0	250	0	0	250	0	0	0	0	0	0
TRICHLOROFLUOROMETHANE	N	6	0	6	0	0	6	0	0	0	0	0	0
Total for US DEFENSE LOGISTICS AGENCY DEFE		**2,146**	**0**	**2,146**	**0**	**0**	**2,146**	**0**	**0**	**0**	**0**	**0**	**0**
CHESTERFIELD	**VEOLIA JAMES RIVER PLANT**							**1201 BELLWOOD RD**				**NAICS Code**	**325180**
HYDROGEN SULFIDE	N	153	0	153	0	0	153	0	0	0	0	0	0

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SULFURIC ACID (1994 AND AFTER	N	2,766	6,912	9,678	0	0	9,678	0	0	0	0	0	0
Total for VEOLIA JAMES RIVER PLANT		**2,919**	**6,912**	**9,831**	**0**	**0**	**9,831**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (71 reports)		**482,584**	**1,454,037**	**1,936,621**	**535,900**	**88,752**	**2,561,273**	**259**	**311,386,513**	**1,174,634**	**312,561,407**	**196,657**	**1,806,121**
CLARKE	**GRIFFITH ENERGY SERVICES INC-BERRYVILLE**							**618 E MAIN ST -**				**NAICS Code**	**454310**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GRIFFITH ENERGY SERVICES INC-BERR		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CLARKE	**HUNT COUNTRY PROPANE**							**535 JACK ENDERS BLVD -**				**NAICS Code**	**454310**
PROPYLENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for HUNT COUNTRY PROPANE		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (4 reports)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
COLONIAL HEIGHTS (CITY)	**SUN CHEMICAL CORP**							**16000 CONTINENTAL BLVD -**				**NAICS Code**	**325910**
COPPER	N	6	6	12	0	0	12	0	0	0	0	0	0
Total for SUN CHEMICAL CORP		**6**	**6**	**12**	**0**	**0**	**12**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (1 record)		**6**	**6**	**12**	**0**	**0**	**12**	**0**	**0**	**0**	**0**	**0**	**0**
COVINGTON (CITY)	**INGEVITY VIRGINIA CORPORATION**							**958 E RIVERSIDE ST**				**NAICS Code**	**325998**
ACETALDEHYDE	N	2	2,300	2,302	0	0	2,302	0	0	47,000	47,000	0	0
FORMALDEHYDE	N	17	6,000	6,017	0	0	6,017	0	0	110,000	110,000	0	0
FORMIC ACID	N	0	25,000	25,000	0	0	25,000	0	0	580,000	580,000	0	0
METHANOL	N	0	99,000	99,000	0	0	99,000	0	0	2,000,000	2,000,000	0	0

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Total for INGEVITY VIRGINIA CORPORATION		**19**	**132,300**	**132,319**	**0**	**0**	**132,319**	**0**	**0**	**2,737,000**	**2,737,000**	**0**	**0**
COVINGTON (CITY)	**WESTROCK VIRGINIA CORPORATION (ENTIRE)**							**104 E. RIVERSIDE STREET**				**NAICS Code**	**322130**
ACETALDEHYDE	N	0	50,000	50,000	430	1,700	52,130	4,700	0	110,000	114,700	0	0
AMMONIA	N	260	230,000	230,260	0	850	231,110	0	0	440,000	440,000	0	0
BARIUM COMPOUNDS	N	0	1,700	1,700	40,000	0	41,700	0	0	0	0	0	0
CATECHOL	N	0	0	0	20	27	47	0	0	360	360	0	0
CHLORINE	N	10	500	510	0	0	510	0	0	90,000	90,000	0	0
CHLORINE DIOXIDE	N	5	4,200	4,205	0	0	4,205	0	0	480,000	480,000	0	0
CRESOL (MIXED ISOMERS)	N	0	18,000	18,000	540	1	18,541	1,900	0	23,000	24,900	0	0
FORMALDEHYDE	N	0	16,000	16,000	1,200	540	17,740	77	0	6,600	6,677	0	0
FORMIC ACID	N	0	0	0	2	130	132	0	0	200	200	0	0
HYDROCHLORIC ACID (1995 AND	N	0	210,000	210,000	0	0	210,000	0	0	220,000	220,000	0	0
HYDROGEN SULFIDE	N	11,000	86,000	97,000	14,000	5	111,005	0	0	1,700,000	1,700,000	0	0
MANGANESE COMPOUNDS	N	0	500	500	140,000	39,000	179,500	0	0	0	0	0	0
METHANOL	N	0	1,600,000	1,600,000	10,000	1,700	1,611,700	680,000	0	25,000,000	25,680,000	0	0
NITRATE COMPOUNDS	N	0	0	0	74	0	74	0	0	0	0	0	0
PHENOL	N	0	40,000	40,000	350	1	40,351	440	0	8,400	8,840	0	0
SULFURIC ACID (1994 AND AFTER	N	0	51,000	51,000	0	0	51,000	0	0	68,000	68,000	0	0
VANADIUM COMPOUNDS	N	0	18	18	20,000	620	20,638	0	0	0	0	0	0
ZINC COMPOUNDS	N	0	550	550	41,000	1,600	43,150	0	0	0	0	0	0
Total for WESTROCK VIRGINIA CORPORATION (E		**11,275**	**2,308,468**	**2,319,743**	**267,616**	**46,174**	**2,633,533**	**687,117**	**0**	**28,146,560**	**28,833,677**	**0**	**0**
Total for Above County : (22 reports)		**11,294**	**2,440,768**	**2,452,062**	**267,616**	**46,174**	**2,765,852**	**687,117**	**0**	**30,883,560**	**31,570,677**	**0**	**0**

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Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
CULPEPER	**ARDENT MILLS, LLC**							**1900 INDUSTRY DR**				**NAICS Code**	**311211**
CHLORINE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for ARDENT MILLS, LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CULPEPER	**BINGHAM & TAYLOR**							**601 NALLE PL**				**NAICS Code**	**331511**
CHROMIUM	N	0	1	1	0	0	1	0	0	0	0	0	3,967
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	813
MANGANESE	N	0	26	26	0	0	26	0	0	0	0	0	3,522
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	5,224
Total for BINGHAM & TAYLOR		**0**	**27**	**27**	**0**	**0**	**27**	**0**	**0**	**0**	**0**	**0**	**13,526**
CULPEPER	**CULPEPER WOOD PRESERVERS**							**15487 BRAGGS CORNER RD**				**NAICS Code**	**321114**
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for CULPEPER WOOD PRESERVERS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CULPEPER	**MASCO CABINETRY LLC**							**641 MADDOX DR**				**NAICS Code**	**337110**
XYLENE (MIXED ISOMERS)	N	0	21,266	21,266	0	0	21,266	0	0	0	0	0	7,358
Total for MASCO CABINETRY LLC		**0**	**21,266**	**21,266**	**0**	**0**	**21,266**	**0**	**0**	**0**	**0**	**0**	**7,358**
CULPEPER	**QUARLES PETROLEUM INC. CULPEPER BULK PLANT**							**15427 BRANDY RD -**				**NAICS Code**	**424710**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0

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Total for QUARLES PETROLEUM INC. CULPEPER		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CULPEPER	**TE CONNECTIVITY**							**751 OLD BRANDY RD**				**NAICS Code**	**331491**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	11,498
COPPER	N	0	0	0	0	0	0	0	0	0	0	5	114,707
MANGANESE	N	0	5	5	0	0	5	0	0	0	0	0	29,226
NICKEL	N	0	1	1	0	0	1	0	0	0	0	0	5,771
ZINC (FUME OR DUST)	N	0	0	0	0	0	0	0	0	0	0	0	41,448
Total for TE CONNECTIVITY		**0**	**6**	**6**	**0**	**0**	**6**	**0**	**0**	**0**	**0**	**5**	**202,649**
Total for Above County : (18 reports)		**0**	**21,300**	**21,300**	**0**	**0**	**21,300**	**0**	**0**	**0**	**0**	**5**	**223,532**
CUMBERLAND	**GEMINI-FARMVILLE**							**102 HAUSCHILD DR**				**NAICS Code**	**339950**
COPPER	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GEMINI-FARMVILLE		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (1 record)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
DANVILLE (CITY)	**THE GOODYEAR TIRE & RUBBER CO.**							**1901 GOODYEAR BLVD**				**NAICS Code**	**326211**
COBALT COMPOUNDS	N	0	2	2	0	0	2	0	0	0	0	0	2,651
ZINC COMPOUNDS	N	0	250	250	0	107	357	0	0	0	0	759	446,260
Total for THE GOODYEAR TIRE & RUBBER CO.		**0**	**252**	**252**	**0**	**107**	**359**	**0**	**0**	**0**	**0**	**759**	**448,911**
Total for Above County : (2 reports)		**0**	**252**	**252**	**0**	**107**	**359**	**0**	**0**	**0**	**0**	**759**	**448,911**
DINWIDDIE	**CHAPARRAL (VA) INC**							**25801 HOFHEIMER WAY -**				**NAICS Code**	**331110**
CHROMIUM COMPOUNDS(EXCEPT	N	15	25	40	0	9	49	0	0	0	0	0	37,549
COPPER COMPOUNDS	N	0	0	0	0	9	9	0	0	0	0	0	35,699

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MANGANESE COMPOUNDS	N	116	123	239	0	0	239	0	0	0	0	0	55,312
NICKEL COMPOUNDS	N	1	79	80	0	0	80	0	0	0	0	0	5,151
ZINC COMPOUNDS	N	0	0	0	0	48	48	0	0	0	0	0	1,702,771
Total for CHAPARRAL (VA) INC		**132**	**227**	**359**	**0**	**66**	**425**	**0**	**0**	**0**	**0**	**0**	**1,836,482**
DINWIDDIE	**MECHANICSVILLE CONCRETE LLC-PETERSBURG PLANT**							**26317 SIMPSON RD**				**NAICS Code**	**327320**
NITRATE COMPOUNDS	N	0	0	0	0	15	15	0	0	0	0	0	0
Total for MECHANICSVILLE CONCRETE LLC-PETE		**0**	**0**	**0**	**0**	**15**	**15**	**0**	**0**	**0**	**0**	**0**	**0**
DINWIDDIE	**TMS INTERNATIONAL, LLC**							**25805 HOFHEIMER WAY**				**NAICS Code**	**562920**
COPPER	N	22	0	22	0	0	22	0	0	0	0	0	0
MANGANESE COMPOUNDS	N	41	0	41	0	0	41	0	0	0	0	0	0
NICKEL	N	7	0	7	0	0	7	0	0	0	0	0	0
Total for TMS INTERNATIONAL, LLC		**71**	**0**	**71**	**0**	**0**	**71**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (9 reports)		**203**	**227**	**430**	**0**	**81**	**511**	**0**	**0**	**0**	**0**	**0**	**1,836,482**
FAIRFAX	**BUSH CENTER FOR INTELLIGENCE (CIA)**							**1000 COLONIAL FARM RD**				**NAICS Code**	**928110**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for BUSH CENTER FOR INTELLIGENCE (CIA)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FAIRFAX	**NEWINGTON CONCRETE PLANT**							**8413 TERMINAL RD**				**NAICS Code**	**327320**
NITRATE COMPOUNDS	N	0	0	0	0	236	236	0	0	0	0	0	0
Total for NEWINGTON CONCRETE PLANT		**0**	**0**	**0**	**0**	**236**	**236**	**0**	**0**	**0**	**0**	**0**	**0**
FAIRFAX	**SICPA SECURINK CORP**							**8000 RESEARCH WAY**				**NAICS Code**	**325910**
CERTAIN GLYCOL ETHERS	N	312	0	312	0	0	312	0	0	0	0	0	1,000
PHTHALIC ANHYDRIDE	Y	0	0	0	0	0	0	0	0	0	0	0	0

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TOLUENE DIISOCYANATE (MIXED	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for SICPA SECURINK CORP		**312**	**0**	**312**	**0**	**0**	**312**	**0**	**0**	**0**	**0**	**0**	**1,000**
FAIRFAX	**TITAN VIRGINIA READY-MIX LLC-CENTREVILLE PLANT**							**15718 LEE HWY**				**NAICS Code**	**327320**
NITRATE COMPOUNDS	N	0	0	0	0	35	35	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-CENTR		**0**	**0**	**0**	**0**	**35**	**35**	**0**	**0**	**0**	**0**	**0**	**0**
FAIRFAX	**TITAN VIRGINIA READY-MIX LLC-SPRINGFIELD PLANT**							**6600 ELECTRONIC DR**				**NAICS Code**	**327320**
NITRATE COMPOUNDS	N	0	0	0	0	65	65	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-SPRING		**0**	**0**	**0**	**0**	**65**	**65**	**0**	**0**	**0**	**0**	**0**	**0**
FAIRFAX	**US ARMY GARRISON FORT BELVOIR**							**9430 JACKSON LOOP -**				**NAICS Code**	**928110**
ETHYLBENZENE	N	2	2	4	0	0	4	0	0	0	0	0	5
NAPHTHALENE	N	0	1	1	1	0	1	0	0	0	0	0	17
Total for US ARMY GARRISON FORT BELVOIR		**2**	**3**	**5**	**1**	**0**	**5**	**0**	**0**	**0**	**0**	**0**	**22**
FAIRFAX	**VIRGINIA CONCRETE EDSALL ROAD PLANT**							**5412 INDUSTRIAL DR**				**NAICS Code**	**327320**
NITRATE COMPOUNDS	N	0	0	0	0	228	228	0	0	0	0	0	0
Total for VIRGINIA CONCRETE EDSALL ROAD PL		**0**	**0**	**0**	**0**	**228**	**228**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (10 reports)		**314**	**3**	**317**	**1**	**565**	**882**	**0**	**0**	**0**	**0**	**0**	**1,022**
FAIRFAX (CITY)	**MOTIVA FAIRFAX TERMINAL**							**3800 PICKETT RD**				**NAICS Code**	**424710**
1,2,4-TRIMETHYLBENZENE	N	38	14	52	0	0	52	0	0	0	0	0	0
BENZENE	N	72	149	221	0	0	221	0	0	0	0	0	0
CUMENE	N	3	8	11	0	0	11	0	0	0	0	0	0
ETHYLBENZENE	N	24	35	59	0	0	59	0	0	0	0	0	0
NAPHTHALENE	N	4	4	8	0	0	8	0	0	0	0	0	0

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N-HEXANE	N	124	251	375	0	0	375	0	0	0	0	0	0
STYRENE	N	2	4	6	0	0	6	0	0	0	0	0	0
TOLUENE	N	179	319	498	0	0	498	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	137	169	306	0	0	306	0	0	0	0	0	0
Total for MOTIVA FAIRFAX TERMINAL		**583**	**953**	**1,536**	**0**	**0**	**1,536**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (9 reports)		**583**	**953**	**1,536**	**0**	**0**	**1,536**	**0**	**0**	**0**	**0**	**0**	**0**
FAUQUIER	**FIBERGLASS ENGINEERING CO**							**5019 AIRPORT RD**				**NAICS Code**	**326199**
STYRENE	N	8,100	0	8,100	0	0	8,100	0	0	0	0	0	0
Total for FIBERGLASS ENGINEERING CO		**8,100**	**0**	**8,100**	**0**	**0**	**8,100**	**0**	**0**	**0**	**0**	**0**	**0**
FAUQUIER	**OLD DOMINION ELECTRIC CO-OP MARSH RUN GENERATION FACIL**							**12109 LUCKY HILL RD -**				**NAICS Code**	**221112**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for OLD DOMINION ELECTRIC CO-OP MARS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FAUQUIER	**REMINGTON POWER STATION**							**12025 LUCKY HILL ROAD -**				**NAICS Code**	**221112**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for REMINGTON POWER STATION		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (7 reports)		**8,100**	**0**	**8,100**	**0**	**0**	**8,100**	**0**	**0**	**0**	**0**	**0**	**0**
FRANKLIN	**BLUE RIDGE SOLVENTS & COATINGS**							**3800 ORIGINAL HENRY RD -**				**NAICS Code**	**325510**
TOLUENE	Y	0	0	0	0	0	0	0	0	0	0	0	0

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Total for BLUE RIDGE SOLVENTS & COATINGS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FRANKLIN	**FLEETWOOD HOMES OF VIRGINIA INC 19-2**							**90 WEAVER ST**				**NAICS Code**	**321991**
DIISOCYANATES	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for FLEETWOOD HOMES OF VIRGINIA INC 1		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FRANKLIN	**GREAT SOUTHERN WOOD - VA, INC.**							**1050 N MAIN ST**				**NAICS Code**	**321114**
ARSENIC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM COMPOUNDS(EXCEPT	Y	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GREAT SOUTHERN WOOD - VA, INC.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (5 reports)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FREDERICK	**FISHER SCIENTIFIC INTERNATIONAL MTN DIAGNOSTICS PLANT**							**8365 VALLEY PIKE**				**NAICS Code**	**325413**
CERTAIN GLYCOL ETHERS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for FISHER SCIENTIFIC INTERNATIONAL MT		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FREDERICK	**HP HOOD LLC**							**160 HOOD WAY**				**NAICS Code**	**311511**
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	80,886	80,886
NITRIC ACID	N	0	0	0	0	0	0	0	0	82,175	82,175	0	0
PERACETIC ACID	N	0	0	0	0	0	0	0	0	35,460	35,460	0	0
Total for HP HOOD LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**117,635**	**117,635**	**80,886**	**80,886**
FREDERICK	**KINGSPAN INSULATION LLC**							**172 PACTIV WAY**				**NAICS Code**	**326140**
METHANOL	N	49,342	0	49,342	0	0	49,342	0	0	0	0	0	0
Total for KINGSPAN INSULATION LLC		**49,342**	**0**	**49,342**	**0**	**0**	**49,342**	**0**	**0**	**0**	**0**	**0**	**0**
FREDERICK	**QG PRINTING II CORP**							**160 CENTURY LN STONEWALL IND US TRIANGLE**				**NAICS Code**	**323111**

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Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
CERTAIN GLYCOL ETHERS	N	6,709	313	7,023	0	0	7,023	0	0	15,342	15,342	0	0
ETHYLENE GLYCOL	N	3,689	172	3,861	0	0	3,861	0	0	8,435	8,435	0	0
Total for QG PRINTING II CORP		**10,398**	**485**	**10,883**	**0**	**0**	**10,883**	**0**	**0**	**23,777**	**23,777**	**0**	**0**
FREDERICK	**QUARLES PETROLEUM INC. WINCHESTER BULK PLANT**							**779 SMITHFIELD AVE -**				**NAICS Code**	**424710**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUARLES PETROLEUM INC. WINCHEST		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FREDERICK	**TREX - VIRGINIA MANUFACTURING OPERATIONS**							**3229 SHAWNEE DRIVE**				**NAICS Code**	**326199**
CHROMIUM COMPOUNDS(EXCEPT	Y	0	0	0	0	0	0	0	0	0	0	0	0
ZINC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for TREX - VIRGINIA MANUFACTURING OPE		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FREDERICK	**VALLEY PROTEINS INC-WINCHESTER FACILITY**							**1635 INDIAN HOLLOW RD**				**NAICS Code**	**311613**
CHLORINE DIOXIDE	N	0	0	0	21,710	0	21,710	0	0	0	0	0	0
Total for VALLEY PROTEINS INC-WINCHESTER F		**0**	**0**	**0**	**21,710**	**0**	**21,710**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (14 reports)		**59,741**	**485**	**60,226**	**21,710**	**0**	**81,936**	**0**	**0**	**141,412**	**141,412**	**80,886**	**80,886**
GALAX (CITY)	**CONSOLIDATED GLASS & MIRROR, LLC - PLANT 2**							**110 JACK GUYNN DR**				**NAICS Code**	**327215**
N-BUTYL ALCOHOL	N	2,589	8,520	11,109	0	0	11,109	0	0	0	0	0	144
Total for CONSOLIDATED GLASS & MIRROR, LLC		**2,589**	**8,520**	**11,109**	**0**	**0**	**11,109**	**0**	**0**	**0**	**0**	**0**	**144**
Total for Above County : (1 record)		**2,589**	**8,520**	**11,109**	**0**	**0**	**11,109**	**0**	**0**	**0**	**0**	**0**	**144**

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Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
GILES	**CELANESE ACETATE LLC - CELCO P LANT**							**3520 VIRGINIA AVE**				**NAICS Code**	**325220**
1,3-BUTADIENE	N	250	250	500	0	0	500	28,933	0	0	28,933	0	0
ACETAMIDE	N	0	0	0	0	250	250	0	0	163,327	163,327	0	0
ACETONITRILE	N	1,773	55	1,828	0	24	1,852	24,209	0	0	24,209	0	10
AMMONIA	N	0	27,557	27,557	0	974	28,531	0	0	11,130	11,130	0	0
CHLORINE	Y	0	0	0	0	0	0	0	0	0	0	0	0
CYCLOHEXANE	N	117,627	7,194	124,821	0	0	124,821	281,890	0	0	281,890	0	10
DICHLOROMETHANE	N	39,389	0	39,389	0	0	39,389	0	0	0	0	0	278
ETHYLENE	N	3,086	689	3,775	0	0	3,775	686,362	0	0	686,362	0	0
NITRATE COMPOUNDS	N	0	0	0	0	55,474	55,474	0	0	0	0	0	0
Total for CELANESE ACETATE LLC - CELCO P LA		**162,125**	**35,745**	**197,870**	**0**	**56,722**	**254,591**	**1,021,394**	**0**	**174,457**	**1,195,851**	**0**	**297**
GILES	**LHOIST NA OF VIRGINIA INC KIMBALLTON AREA 1**							**2093 BIG STONY CREEK RD**				**NAICS Code**	**327410**
HYDROCHLORIC ACID (1995 AND	N	0	63,641	63,641	0	0	63,641	0	0	0	0	0	0
VANADIUM COMPOUNDS	N	1	1	2	9,187	0	9,189	0	0	0	0	0	0
Total for LHOIST NA OF VIRGINIA INC KIMBALLTO		**1**	**63,642**	**63,643**	**9,187**	**0**	**72,830**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (11 reports)		**162,126**	**99,387**	**261,513**	**9,187**	**56,722**	**327,422**	**1,021,394**	**0**	**174,457**	**1,195,851**	**0**	**297**
GREENSVILLE	**CREATIVE PLAYTHINGS LTD.**							**859 INDUSTRIAL DR**				**NAICS Code**	**321999**
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	819
Total for CREATIVE PLAYTHINGS LTD.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**819**
GREENSVILLE	**GEORGIA PACIFIC WOOD PRODUCTS LLC EMPORIA PLYWOOD**							**634 DAVIS ST**				**NAICS Code**	**321212**
METHANOL	N	3,300	28,000	31,300	0	0	31,300	0	0	26,000	26,000	0	0
Total for GEORGIA PACIFIC WOOD PRODUCTS		**3,300**	**28,000**	**31,300**	**0**	**0**	**31,300**	**0**	**0**	**26,000**	**26,000**	**0**	**0**

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GREENSVILLE	**STEELFAB OF VIRGINIA INC**							**1510 REESE ST**				**NAICS Code**	**332312**
CHROMIUM	N	125	0	125	0	0	125	0	0	0	0	0	29,831
COPPER	N	187	42	229	0	4	232	0	0	0	0	0	44,525
MANGANESE	N	137	145	282	0	0	282	0	0	0	0	0	32,651
NICKEL	N	218	6	225	0	0	225	0	0	0	0	0	52,094
PROPYLENE	N	144	0	144	0	0	144	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	12,082	0	12,082	0	0	12,082	0	0	0	0	0	0
Total for STEELFAB OF VIRGINIA INC		**12,893**	**193**	**13,086**	**0**	**4**	**13,090**	**0**	**0**	**0**	**0**	**0**	**159,101**
Total for Above County : (8 reports)		**16,193**	**28,193**	**44,386**	**0**	**4**	**44,390**	**0**	**0**	**26,000**	**26,000**	**0**	**159,920**
HALIFAX	**ABB INC**							**2135 PHILPOTT RD**				**NAICS Code**	**335311**
CHROMIUM	N	7	0	7	0	0	7	0	0	0	0	0	87,921
COPPER	N	81	0	81	0	0	81	0	0	0	0	3	720,165
MANGANESE	N	65	0	65	0	0	65	0	0	0	0	0	164,951
NICKEL	N	5	0	5	0	0	5	0	0	0	0	1	64,604
Total for ABB INC		**158**	**0**	**158**	**0**	**0**	**158**	**0**	**0**	**0**	**0**	**4**	**1,037,641**
HALIFAX	**AQUATIC CO**							**1100 INDUSTRIAL PARK RD HALIFAX INDUSTRIAL**				**NAICS Code**	**326191**
STYRENE	N	7,140	103,620	110,760	0	0	110,760	0	0	491	491	0	3,777
Total for AQUATIC CO		**7,140**	**103,620**	**110,760**	**0**	**0**	**110,760**	**0**	**0**	**491**	**491**	**0**	**3,777**
HALIFAX	**CLOVER POWER STATION**							**4091 CLOVER RD -**				**NAICS Code**	**221112**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC COMPOUNDS	N	0	11	11	20,100	52	20,163	0	0	0	0	0	2,610
BARIUM COMPOUNDS	N	0	0	0	190,000	740	190,740	0	0	0	0	0	24,600

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CHROMIUM COMPOUNDS(EXCEPT	N	0	231	231	34,400	14	34,645	0	0	0	0	0	4,470
COPPER COMPOUNDS	N	0	71	71	38,800	31	38,902	0	0	0	0	0	5,040
HYDROCHLORIC ACID (1995 AND	N	0	12,010	12,010	0	0	12,010	0	0	1,633,000	1,633,000	0	0
HYDROGEN CYANIDE	N	0	25,700	25,700	0	0	25,700	0	0	0	0	0	0
HYDROGEN FLUORIDE	N	0	5,960	5,960	0	0	5,960	0	0	200,000	200,000	0	0
MANGANESE COMPOUNDS	N	0	438	438	53,000	1,920	55,358	0	0	0	0	0	6,890
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL COMPOUNDS	N	0	239	239	34,200	23	34,462	0	0	0	0	0	4,450
SULFURIC ACID (1994 AND AFTER	N	0	196,000	196,000	0	0	196,000	0	0	365,000	365,000	0	0
VANADIUM COMPOUNDS	N	0	144	144	73,200	0	73,344	0	0	0	0	0	9,500
ZINC COMPOUNDS	N	0	0	0	44,600	260	44,860	0	0	0	0	0	5,790
Total for CLOVER POWER STATION		**0**	**240,804**	**240,804**	**488,300**	**3,040**	**732,144**	**0**	**0**	**2,198,000**	**2,198,000**	**0**	**63,350**
HALIFAX	**HUBER ENGINEERED WOODS LLC**							**1000 CHANEY LN**				**NAICS Code**	**321219**
ACETALDEHYDE	N	403	5,065	5,468	0	0	5,468	0	0	65,031	65,031	0	0
ACROLEIN	N	360	13,006	13,366	0	0	13,366	0	0	44,899	44,899	0	0
DIISOCYANATES	N	0	54	54	0	0	54	0	0	1	1	0	0
FORMALDEHYDE	N	111	16,548	16,659	0	0	16,659	40	0	187,461	187,501	0	0
METHANOL	N	583	38,349	38,932	0	0	38,932	0	0	110,294	110,294	0	0
PHENOL	N	742	7,891	8,633	0	0	8,633	0	0	83,482	83,482	0	0
Total for HUBER ENGINEERED WOODS LLC		**2,199**	**80,913**	**83,112**	**0**	**0**	**83,112**	**40**	**0**	**491,168**	**491,208**	**0**	**0**
HALIFAX	**VOESTALPINE HIGH PERFORMANCE METALS - SOUTH BOSTON PL**							**2306 EASTOVER DR -**				**NAICS Code**	**331222**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	14,442

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COBALT	N	0	0	0	0	0	0	0	0	0	0	0	4,875
METHANOL	N	5	5	10	0	0	10	0	0	0	0	0	0
Total for VOESTALPINE HIGH PERFORMANCE ME		**5**	**5**	**10**	**0**	**0**	**10**	**0**	**0**	**0**	**0**	**0**	**19,317**
Total for Above County : (29 reports)		**9,502**	**425,342**	**434,844**	**488,300**	**3,040**	**926,184**	**40**	**0**	**2,689,659**	**2,689,699**	**4**	**1,124,085**
HAMPTON (CITY)	**CATALINA CYLINDERS INC**							**2400 ALUMINUM AVE**				**NAICS Code**	**331318**
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	3,627
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	8,570	28,955
NITRIC ACID	N	5	5	10	0	0	10	0	0	32,160	32,160	0	0
Total for CATALINA CYLINDERS INC		**5**	**5**	**10**	**0**	**0**	**10**	**0**	**0**	**32,160**	**32,160**	**8,570**	**32,582**
HAMPTON (CITY)	**HOWMET CASTINGS & SERVICES INC**							**ONE HOWMET DR**				**NAICS Code**	**331529**
4,4'-ISOPROPYLIDENEDIPHENOL	N	34	34	68	0	0	68	0	0	1,651	1,651	84	166,777
ALUMINUM (FUME OR DUST)	N	0	2,555	2,555	0	0	2,555	0	0	0	0	0	0
CHROMIUM	N	0	5	5	0	0	5	0	0	0	0	15	12,061
COBALT	N	0	6	6	0	0	6	0	0	0	0	7	10,553
HYDROGEN FLUORIDE	N	0	492	492	0	0	492	0	0	36,208	36,208	29	62,910
NICKEL	N	0	13	13	0	0	13	0	0	0	0	43	58,673
NITRIC ACID	N	0	824	824	0	0	824	0	0	1,193	1,193	0	18,307
Total for HOWMET CASTINGS & SERVICES INC		**34**	**3,929**	**3,963**	**0**	**0**	**3,963**	**0**	**0**	**39,052**	**39,052**	**178**	**329,282**
HAMPTON (CITY)	**TIDEWATER WOOD PRODUCTS, LLC**							**5604 CITY LINE RD**				**NAICS Code**	**321114**
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for TIDEWATER WOOD PRODUCTS, LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
HAMPTON (CITY)	**U.S. DOD, USAF, JOINT BASE LANGLEY EUSTIS - LANGLEY AFB**							**633 CES/CEIE 37 SWEENEY BLVD**				**NAICS Code**	**928110**

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ETHYLBENZENE	N	0	14	14	0	0	14	0	0	0	0	0	0
NAPHTHALENE	N	0	78	78	0	0	78	0	0	0	0	0	0
Total for U.S. DOD, USAF, JOINT BASE LANGLEY		**0**	**92**	**92**	**0**	**0**	**92**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (13 reports)		**39**	**4,026**	**4,065**	**0**	**0**	**4,065**	**0**	**0**	**71,212**	**71,212**	**8,748**	**361,864**
HANOVER	**CHEMTREAT INC**							**10040 LICKINGHOLE RD**				**NAICS Code**	**325998**
SODIUM NITRITE	N	0	0	0	0	0	0	0	0	0	0	0	1,520
ZINC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CHEMTREAT INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,520**
HANOVER	**COMMONWEALTH GALVANIZING**							**10988 LEADBETTER RD -**				**NAICS Code**	**332812**
HYDROCHLORIC ACID (1995 AND	N	690	0	690	0	0	690	0	0	0	0	0	21,737
ZINC COMPOUNDS	N	664	0	664	0	385	1,049	0	0	0	0	0	43,007
Total for COMMONWEALTH GALVANIZING		**1,354**	**0**	**1,354**	**0**	**385**	**1,739**	**0**	**0**	**0**	**0**	**0**	**64,744**
HANOVER	**DOSWELL LP**							**10098 OLD RIDGE RD**				**NAICS Code**	**221112**
1,2,4-TRIMETHYLBENZENE	N	5	59,112	59,117	0	0	59,117	0	0	0	0	0	0
AMMONIA	N	5	156,390	156,395	0	0	156,395	0	0	0	0	0	0
NAPHTHALENE	N	5	32,512	32,517	0	0	32,517	0	0	0	0	0	0
N-HEXANE	N	5	59,112	59,117	0	0	59,117	0	0	0	0	0	0
Total for DOSWELL LP		**20**	**307,126**	**307,146**	**0**	**0**	**307,146**	**0**	**0**	**0**	**0**	**0**	**0**
HANOVER	**PUGH LUBRICANTS ASHLAND**							**10992 LEADBETTER RD -**				**NAICS Code**	**424710**
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
ZINC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0

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Total for PUGH LUBRICANTS ASHLAND		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
HANOVER	**SOUTH ATLANTIC GALVANIZING LLC**							**11022 LEWISTOWN RD -**				**NAICS Code**	**332812**
ZINC COMPOUNDS	N	4,596	0	4,596	0	52	4,648	0	0	0	0	0	216,324
Total for SOUTH ATLANTIC GALVANIZING LLC		**4,596**	**0**	**4,596**	**0**	**52**	**4,648**	**0**	**0**	**0**	**0**	**0**	**216,324**
HANOVER	**TYSON FARMS INC. - PROCESSING FACILITY**							**13264 MOUNTAIN RD**				**NAICS Code**	**311615**
CERTAIN GLYCOL ETHERS	N	0	0	0	0	7	7	0	0	11,345	11,345	0	0
NITRATE COMPOUNDS	N	0	0	0	0	40,799	40,799	0	0	1,008,887	1,008,887	0	0
PERACETIC ACID	N	20	0	20	0	0	20	0	0	138,609	138,609	0	0
Total for TYSON FARMS INC. - PROCESSING FACI		**20**	**0**	**20**	**0**	**40,806**	**40,826**	**0**	**0**	**1,158,841**	**1,158,841**	**0**	**0**
Total for Above County : (15 reports)		**5,990**	**307,126**	**313,116**	**0**	**41,243**	**354,359**	**0**	**0**	**1,158,841**	**1,158,841**	**0**	**282,588**
HARRISONBURG (CITY)	**GEORGE'S FOODS LLC FEED MILL**							**61 KRATZER RD -**				**NAICS Code**	**311119**
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
ZINC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GEORGE'S FOODS LLC FEED MILL		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
HARRISONBURG (CITY)	**GILMER INDUSTRIES INC**							**560 STONE SPRING RD -**				**NAICS Code**	**325611**
CERTAIN GLYCOL ETHERS	Y	0	0	0	0	0	0	0	0	0	0	0	0
DIETHANOLAMINE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NITRIC ACID	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GILMER INDUSTRIES INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
HARRISONBURG (CITY)	**PILGRIM'S PRIDE CORP HARRISONBURG FEEDMILL**							**590 MT CLINTON PIKE**				**NAICS Code**	**311119**
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0

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MANGANESE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
ZINC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for PILGRIM'S PRIDE CORP HARRISONBUR		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
HARRISONBURG (CITY)	**QUARLES PETROLEUM INC HARRISONBURG BULK PLANT**							**1006 W MARKET ST -**				**NAICS Code**	**424710**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUARLES PETROLEUM INC HARRISONB		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
HARRISONBURG (CITY)	**TENNECO WALKER MANUFACTURING CO**							**3160 ABBOTT LN**				**NAICS Code**	**336390**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	308,363
COBALT	N	0	0	0	0	0	0	0	0	0	0	0	19,738
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	63,046
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	292,932
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	128,935
Total for TENNECO WALKER MANUFACTURING C		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**813,014**
Total for Above County : (18 reports)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**813,014**
HENRICO	**CADMUS SPECIALTY PUBLICATIONS**							**2901 BYRDHILL RD**				**NAICS Code**	**323111**
CERTAIN GLYCOL ETHERS	N	4,123	190	4,312	0	0	4,312	0	0	0	0	301	276
Total for CADMUS SPECIALTY PUBLICATIONS		**4,123**	**190**	**4,312**	**0**	**0**	**4,312**	**0**	**0**	**0**	**0**	**301**	**276**
HENRICO	**ENNIS-FLINT RICHMOND**							**4400 VAWTER AVE**				**NAICS Code**	**325510**
CERTAIN GLYCOL ETHERS	N	0	105	105	0	0	105	0	0	0	0	0	6,740

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METHANOL	N	0	16,080	16,080	0	0	16,080	0	0	0	0	0	10,722
Total for ENNIS-FLINT RICHMOND		**0**	**16,185**	**16,185**	**0**	**0**	**16,185**	**0**	**0**	**0**	**0**	**0**	**17,462**
HENRICO	**IR ENGRAVING LLC**							**5901 LEWIS RD**				**NAICS Code**	**323111**
COPPER	N	1	1	2	0	0	2	0	0	0	0	0	598
NITRIC ACID	N	0	955	955	0	0	955	0	0	0	0	0	35,889
Total for IR ENGRAVING LLC		**1**	**956**	**957**	**0**	**0**	**957**	**0**	**0**	**0**	**0**	**0**	**36,487**
HENRICO	**JOHNS MANVILLE CORP HAMILTON PLANT**							**7400 RANCO RD -**				**NAICS Code**	**322220**
ANTIMONY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	1,379
Total for JOHNS MANVILLE CORP HAMILTON PLA		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,379**
HENRICO	**MECHANICSVILLE CONCRETE LLC-AIRPORT PLANT (OAKLEYS LA**							**4481 OAKLEYS LN**				**NAICS Code**	**327320**
NITRATE COMPOUNDS	N	0	0	0	0	39	39	0	0	0	0	0	0
Total for MECHANICSVILLE CONCRETE LLC-AIRP		**0**	**0**	**0**	**0**	**39**	**39**	**0**	**0**	**0**	**0**	**0**	**0**
HENRICO	**SOUTHERN GRAPHIC SYSTEMS LLC**							**5301 LEWIS RD**				**NAICS Code**	**323120**
COPPER COMPOUNDS	N	26	237	263	0	0	263	0	0	0	0	1	56,545
Total for SOUTHERN GRAPHIC SYSTEMS LLC		**26**	**237**	**263**	**0**	**0**	**263**	**0**	**0**	**0**	**0**	**1**	**56,545**
Total for Above County : (8 reports)		**4,150**	**17,568**	**21,717**	**0**	**39**	**21,756**	**0**	**0**	**0**	**0**	**302**	**112,150**
HENRY	**BASSETT PLANT 11**							**PATRIOT CENTRE AT BEAVER CREEK**				**NAICS Code**	**337122**
TOLUENE	N	0	7,747	7,747	0	0	7,747	0	0	0	0	0	7,747
XYLENE (MIXED ISOMERS)	N	0	6,983	6,983	0	0	6,983	0	0	0	0	0	6,983
Total for BASSETT PLANT 11		**0**	**14,730**	**14,730**	**0**	**0**	**14,730**	**0**	**0**	**0**	**0**	**0**	**14,730**
HENRY	**CPFILMS - PLANT II**							**4129 THE GREAT RD**				**NAICS Code**	**326130**
ACRYLIC ACID	N	27	538	565	0	0	565	0	0	47,500	47,500	0	1,920

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ETHYLENE GLYCOL	N	358,000	5,070	363,070	0	0	363,070	0	0	615,000	615,000	78,500	292,050
METHYL ISOBUTYL KETONE	N	13	260	273	0	0	273	0	0	11,800	11,800	0	2,046
N-HEXANE	N	65	1,300	1,365	0	0	1,365	0	0	110,000	110,000	0	0
N-METHYL-2-PYRROLIDONE	N	185,000	617	185,617	0	0	185,617	0	0	556,000	556,000	20,000	526,180
TOLUENE	N	346	6,920	7,266	0	0	7,266	0	0	513,000	513,000	0	41,640
Total for CPFILMS - PLANT II		**543,451**	**14,705**	**558,156**	**0**	**0**	**558,156**	**0**	**0**	**1,853,300**	**1,853,300**	**98,500**	**863,836**
HENRY	**CPFILMS INC-PLANT 1**							**4210 THE GREAT RD**				**NAICS Code**	**326130**
TOLUENE	N	56	1,130	1,186	0	0	1,186	0	0	101,000	101,000	0	34,200
Total for CPFILMS INC-PLANT 1		**56**	**1,130**	**1,186**	**0**	**0**	**1,186**	**0**	**0**	**101,000**	**101,000**	**0**	**34,200**
HENRY	**CPFILMS, INC.**							**345 BEAVER CREEK DR**				**NAICS Code**	**326112**
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	6,318
ETHYLENE GLYCOL	N	5	2,173	2,178	0	0	2,178	0	1,415,739	131,838	1,547,577	4,892	4,501
N-HEXANE	N	5	696	701	0	0	701	0	0	68,951	68,951	0	0
N-METHYL-2-PYRROLIDONE	N	5	35	40	0	0	40	0	0	193,519	193,519	1,136	758,390
TOLUENE	N	5	8,212	8,217	0	0	8,217	0	0	606,187	606,187	0	62,919
Total for CPFILMS, INC.		**20**	**11,116**	**11,136**	**0**	**0**	**11,136**	**0**	**1,415,739**	**1,000,495**	**2,416,234**	**6,028**	**832,128**
HENRY	**MEHLER ENGINEERED PRODUCTS**							**175 MEHLER LN**				**NAICS Code**	**314994**
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	880
TOLUENE	N	321	8	329	0	0	329	834,268	0	0	834,268	0	16,098
XYLENE (MIXED ISOMERS)	N	5	1	6	0	0	6	20,326	0	0	20,326	0	211
Total for MEHLER ENGINEERED PRODUCTS		**326**	**9**	**335**	**0**	**0**	**335**	**854,594**	**0**	**0**	**854,594**	**0**	**17,189**
HENRY	**NATIONWIDE HOMES INC.**							**1100 RIVES RD**				**NAICS Code**	**321991**
DIISOCYANATES	Y	0	0	0	0	0	0	0	0	0	0	0	0

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Total for NATIONWIDE HOMES INC.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
HENRY	**RTI MARTINSVILLE INC**							**101 RTI WAY**				**NAICS Code**	**332112**
ALUMINUM (FUME OR DUST)	N	12	1,139	1,151	0	0	1,151	0	0	0	0	0	57,419
Total for RTI MARTINSVILLE INC		**12**	**1,139**	**1,151**	**0**	**0**	**1,151**	**0**	**0**	**0**	**0**	**0**	**57,419**
Total for Above County : (19 reports)		**543,865**	**42,830**	**586,695**	**0**	**0**	**586,695**	**854,594**	**1,415,739**	**2,954,795**	**5,225,128**	**104,528**	**1,819,502**
HOPEWELL (CITY)	**ADVANSIX INC HOPEWELL PLANT**							**905 E RANDOLPH RD -**				**NAICS Code**	**325199**
ACETALDEHYDE	N	560	707	1,267	0	0	1,267	0	0	398,613	398,613	1,758	1,600
AMMONIA	N	10,503	1,219,655	1,230,158	0	30,023	1,260,181	0	0	0	0	78,987	47,421
BENZENE	N	292	8,082	8,374	0	730	9,104	0	78,321	165,147	243,468	313	307
CYCLOHEXANOL	N	593	3,209	3,802	0	20,290	24,092	0	0	23,021	23,021	47,548	43,269
METHANOL	N	212	7,556	7,768	0	0	7,768	1,106,572	0	0	1,106,572	12,338	11,695
NITRATE COMPOUNDS	N	0	3,454	3,454	0	54,738	58,192	0	0	0	0	288,007	259,206
PHENOL	N	1,271	20,427	21,698	0	1,522	23,220	0	0	46,451	46,451	21,159	1,054,918
SULFURIC ACID (1994 AND AFTER	N	2,482	44,060	46,542	0	0	46,542	0	1,623,975	0	1,623,975	0	0
TOLUENE	N	1,520	10,068	11,588	0	1,377	12,965	0	67,574	215,180	282,754	83	1,379
Total for ADVANSIX INC HOPEWELL PLANT		**17,433**	**1,317,218**	**1,334,651**	**0**	**108,680**	**1,443,331**	**1,106,572**	**1,769,870**	**848,412**	**3,724,854**	**450,193**	**1,419,795**
HOPEWELL (CITY)	**ASHLAND SPECIALTY INGREDIENTS GP**							**1111 HERCULES RD -**				**NAICS Code**	**325199**
CERTAIN GLYCOL ETHERS	N	12	0	12	0	0	12	0	0	0	0	291,131	267,841
CHLOROACETIC ACID	N	860	2	862	0	0	862	0	0	0	0	0	0
CHLOROETHANE	N	73,470	1,773	75,243	0	0	75,243	0	76,173	0	76,173	6	1
ETHYLENE	N	5,116	57,968	63,084	0	0	63,084	0	0	0	0	0	0
ETHYLENE GLYCOL	N	95	0	95	0	0	95	0	0	0	0	2,353,896	2,118,506

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ETHYLENE OXIDE	N	992	76	1,068	0	0	1,068	0	0	0	0	274	249
METHANOL	N	331,068	2,556	333,624	0	0	333,624	0	152,930,730	0	152,930,730	331,068	322,266
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	4,205,886	3,995,592
NITRIC ACID	N	2,123	5	2,128	0	0	2,128	0	0	0	0	0	0
PROPYLENE OXIDE	N	2,468	132	2,600	0	0	2,600	0	0	72	72	18	16
TERT-BUTYL ALCOHOL	N	91,658	4,896	96,554	0	0	96,554	0	186,805,136	0	186,805,136	56,356	40,979
Total for ASHLAND SPECIALTY INGREDIENTS GP		**507,862**	**67,408**	**575,270**	**0**	**0**	**575,270**	**0**	**339,812,039**	**72**	**339,812,111**	**7,238,635**	**6,745,450**
HOPEWELL (CITY)	**EVONIK INDUSTRIES**							**914 E RANDOLPH RD -**				**NAICS Code**	**325613**
ACRYLIC ACID	N	0	754	754	0	0	754	0	0	0	0	183	1,456
ALLYL ALCOHOL	N	0	122	122	0	0	122	0	0	2,440	2,440	0	0
CHLOROACETIC ACID	N	0	250	250	0	0	250	0	0	0	0	0	0
ETHYLENE GLYCOL	N	0	487	487	0	0	487	0	0	0	0	98,966	91,049
ETHYLENE OXIDE	N	0	17	17	0	0	17	0	0	17,426	17,426	0	0
N-BUTYL ALCOHOL	N	4	16	20	0	0	20	0	0	0	0	0	7,728
PROPYLENE OXIDE	N	0	17	17	0	0	17	0	0	17,426	17,426	0	0
Total for EVONIK INDUSTRIES		**4**	**1,663**	**1,667**	**0**	**0**	**1,667**	**0**	**0**	**37,292**	**37,292**	**99,149**	**100,233**
HOPEWELL (CITY)	**WESTROCK CP, LLC**							**910 INDUSTRIAL ST**				**NAICS Code**	**322130**
ACETALDEHYDE	N	0	12,218	12,218	0	0	12,218	0	0	4,860	4,860	113,833	103,588
AMMONIA	N	0	71,413	71,413	0	0	71,413	0	0	0	0	6,970	4,182
BARIUM COMPOUNDS	N	0	665	665	0	0	665	0	0	0	0	0	27,309
CATECHOL	N	0	0	0	0	0	0	0	0	0	0	894	822
FORMALDEHYDE	N	0	6,809	6,809	0	0	6,809	0	0	2,300	2,300	7,044	6,481
HYDROCHLORIC ACID (1995 AND	N	0	87,635	87,635	0	0	87,635	0	0	0	0	0	0

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HYDROGEN SULFIDE	N	0	20,521	20,521	0	0	20,521	0	0	78,810	78,810	173,649	159,757
MANGANESE COMPOUNDS	N	0	115	115	0	0	115	0	0	0	0	27,658	147,493
METHANOL	N	0	283,821	283,821	0	0	283,821	0	0	32,286	32,286	4,119,646	3,790,074
PHENOL	N	0	8,755	8,755	0	0	8,755	0	0	2,496	2,496	4,757	4,376
Total for WESTROCK CP, LLC		**0**	**491,951**	**491,951**	**0**	**0**	**491,951**	**0**	**0**	**120,751**	**120,751**	**4,454,450**	**4,244,083**
Total for Above County : (37 reports)		**525,299**	**1,878,241**	**2,403,540**	**0**	**108,680**	**2,512,220**	**1,106,572**	**341,581,909**	**1,006,527**	**343,695,008**	**12,242,427**	**12,509,561**
ISLE OF WIGHT	**INTERNATIONAL PAPER FRANKLIN MILL**							**34040 UNION CAMP DR**				**NAICS Code**	**322110**
ACETALDEHYDE	N	7,137	20,377	27,514	0	386	27,900	0	0	42,107	42,107	0	5
AMMONIA	N	0	117,570	117,570	0	2,561	120,131	0	0	167,927	167,927	0	16
BARIUM COMPOUNDS	N	0	24	24	0	466	490	0	0	0	0	0	3,938
CATECHOL	N	0	0	0	0	39	39	0	0	765	765	0	1
CHLORINE	N	5	8,332	8,337	0	0	8,337	0	0	231,883	231,883	0	0
CHLORINE DIOXIDE	N	5	1,805	1,810	0	0	1,810	0	0	10,242,195	10,242,195	0	0
CRESOL (MIXED ISOMERS)	N	23,048	26,298	49,346	0	5	49,351	0	0	18,287	18,287	0	3
FORMALDEHYDE	N	815	9,402	10,217	0	1,135	11,352	0	0	31,979	31,979	0	15
FORMIC ACID	N	0	0	0	0	88	88	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	93,895	93,895	0	0	93,895	0	0	0	0	0	0
HYDROGEN SULFIDE	N	104,478	68,047	172,525	0	174	172,699	0	0	671,727	671,727	0	365
MANGANESE COMPOUNDS	N	0	82	82	0	6,262	6,344	0	0	0	0	0	61,058
METHANOL	N	304,769	526,775	831,544	0	0	831,544	0	0	6,922,523	6,922,523	0	5,049
NITRATE COMPOUNDS	N	0	0	0	0	45,055	45,055	0	0	0	0	0	24
PHENOL	N	2,277	10,423	12,700	0	6	12,706	0	0	4,183	4,183	0	4
Total for INTERNATIONAL PAPER FRANKLIN MILL		**442,534**	**883,030**	**1,325,564**	**0**	**56,177**	**1,381,741**	**0**	**0**	**18,333,576**	**18,333,576**	**0**	**70,478**

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Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
ISLE OF WIGHT	**SMITHFIELD-SMITHFIELD FACILITY (NORTH)**							**601 N CHURCH ST**				**NAICS Code**	**311611**
AMMONIA	N	67,665	0	67,665	0	486	68,151	0	0	0	0	18,087	10,852
HYDROGEN SULFIDE	N	134,678	152	134,830	0	0	134,830	0	0	0	0	7,088	7,105
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	1,104,136	993,722
SODIUM NITRITE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for SMITHFIELD-SMITHFIELD FACILITY (NO		**202,343**	**152**	**202,495**	**0**	**486**	**202,981**	**0**	**0**	**0**	**0**	**1,129,311**	**1,011,679**
Total for Above County : (19 reports)		**644,877**	**883,182**	**1,528,059**	**0**	**56,663**	**1,584,722**	**0**	**0**	**18,333,576**	**18,333,576**	**1,129,311**	**1,082,157**
JAMES CITY	**ANHEUSER-BUSCH LLC**							**7801 POCAHONTAS TRAIL -**				**NAICS Code**	**312120**
AMMONIA	N	11,780	5,105	16,885	0	0	16,885	0	0	0	0	1,334	837
Total for ANHEUSER-BUSCH LLC		**11,780**	**5,105**	**16,885**	**0**	**0**	**16,885**	**0**	**0**	**0**	**0**	**1,334**	**837**
JAMES CITY	**BALL METAL BEVERAGE CONTAINER CORP**							**8935 POCAHONTAS TRAIL JAMES RIVER COMMER**				**NAICS Code**	**332431**
CERTAIN GLYCOL ETHERS	N	57,000	280,000	337,000	0	0	337,000	0	0	0	0	0	375
N-BUTYL ALCOHOL	N	25,000	120,000	145,000	0	0	145,000	0	0	0	0	0	155
SULFURIC ACID (1994 AND AFTER	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for BALL METAL BEVERAGE CONTAINER C		**82,000**	**400,000**	**482,000**	**0**	**0**	**482,000**	**0**	**0**	**0**	**0**	**0**	**530**
JAMES CITY	**GREYSTONE OF VIRGINIA INC**							**7992 RICHMOND RD**				**NAICS Code**	**332813**
CHROMIUM COMPOUNDS(EXCEPT	N	0	0	0	0	0	0	0	0	0	0	17	11,773
Total for GREYSTONE OF VIRGINIA INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**17**	**11,773**
Total for Above County : (5 reports)		**93,780**	**405,105**	**498,885**	**0**	**0**	**498,885**	**0**	**0**	**0**	**0**	**1,351**	**13,140**
KING GEORGE	**BIRCHWOOD POWER FACILITY**							**10900 BIRCHWOOD DR**				**NAICS Code**	**221112**
AMMONIA	N	87	175	262	0	0	262	0	0	243,613	243,613	0	1,590

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BARIUM COMPOUNDS	N	0	8	8	0	0	8	0	0	0	0	0	33,895
HYDROCHLORIC ACID (1995 AND	N	0	4,451	4,451	0	0	4,451	0	0	374,796	374,796	0	0
HYDROGEN FLUORIDE	N	0	304	304	0	0	304	0	0	23,079	23,079	0	0
SULFURIC ACID (1994 AND AFTER	N	0	548	548	0	0	548	0	0	121,438	121,438	0	0
Total for BIRCHWOOD POWER FACILITY		**87**	**5,486**	**5,573**	**0**	**0**	**5,573**	**0**	**0**	**762,926**	**762,926**	**0**	**35,485**
Total for Above County : (5 reports)		**87**	**5,486**	**5,573**	**0**	**0**	**5,573**	**0**	**0**	**762,926**	**762,926**	**0**	**35,485**
KING WILLIAM	**ROCKTENN CP, LLC**							**1901 MAIN ST**				**NAICS Code**	**322110**
ACETALDEHYDE	N	594	25,818	26,412	0	1,292	27,704	0	0	30,500	30,500	0	1
AMMONIA	N	0	112,000	112,000	0	856	112,856	0	0	273,000	273,000	0	0
BARIUM COMPOUNDS	N	0	1,066	1,066	0	0	1,066	0	0	0	0	0	32,900
CATECHOL	N	0	0	0	0	6	6	0	0	588	588	0	0
CHLORINE	N	5	2	7	0	0	7	0	0	44,300	44,300	0	0
CHLORINE DIOXIDE	N	5	71	76	0	0	76	0	0	7,030	7,030	0	0
CRESOL (MIXED ISOMERS)	N	5	3,310	3,315	0	1	3,317	0	0	43,500	43,500	0	0
FORMALDEHYDE	N	42	10,600	10,642	0	419	11,061	0	0	13,900	13,900	0	1
FORMIC ACID	N	0	0	0	0	946	946	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	57,605	57,605	0	0	57,605	0	0	299,000	299,000	0	0
HYDROGEN SULFIDE	N	1,702	44,359	46,061	0	154	46,215	0	0	260,000	260,000	0	10
MANGANESE COMPOUNDS	N	0	213	213	0	37,567	37,780	0	0	0	0	0	143,000
METHANOL	N	146,135	324,200	470,335	0	8,024	478,359	0	0	4,540,000	4,540,000	0	113
NITRATE COMPOUNDS	N	0	0	0	0	52,623	52,623	0	0	0	0	0	39
PHENOL	N	156	20,562	20,718	0	7	20,725	0	0	14,800	14,800	0	1
ZINC COMPOUNDS	N	0	390	390	0	2,176	2,566	0	0	0	0	0	33,300

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Total for ROCKTENN CP, LLC		**148,645**	**600,198**	**748,843**	**0**	**104,071**	**852,914**	**0**	**0**	**5,526,618**	**5,526,618**	**0**	**209,364**
Total for Above County : (16 reports)		**148,645**	**600,198**	**748,843**	**0**	**104,071**	**852,914**	**0**	**0**	**5,526,618**	**5,526,618**	**0**	**209,364**
LOUDOUN	**ASIG FUELING OPERATIONS WASH DULLES INTERNATIONAL AIRP**							**TANK FARM RD BUILDING 2**				**NAICS Code**	**424710**
1,2,4-TRIMETHYLBENZENE	N	114	0	114	0	0	114	0	0	0	0	0	0
ARSENIC	N	1	0	1	0	0	1	0	0	0	0	0	0
BENZENE	N	73	0	73	0	0	73	0	0	0	0	0	0
BERYLLIUM	N	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	N	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	N	1	0	1	0	0	1	0	0	0	0	0	0
ETHYLBENZENE	N	73	0	73	0	0	73	0	0	0	0	0	0
METHYL TERT-BUTYL ETHER	N	684	0	684	0	0	684	0	0	0	0	0	0
NAPHTHALENE	N	172	0	172	0	0	172	0	7,725	0	7,725	0	2,137
N-HEXANE	N	46	0	46	0	0	46	0	0	0	0	0	0
TOLUENE	N	329	0	329	0	0	329	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	327	0	327	0	0	327	0	0	0	0	0	0
Total for ASIG FUELING OPERATIONS WASH DUL		**1,820**	**0**	**1,820**	**0**	**0**	**1,820**	**0**	**7,725**	**0**	**7,725**	**0**	**2,137**
LOUDOUN	**CHANTILLY READY MIX CONCRETE**							**25232 WILLARD ROAD -**				**NAICS Code**	**327320**
NITRATE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CHANTILLY READY MIX CONCRETE		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
LOUDOUN	**SUPERIOR CONCRETE MATERIALS INC. - DULLES**							**44146 WADE DR**				**NAICS Code**	**327320**
NITRATE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for SUPERIOR CONCRETE MATERIALS INC.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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LOUDOUN	**TITAN VIRGINIA READY-MIX LLC-LEESBURG PLANT**							**42105 COCHRAN MILL RD**				**NAICS Code**	**327320**
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-LEESB		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
LOUDOUN	**TITAN VIRGINIA READY-MIX LLC-STERLING PLANT**							**22963 CONCRETE PLAZA**				**NAICS Code**	**327320**
NITRATE COMPOUNDS	N	0	0	0	0	123	123	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-STERLI		**0**	**0**	**0**	**0**	**123**	**123**	**0**	**0**	**0**	**0**	**0**	**0**
LOUDOUN	**TTM TECHNOLOGIES NORTH AMERICA, LLC.**							**1200 SEVERN WAY**				**NAICS Code**	**334412**
AMMONIA	N	350	6,632	6,982	0	0	6,982	0	0	0	0	2,706	12,576
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	549	153,445
FORMALDEHYDE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	47,533	42,791
NITRIC ACID	N	5	5	10	0	0	10	0	0	48,310	48,310	0	0
SULFURIC ACID (1994 AND AFTER	N	5	5	10	0	0	10	0	0	650	650	0	0
Total for TTM TECHNOLOGIES NORTH AMERICA,		**360**	**6,642**	**7,002**	**0**	**0**	**7,002**	**0**	**0**	**48,960**	**48,960**	**50,788**	**208,812**
LOUDOUN	**VIRGINIA CONCRETE DULLES PLANT**							**44866 OLD OX RD**				**NAICS Code**	**327320**
NITRATE COMPOUNDS	N	0	0	0	0	370	370	0	0	0	0	0	0
Total for VIRGINIA CONCRETE DULLES PLANT		**0**	**0**	**0**	**0**	**370**	**370**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (23 reports)		**2,180**	**6,642**	**8,822**	**0**	**493**	**9,315**	**0**	**7,725**	**48,960**	**56,685**	**50,788**	**210,949**
LOUISA	**OLD DOMINION ELECTRIC CO-OP LOUISA GENERATION FACILITY**							**3352 KLOCKNER RD -**				**NAICS Code**	**221112**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0

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Total for OLD DOMINION ELECTRIC CO-OP LOUIS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (3 reports)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
LUNENBURG	**VIRGINIA MARBLE MANUFACTURERS INC**							**CORNER OF BRUNSWICK & OAK ST**				**NAICS Code**	**326191**
STYRENE	N	0	64,320	64,320	0	0	64,320	0	0	0	0	0	0
STYRENE	N	0	48,172	48,172	0	0	48,172	0	0	0	0	0	0
Total for VIRGINIA MARBLE MANUFACTURERS IN		**0**	**112,492**	**112,492**	**0**	**0**	**112,492**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 reports)		**0**	**112,492**	**112,492**	**0**	**0**	**112,492**	**0**	**0**	**0**	**0**	**0**	**0**
LYNCHBURG (CITY)	**BANKER STEEL COMPANY, LLC**							**1619 WYTHE RD**				**NAICS Code**	**332312**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	8,273
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	20,531
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	16,378
Total for BANKER STEEL COMPANY, LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**45,182**
LYNCHBURG (CITY)	**DAVIS-FROST INC**							**3416 CANDLERS MOUNTAIN RD**				**NAICS Code**	**325510**
CERTAIN GLYCOL ETHERS	N	1,892	0	1,892	0	0	1,892	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	1,784	0	1,784	0	0	1,784	0	0	0	0	0	27,456
ZINC COMPOUNDS	N	472	0	472	0	0	472	0	0	0	0	0	0
Total for DAVIS-FROST INC		**4,148**	**0**	**4,148**	**0**	**0**	**4,148**	**0**	**0**	**0**	**0**	**0**	**27,456**
LYNCHBURG (CITY)	**FLOWSERVE CORP LYNCHBURG VA**							**5114 WOODALL RD -**				**NAICS Code**	**333995**
COPPER	Y	0	0	0	0	0	0	0	0	0	0	0	0
DIISOCYANATES	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for FLOWSERVE CORP LYNCHBURG VA		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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LYNCHBURG (CITY)	**GRIFFIN PIPE PRODUCTS CO**							**10 ADAMS ST**				**NAICS Code**	**331511**
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	2
MANGANESE COMPOUNDS	N	14	2,596	2,610	0	69	2,679	0	0	0	0	0	351,958
ZINC COMPOUNDS	N	82	28,838	28,920	0	20	28,940	0	0	0	0	326	945,853
Total for GRIFFIN PIPE PRODUCTS CO		**96**	**31,434**	**31,530**	**0**	**89**	**31,619**	**0**	**0**	**0**	**0**	**326**	**1,297,813**
LYNCHBURG (CITY)	**LSC COMMUNICATIONS / LYNCHBURG**							**4201 MURRAY PL**				**NAICS Code**	**323111**
BARIUM COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	26	18
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	209	1,005
TOLUENE	N	0	36,018	36,018	0	0	36,018	0	0	0	0	3	151,610
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	251	176
Total for LSC COMMUNICATIONS / LYNCHBURG		**0**	**36,018**	**36,018**	**0**	**0**	**36,018**	**0**	**0**	**0**	**0**	**488**	**152,810**
LYNCHBURG (CITY)	**NORCRAFT COMPANIES**							**1 MILLRACE DR**				**NAICS Code**	**337110**
1,2,4-TRIMETHYLBENZENE	N	0	8,300	8,300	0	0	8,300	0	0	0	0	0	2,700
METHANOL	N	0	9,800	9,800	0	0	9,800	0	0	0	0	0	3,200
TOLUENE	N	0	22,700	22,700	0	0	22,700	0	0	0	0	0	7,500
XYLENE (MIXED ISOMERS)	N	0	18,700	18,700	0	0	18,700	0	0	0	0	0	6,000
Total for NORCRAFT COMPANIES		**0**	**59,500**	**59,500**	**0**	**0**	**59,500**	**0**	**0**	**0**	**0**	**0**	**19,400**
LYNCHBURG (CITY)	**SLOCUM ADHESIVES CORP**							**1409 BUCHANAN ST**				**NAICS Code**	**325520**
1-BROMOPROPANE	N	150	0	150	0	0	150	0	0	0	0	0	0
DICHLOROMETHANE	N	3,139	0	3,139	0	0	3,139	0	0	0	0	0	0
N-HEXANE	N	1,310	0	1,310	0	0	1,310	0	0	0	0	0	0
TOLUENE	N	1,391	0	1,391	0	0	1,391	0	0	0	0	0	0
TRICHLOROETHYLENE	N	420	0	420	0	0	420	0	0	0	0	0	0

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Total for SLOCUM ADHESIVES CORP		**6,410**	**0**	**6,410**	**0**	**0**	**6,410**	**0**	**0**	**0**	**0**	**0**	**0**
LYNCHBURG (CITY)	**WESTOVER DAIRY**							**2801 FORT AVE**				**NAICS Code**	**311511**
NITRIC ACID	N	0	0	0	0	0	0	0	0	10,183	10,183	0	0
Total for WESTOVER DAIRY		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**10,183**	**10,183**	**0**	**0**
Total for Above County : (25 reports)		**10,654**	**126,952**	**137,606**	**0**	**89**	**137,695**	**0**	**0**	**10,183**	**10,183**	**814**	**1,542,662**
MADISON	**MADISON WOOD PRESERVERS INC.**							**216 OAK PARK RD**				**NAICS Code**	**321114**
ARSENIC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM COMPOUNDS(EXCEPT	Y	0	0	0	0	0	0	0	0	0	0	0	0
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for MADISON WOOD PRESERVERS INC.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (3 reports)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
MECKLENBURG	**AMERICAN BUILDINGS COMPANY-LA CROSSE**							**501 GOLDEN EAGLE DR**				**NAICS Code**	**332311**
MANGANESE	N	7	0	7	0	0	7	0	0	0	0	0	45,924
NICKEL	N	1	0	1	0	0	1	0	0	0	0	0	3,675
Total for AMERICAN BUILDINGS COMPANY-LA CR		**8**	**0**	**8**	**0**	**0**	**8**	**0**	**0**	**0**	**0**	**0**	**49,599**
MECKLENBURG	**MECKLENBURG POWER STATION**							**204 COGEN DR**				**NAICS Code**	**221112**
SULFURIC ACID (1994 AND AFTER	N	0	154	154	0	0	154	0	0	28,800	28,800	0	0
Total for MECKLENBURG POWER STATION		**0**	**154**	**154**	**0**	**0**	**154**	**0**	**0**	**28,800**	**28,800**	**0**	**0**
Total for Above County : (3 reports)		**8**	**154**	**162**	**0**	**0**	**162**	**0**	**0**	**28,800**	**28,800**	**0**	**49,599**
MONTGOMERY	**ALLIANT TECHSYSTEMS OPERATIONS LLC (NEW RIVER ENERGETI**							**RT 114 RADFORD ARMY AMMUNITION PLANT**				**NAICS Code**	**325920**
DIPHENYLAMINE	N	0	251	251	0	0	251	0	967	0	967	40	831

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NITRATE COMPOUNDS	N	0	33	33	0	0	33	0	209	0	209	138,545	130,184
NITROGLYCERIN	N	0	19,936	19,936	0	0	19,936	0	60,445	0	60,445	72,882	102,556
Total for ALLIANT TECHSYSTEMS OPERATIONS L		**0**	**20,220**	**20,220**	**0**	**0**	**20,220**	**0**	**61,621**	**0**	**61,621**	**211,467**	**233,571**
MONTGOMERY	**BAE SYSTEMS, ORDNANCE SYSTEMS INC**							**RADFORD ARMY AMMUNITION PLANT 4050 PHPBK**				**NAICS Code**	**325920**
2,4-DINITROTOLUENE	N	0	0	0	0	0	0	0	0	7,102	7,102	0	1
AMMONIA	N	19,820	151	19,971	0	562	20,533	0	0	0	0	0	0
CHLORINE	N	0	0	0	0	0	0	0	0	4,060	4,060	0	0
COPPER COMPOUNDS	N	1,011	1,109	2,120	0	62	2,182	0	0	0	0	0	0
DIBUTYL PHTHALATE	N	9	2	11	0	0	11	0	0	2,683	2,683	0	0
HYDROCHLORIC ACID (1995 AND	N	0	207,440	207,440	0	0	207,440	0	0	0	0	0	0
NITRATE COMPOUNDS	N	0	0	0	0	8,908,041	8,908,041	0	0	11,874	11,874	0	0
NITRIC ACID	N	854	696	1,550	0	0	1,550	0	26,940,155	8,908,041	35,848,196	0	0
NITROGLYCERIN	N	0	47,188	47,188	0	16	47,204	0	0	335,840	335,840	0	22
SULFURIC ACID (1994 AND AFTER	N	0	32,763	32,763	0	0	32,763	0	0	0	0	0	0
Total for BAE SYSTEMS, ORDNANCE SYSTEMS I		**21,694**	**289,349**	**311,043**	**0**	**8,908,681**	**9,219,724**	**0**	**26,940,155**	**9,269,600**	**36,209,755**	**0**	**23**
MONTGOMERY	**FEDERAL-MOGUL CORP**							**300 INDUSTRIAL PARK RD SE**				**NAICS Code**	**336350**
ALUMINUM (FUME OR DUST)	N	102	10,215	10,317	0	0	10,317	0	0	0	0	0	294,717
AMMONIA	Y	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	N	1	100	101	0	5	106	0	0	0	0	11	35,250
Total for FEDERAL-MOGUL CORP		**103**	**10,315**	**10,418**	**0**	**5**	**10,423**	**0**	**0**	**0**	**0**	**11**	**329,967**
MONTGOMERY	**PROCHEM, INC**							**5100 ENTERPRISE DR**				**NAICS Code**	**325998**
BARIUM COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0

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NITRIC ACID	N	0	0	0	0	0	0	0	0	0	0	0	0
PERACETIC ACID	N	0	0	0	0	0	0	0	0	0	0	0	0
SODIUM DIMETHYLDITHIOCARBA	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for PROCHEM, INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
MONTGOMERY	**WOLVERINE ADVANCED MATERIALS**							**3175 STATE ST -**				**NAICS Code**	**332812**
ETHYLENE GLYCOL	N	0	138	138	0	0	138	0	0	22,928	22,928	0	0
METHANOL	N	0	129	129	0	0	129	0	0	21,404	21,404	0	0
METHYL ISOBUTYL KETONE	N	52	3,927	3,979	0	0	3,979	0	0	650,507	650,507	0	0
METHYL ISOBUTYL KETONE	N	40	1,495	1,534	0	0	1,534	0	0	212,020	212,020	0	0
N,N-DIMETHYLFORMAMIDE	N	0	77	77	0	0	77	0	0	12,756	12,756	0	0
N-HEXANE	N	0	346	346	0	0	346	0	0	29,279	29,279	0	0
TOLUENE	N	112	7,585	7,697	0	0	7,697	0	0	1,075,986	1,075,986	0	0
TOLUENE	N	217	13,149	13,366	0	0	13,366	0	0	2,178,318	2,178,318	0	0
ZINC COMPOUNDS	N	0	4	4	0	12	16	0	0	0	0	0	0
ZINC COMPOUNDS	N	0	2	2	0	1	3	0	0	0	0	0	0
Total for WOLVERINE ADVANCED MATERIALS		**420**	**26,852**	**27,272**	**0**	**13**	**27,284**	**0**	**0**	**4,203,199**	**4,203,199**	**0**	**0**
Total for Above County : (31 reports)		**22,217**	**346,736**	**368,953**	**0**	**8,908,699**	**9,277,652**	**0**	**27,001,776**	**13,472,799**	**40,474,575**	**211,478**	**563,560**
NEWPORT NEWS (CITY)	**CANON VIRGINIA INC**							**12000 CANON BLVD**				**NAICS Code**	**334419**
METHANOL	N	2,633	752	3,385	0	0	3,385	0	60,414	0	60,414	0	16,517
O-XYLENE	N	655	524	1,179	0	0	1,179	0	28,182	0	28,182	0	17,642
Total for CANON VIRGINIA INC		**3,288**	**1,276**	**4,564**	**0**	**0**	**4,564**	**0**	**88,596**	**0**	**88,596**	**0**	**34,159**
NEWPORT NEWS (CITY)	**CONTINENTAL AUTOMOTIVE SYSTEMS INC**							**615 BLAND BLVD -**				**NAICS Code**	**336310**

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CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	88,367
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	8,033
Total for CONTINENTAL AUTOMOTIVE SYSTEMS I		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**96,400**
NEWPORT NEWS (CITY)	**HUNTINGTON INGALLS INCORPORATED**							**4101 WASHINGTON AVE**				**NAICS Code**	**336611**
1,2,4-TRIMETHYLBENZENE	N	22,725	230	22,955	0	0	22,955	0	0	0	0	0	728
CERTAIN GLYCOL ETHERS	N	165	123	288	0	0	288	0	0	0	0	0	620
CHROMIUM	N	127	26	153	0	206	359	0	0	0	0	76	435
COPPER	N	2,651	2	2,653	0	554	3,207	0	0	0	0	444	1,071
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	26,993
MANGANESE	N	987	16	1,003	0	113	1,116	0	0	0	0	89	972
N-BUTYL ALCOHOL	N	61,362	244	61,606	0	0	61,606	0	0	0	0	0	7,608
NICKEL	N	881	3	884	0	206	1,090	0	0	0	0	162	614
XYLENE (MIXED ISOMERS)	N	19,765	245	20,010	0	0	20,010	0	0	0	0	0	22,107
ZINC COMPOUNDS	N	65	1	65	0	9,870	9,935	0	0	0	0	1,014	1,296
Total for HUNTINGTON INGALLS INCORPORATED		**108,728**	**890**	**109,618**	**0**	**10,948**	**120,566**	**0**	**0**	**0**	**0**	**1,787**	**62,445**
NEWPORT NEWS (CITY)	**JOINT BASE LANGLEY EUSTIS-EUSTIS (JBLE-EUSTIS)**							**705 WASHINTON BLVD**				**NAICS Code**	**928110**
COPPER	N	0	0	0	170,624	0	170,624	0	0	0	0	0	0
DIPHENYLAMINE	N	0	0	0	10,569	0	10,569	0	0	0	0	0	0
Total for JOINT BASE LANGLEY EUSTIS-EUSTIS (		**0**	**0**	**0**	**181,193**	**0**	**181,193**	**0**	**0**	**0**	**0**	**0**	**0**
NEWPORT NEWS (CITY)	**KINYO VIRGINIA INC**							**290 ENTERPRISE DR**				**NAICS Code**	**326299**
TOLUENE	N	74,400	25,920	100,320	0	0	100,320	0	0	0	0	0	20,307
Total for KINYO VIRGINIA INC		**74,400**	**25,920**	**100,320**	**0**	**0**	**100,320**	**0**	**0**	**0**	**0**	**0**	**20,307**
NEWPORT NEWS (CITY)	**MARVA MAID DAIRY**							**5500 CHESTNUT AVE**				**NAICS Code**	**311511**

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Facility County/Independent City / Facility Name/Address		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	19,801	17,821
NITRIC ACID	N	0	0	0	0	0	0	0	0	20,117	20,117	0	0
Total for MARVA MAID DAIRY		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**20,117**	**20,117**	**19,801**	**17,821**
NEWPORT NEWS (CITY)	**MICA CO OF CANADA INC**							**900 JEFFERSON AVE**				**NAICS Code**	**327999**
METHANOL	N	250	23,783	24,033	0	0	24,033	0	0	0	0	0	0
TOLUENE	N	250	34,066	34,316	0	0	34,316	0	0	0	0	0	0
Total for MICA CO OF CANADA INC		**500**	**57,849**	**58,349**	**0**	**0**	**58,349**	**0**	**0**	**0**	**0**	**0**	**0**
NEWPORT NEWS (CITY)	**PAPCO OIL COMPANY**							**407 JEFFERSON AVENUE -**				**NAICS Code**	**424710**
NAPHTHALENE	N	150	0	150	0	0	150	0	0	0	0	0	0
Total for PAPCO OIL COMPANY		**150**	**0**	**150**	**0**	**0**	**150**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (22 reports)		**187,066**	**85,935**	**273,001**	**181,193**	**10,948**	**465,142**	**0**	**88,596**	**20,117**	**108,713**	**21,588**	**231,132**
NORFOLK (CITY)	**BAE SYSTEMS NORFOLK SHIP REPAIR**							**750 W BERKLEY AVE**				**NAICS Code**	**336611**
COPPER COMPOUNDS	N	901	0	901	0	47	948	0	0	0	0	136	10,519
N-BUTYL ALCOHOL	N	6,303	0	6,303	0	0	6,303	0	0	0	0	0	4,420
XYLENE (MIXED ISOMERS)	N	2,900	0	2,900	0	0	2,900	0	0	0	0	0	524
ZINC COMPOUNDS	N	1,066	0	1,066	0	119	1,185	0	0	0	0	154	19,032
Total for BAE SYSTEMS NORFOLK SHIP REPAIR		**11,170**	**0**	**11,170**	**0**	**166**	**11,336**	**0**	**0**	**0**	**0**	**290**	**34,495**
NORFOLK (CITY)	**CAPITAL CONCRETE INC.**							**400 STAPLETON ST**				**NAICS Code**	**327320**
NITRATE COMPOUNDS	N	0	0	0	0	83	83	0	0	83	83	0	0
Total for CAPITAL CONCRETE INC.		**0**	**0**	**0**	**0**	**83**	**83**	**0**	**0**	**83**	**83**	**0**	**0**
NORFOLK (CITY)	**COLONNA'S SHIPYARD INC**							**400 E INDIAN RIVER RD**				**NAICS Code**	**336611**
N-BUTYL ALCOHOL	N	10,165	0	10,165	0	0	10,165	0	0	0	0	0	1,614

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XYLENE (MIXED ISOMERS)	N	21,730	0	21,730	0	0	21,730	0	0	0	0	0	2,469
Total for COLONNA'S SHIPYARD INC		**31,895**	**0**	**31,895**	**0**	**0**	**31,895**	**0**	**0**	**0**	**0**	**0**	**4,083**
NORFOLK (CITY)	**TITAN VIRGINIA READY-MIX LLC-CAMPOSTELLA PLANT**							**2125 KIMBALL TERRACE**				**NAICS Code**	**327320**
NITRATE COMPOUNDS	N	0	0	0	0	73	73	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-CAMPO		**0**	**0**	**0**	**0**	**73**	**73**	**0**	**0**	**0**	**0**	**0**	**0**
NORFOLK (CITY)	**U.S. NAVY JOINT EXPEDITIONARY LITTLE CREEK BASE**							**2600 TARAWA CT SUITE 100**				**NAICS Code**	**928110**
NAPHTHALENE	N	2	1	3	0	20	23	0	0	230	230	0	365
Total for U.S. NAVY JOINT EXPEDITIONARY LITTL		**2**	**1**	**3**	**0**	**20**	**23**	**0**	**0**	**230**	**230**	**0**	**365**
NORFOLK (CITY)	**US NAVY NAVAL STATION NORFOLK**							**1530 GILBERT ST SUITE 2000**				**NAICS Code**	**928110**
NAPHTHALENE	N	79	68	147	0	794	942	0	0	1,397	1,397	0	928
ZINC (FUME OR DUST)	N	34,004	0	34,004	0	0	34,004	0	0	0	0	0	0
Total for US NAVY NAVAL STATION NORFOLK		**34,083**	**68**	**34,151**	**0**	**794**	**34,945**	**0**	**0**	**1,397**	**1,397**	**0**	**928**
Total for Above County : (11 reports)		**77,150**	**69**	**77,218**	**0**	**1,135**	**78,354**	**0**	**0**	**1,710**	**1,710**	**290**	**39,871**
NORTHUMBERLAND	**CARRY-ON TRAILER CORP**							**617 HARRY HOGAN RD -**				**NAICS Code**	**336212**
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for CARRY-ON TRAILER CORP		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
NORTHUMBERLAND	**OMEGA PROTEIN INC**							**610 MENHADEN RD**				**NAICS Code**	**311613**
AMMONIA	N	0	13,000	13,000	0	126	13,126	0	0	0	0	0	0
Total for OMEGA PROTEIN INC		**0**	**13,000**	**13,000**	**0**	**126**	**13,126**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 reports)		**0**	**13,000**	**13,000**	**0**	**126**	**13,126**	**0**	**0**	**0**	**0**	**0**	**0**
NOTTOWAY	**COX WOOD OF VIRGINIA**							**2960 COX RD -**				**NAICS Code**	**321114**

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Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
ARSENIC COMPOUNDS	N	0	0	0	0	7	7	0	0	0	0	0	0
CHROMIUM COMPOUNDS(EXCEPT	N	0	0	0	0	4	4	0	0	0	0	0	0
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for COX WOOD OF VIRGINIA		**0**	**0**	**0**	**0**	**11**	**11**	**0**	**0**	**0**	**0**	**0**	**0**
NOTTOWAY	**TYSON FARMS INC. - FEED MILL**							**1938 PATRICK HENRY HWY**				**NAICS Code**	**311119**
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
ZINC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for TYSON FARMS INC. - FEED MILL		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
NOTTOWAY	**US ARMY NATIONAL GUARD FORT PICKETT (INSTALLATION)**							**US PFO BUILDING 316 FORT PICKETT**				**NAICS Code**	**928110**
COPPER	N	0	0	0	101,922	0	101,922	0	0	0	0	0	0
NITROGLYCERIN	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for US ARMY NATIONAL GUARD FORT PICK		**0**	**0**	**0**	**101,922**	**0**	**101,922**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (8 reports)		**0**	**0**	**0**	**101,922**	**11**	**101,933**	**0**	**0**	**0**	**0**	**0**	**0**
PATRICK	**MICROMETRICS SYSTEM**							**225 JEB STUART HWY**				**NAICS Code**	**332710**
CHLORINE	Y	0	0	0	0	0	0	0	0	0	0	0	0
PROPYLENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for MICROMETRICS SYSTEM		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 reports)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PETERSBURG (CITY)	**AMPAC FINE CHEMICALS VIRGINIA, LLC**							**2820 N NORMANDY DR**				**NAICS Code**	**325411**
DICHLOROMETHANE	N	0	692	692	0	0	692	0	0	0	0	0	12,930
METHANOL	N	0	246	246	0	0	246	0	0	0	0	0	80,576

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Total for AMPAC FINE CHEMICALS VIRGINIA, LLC		**1**	**938**	**939**	**0**	**0**	**939**	**0**	**0**	**0**	**0**	**0**	**93,506**
PETERSBURG (CITY)	**AMSTED RAIL CO INC**							**2580 FRONTAGE RD**				**NAICS Code**	**332111**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	9	137,445
COPPER	N	0	0	0	0	0	0	0	0	0	0	9	70,154
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	207,919
NICKEL	N	0	1	1	0	0	1	0	0	0	0	70	138,224
Total for AMSTED RAIL CO INC		**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**87**	**553,743**
PETERSBURG (CITY)	**BLEACHTECH LLC**							**2020 BESSEMER RD**				**NAICS Code**	**325180**
CHLORINE	N	255	0	255	0	0	255	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	5	5	10	0	0	10	0	0	0	0	0	0
Total for BLEACHTECH LLC		**260**	**5**	**265**	**0**	**0**	**265**	**0**	**0**	**0**	**0**	**0**	**0**
PETERSBURG (CITY)	**BOAR'S HEAD-PETERSBURG**							**1950 INDUSTRY PLACE**				**NAICS Code**	**311612**
AMMONIA	N	5	3,000	3,005	0	0	3,005	0	0	0	0	0	0
Total for BOAR'S HEAD-PETERSBURG		**5**	**3,000**	**3,005**	**0**	**0**	**3,005**	**0**	**0**	**0**	**0**	**0**	**0**
PETERSBURG (CITY)	**DOMINION CHEMICAL CO INC**							**2050 PUDDLEDOCK RD**				**NAICS Code**	**325998**
AMMONIA	N	5	5	10	0	0	10	0	0	0	0	0	0
METHANOL	N	250	250	500	0	0	500	0	0	0	0	0	0
Total for DOMINION CHEMICAL CO INC		**255**	**255**	**510**	**0**	**0**	**510**	**0**	**0**	**0**	**0**	**0**	**0**
PETERSBURG (CITY)	**PRE CON INC**							**220 S PERRY ST**				**NAICS Code**	**313320**
CYCLOHEXANE	N	1	434	435	0	0	435	0	0	6,079	6,079	0	34,957
Total for PRE CON INC		**1**	**434**	**435**	**0**	**0**	**435**	**0**	**0**	**6,079**	**6,079**	**0**	**34,957**
PETERSBURG (CITY)	**VALMONT-VIRGINIA GALVANIZING INC**							**3535 HALIFAX RD**				**NAICS Code**	**332812**

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ZINC COMPOUNDS	N	509	254	763	0	5,273	6,036	0	0	0	0	0	51,086
Total for VALMONT-VIRGINIA GALVANIZING INC		**509**	**254**	**763**	**0**	**5,273**	**6,036**	**0**	**0**	**0**	**0**	**0**	**51,086**
Total for Above County : (13 reports)		**1,031**	**4,887**	**5,918**	**0**	**5,273**	**11,191**	**0**	**0**	**6,079**	**6,079**	**87**	**733,291**
PITTSYLVANIA	**ARKEMA INC**							**601 TIGHTSQUEEZE IND US TRIAL RD**				**NAICS Code**	**325211**
ACRYLIC ACID	N	1,400	250	1,650	0	0	1,650	0	0	381,000	381,000	0	0
BUTYL ACRYLATE	N	500	250	750	0	0	750	0	0	1,500	1,500	0	250
CERTAIN GLYCOL ETHERS	N	5	5	10	0	0	10	0	0	4,900	4,900	0	980
DIISOCYANATES	Y	0	0	0	0	0	0	0	0	0	0	0	0
HYDROQUINONE	Y	0	0	0	0	0	0	0	0	0	0	0	0
METHYL METHACRYLATE	N	250	250	500	0	0	500	0	0	550	550	0	500
PHTHALIC ANHYDRIDE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	N	2,100	750	2,850	0	0	2,850	0	1,390,000	27,600	1,417,600	0	382,750
TOLUENE DIISOCYANATE (MIXED	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for ARKEMA INC		**4,255**	**1,505**	**5,760**	**0**	**0**	**5,760**	**0**	**1,390,000**	**415,550**	**1,805,550**	**0**	**384,480**
PITTSYLVANIA	**BLUE RIDGE FIBERBOARD**							**250 CELOTEX DR**				**NAICS Code**	**321219**
PHENOL	N	0	0	0	0	0	0	0	0	0	0	38	35
Total for BLUE RIDGE FIBERBOARD		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**38**	**35**
PITTSYLVANIA	**DANCHEM TECHNOLOGIES INC**							**1975 OLD RICHMOND RD**				**NAICS Code**	**325199**
ACRYLONITRILE	N	39	140	179	0	0	179	0	0	25	25	65	59
ANTIMONY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	635	305
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	30	271
DICAMBA	N	0	0	0	0	0	0	0	0	0	0	0	1,900

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DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLENE GLYCOL	N	98	0	98	0	0	98	0	0	0	0	0	101
MALEIC ANHYDRIDE	N	149	0	149	0	0	149	0	0	0	0	20	140
METHYL METHACRYLATE	N	394	99	493	0	0	493	0	0	0	0	0	15
N-BUTYL ALCOHOL	N	4,400	21,235	25,635	0	0	25,635	0	750	1,050	1,800	0	171,149
NITRIC ACID	N	0	0	0	0	0	0	0	0	0	0	20	18,798
PHENOL	N	0	11	11	0	0	11	0	0	0	0	12	11
TOLUENE	N	1,694	2,250	3,944	0	0	3,944	0	0	35,650	35,650	50	202,322
XYLENE (MIXED ISOMERS)	N	2,344	2	2,346	0	0	2,346	0	0	0	0	10	16,235
Total for DANCHEM TECHNOLOGIES INC		**9,118**	**23,736**	**32,854**	**0**	**0**	**32,854**	**0**	**750**	**36,725**	**37,475**	**841**	**411,306**
PITTSYLVANIA	**ELKAY WOOD PRODUCTS CO**							**2000 CANE CREEK PKWY**				**NAICS Code**	**337110**
XYLENE (MIXED ISOMERS)	N	3,107	9,320	12,427	0	0	12,427	0	0	0	0	0	9,936
Total for ELKAY WOOD PRODUCTS CO		**3,107**	**9,320**	**12,427**	**0**	**0**	**12,427**	**0**	**0**	**0**	**0**	**0**	**9,936**
PITTSYLVANIA	**INTERTAPE POLYMER CORP**							**1101 EAGLE SPRINGS RD**				**NAICS Code**	**326113**
TOLUENE	N	7,215	82,974	90,189	0	0	90,189	0	2,261,191	0	2,261,191	0	0
Total for INTERTAPE POLYMER CORP		**7,215**	**82,974**	**90,189**	**0**	**0**	**90,189**	**0**	**2,261,191**	**0**	**2,261,191**	**0**	**0**
PITTSYLVANIA	**JTI LEAF SERVICES (US) LLC**							**202 STINSON DRIVE**				**NAICS Code**	**312230**
AMMONIA	N	1,209	4,888	6,097	0	0	6,097	0	0	0	0	1,337	802
NICOTINE AND SALTS	N	22,841	48,403	71,244	0	0	71,244	0	0	0	0	4,470	2,237
Total for JTI LEAF SERVICES (US) LLC		**24,050**	**53,291**	**77,341**	**0**	**0**	**77,341**	**0**	**0**	**0**	**0**	**5,807**	**3,040**
PITTSYLVANIA	**POLYNT COMPOSITES USA INC.**							**920 TIGHTSQUEEZE IND US TRIAL RD -**				**NAICS Code**	**325211**
DICYCLOPENTADIENE	N	122	294	416	0	0	416	0	0	0	0	0	6,928
ETHYLBENZENE	N	0	0	0	0	0	0	0	0	0	0	1	5,839

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ETHYLENE GLYCOL	N	25	61	86	0	0	86	0	0	0	0	0	29,202
MALEIC ANHYDRIDE	N	199	880	1,079	0	0	1,079	0	0	0	0	0	146
METHANOL	Y	0	0	0	0	0	0	0	0	0	0	0	0
PHTHALIC ANHYDRIDE	N	94	340	434	0	0	434	0	0	0	0	0	146
STYRENE	N	527	806	1,333	0	0	1,333	0	0	0	0	956	6,398
TRIETHYLAMINE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for POLYNT COMPOSITES USA INC.		**967**	**2,381**	**3,348**	**0**	**0**	**3,348**	**0**	**0**	**0**	**0**	**957**	**48,659**
Total for Above County : (35 reports)		**48,712**	**173,208**	**221,920**	**0**	**0**	**221,920**	**0**	**3,651,941**	**452,275**	**4,104,216**	**7,643**	**857,456**
PORTSMOUTH (CITY)	**U.S. AMINES (PORTSMOUTH) LLC**							**3230 W NORFOLK RD**				**NAICS Code**	**325199**
3-CHLORO-2-METHYL-1-PROPENE	N	69	1	70	0	0	70	0	0	29	29	0	0
ALLYL CHLORIDE	N	244	7	251	0	0	251	0	0	332	332	0	0
ALLYLAMINE	N	239	2,600	2,839	0	0	2,839	0	0	127,400	127,400	0	0
AMMONIA	N	75	0	75	0	0	75	0	0	0	0	8	6
Total for U.S. AMINES (PORTSMOUTH) LLC		**627**	**2,608**	**3,235**	**0**	**0**	**3,235**	**0**	**0**	**127,761**	**127,761**	**8**	**6**
PORTSMOUTH (CITY)	**U.S. NAVY NORFOLK NAVAL SHIPYARD**							**INTERSECTION OF EFFINGHAM ST & GEORGE ST**				**NAICS Code**	**928110**
COPPER COMPOUNDS	N	500	0	500	330	1,000	1,830	0	0	0	0	560	23,403
N-BUTYL ALCOHOL	N	16,000	2,100	18,100	0	0	18,100	0	0	0	0	0	409
XYLENE (MIXED ISOMERS)	N	17,000	1,900	18,900	0	0	18,900	0	0	0	0	27	9,564
Total for U.S. NAVY NORFOLK NAVAL SHIPYARD		**33,500**	**4,000**	**37,500**	**330**	**1,000**	**38,830**	**0**	**0**	**0**	**0**	**587**	**33,377**
PORTSMOUTH (CITY)	**US NAVY DEFENSE FUEL SUPPORT POINT CRANEY ISLAND**							**4501 CEDAR LN BLDG 288**				**NAICS Code**	**928110**
NAPHTHALENE	N	819	0	819	0	0	819	0	343,354	866	344,220	0	73,230
Total for US NAVY DEFENSE FUEL SUPPORT POI		**819**	**0**	**819**	**0**	**0**	**819**	**0**	**343,354**	**866**	**344,220**	**0**	**73,230**

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Total for Above County : (8 reports)		**34,946**	**6,608**	**41,554**	**330**	**1,000**	**42,884**	**0**	**343,354**	**128,627**	**471,981**	**595**	**106,613**
PRINCE GEORGE	**GREEN PLAINS HOPEWELL LLC**							**701 S 6TH AVE -**				**NAICS Code**	**325193**
ACETALDEHYDE	N	7	2,800	2,807	0	0	2,807	0	0	75,677	75,677	0	0
ACROLEIN	N	6	270	276	0	0	276	0	0	8,036	8,036	0	0
AMMONIA	N	0	4,200	4,200	0	0	4,200	0	0	0	0	0	0
FORMALDEHYDE	N	11	1,100	1,111	0	0	1,111	0	0	29,558	29,558	0	0
FORMIC ACID	N	0	1,600	1,600	0	0	1,600	0	0	48,445	48,445	0	0
METHANOL	N	6	360	366	0	0	366	0	0	10,496	10,496	0	0
N-HEXANE	N	0	5,400	5,400	0	0	5,400	0	0	65,182	65,182	0	0
ZINC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GREEN PLAINS HOPEWELL LLC		**30**	**15,730**	**15,760**	**0**	**0**	**15,760**	**0**	**0**	**237,394**	**237,394**	**0**	**0**
PRINCE GEORGE	**METL-SPAN, A DIVISION OF NCI GROUP, INC.**							**6001 QUALITY WAY -**				**NAICS Code**	**332311**
DIISOCYANATES	N	6,090	0	6,090	0	0	6,090	0	0	0	0	0	0
Total for METL-SPAN, A DIVISION OF NCI GROUP,		**6,090**	**0**	**6,090**	**0**	**0**	**6,090**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (9 reports)		**6,120**	**15,730**	**21,850**	**0**	**0**	**21,850**	**0**	**0**	**237,394**	**237,394**	**0**	**0**
PRINCE WILLIAM	**MANASSAS BROAD RUN READY MIX CONCRETE**							**9321 DEVELOPERS DRIVE -**				**NAICS Code**	**327320**
NITRATE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for MANASSAS BROAD RUN READY MIX CO		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PRINCE WILLIAM	**MICRON TECHNOLOGY INC.**							**9600 GODWIN DR**				**NAICS Code**	**334413**
AMMONIA	N	500	13,000	13,500	0	100	13,600	0	0	15,000	15,000	44,000	44,000
FLUORINE	N	0	2,200	2,200	0	0	2,200	0	0	120,000	120,000	0	0
HYDROGEN FLUORIDE	N	0	6,500	6,500	0	0	6,500	0	0	860,000	860,000	0	620

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NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	60,000	54,000
NITRIC ACID	N	0	61	61	0	0	61	0	0	60,000	60,000	0	620
OZONE	N	0	150	150	0	0	150	0	0	150,000	150,000	0	0
PROPYLENE	N	0	150	150	0	0	150	0	0	0	0	0	0
SULFURIC ACID (1994 AND AFTER	N	0	660	660	0	0	660	0	0	140,000	140,000	0	0
Total for MICRON TECHNOLOGY INC.		**500**	**22,721**	**23,221**	**0**	**100**	**23,321**	**0**	**0**	**1,345,000**	**1,345,000**	**104,000**	**99,240**
PRINCE WILLIAM	**POSSUM POINT POWER STATION**							**19000 POSSUM POINT RD -**				**NAICS Code**	**221112**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	N	0	6,160	6,160	0	29,600	35,760	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	N	0	1,120	1,120	0	0	1,120	0	0	0	0	0	0
Total for POSSUM POINT POWER STATION		**0**	**7,280**	**7,280**	**0**	**29,600**	**36,880**	**0**	**0**	**0**	**0**	**0**	**0**
PRINCE WILLIAM	**QUARLES PETROLEUM INC. MANASSAS BULK PLANT**							**8001 WELLINGFORD DR -**				**NAICS Code**	**424710**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUARLES PETROLEUM INC. MANASSAS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PRINCE WILLIAM	**SAFETY-KLEEN SYSTEMS MANASSAS (MAN)**							**11520 BALLS FORD RD**				**NAICS Code**	**562112**
ETHYLENE GLYCOL	N	0	8	8	0	0	8	0	0	0	0	0	403,649
Total for SAFETY-KLEEN SYSTEMS MANASSAS (		**0**	**8**	**8**	**0**	**0**	**8**	**0**	**0**	**0**	**0**	**0**	**403,649**

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PRINCE WILLIAM	**US MARINE CORPS BASE QUANTICO RANGE COMPLEX**							**3250 CATLIN AVE**				**NAICS Code**	**928110**
1,2,4-TRIMETHYLBENZENE	N	3	0	3	0	0	3	0	0	0	0	0	0
BENZENE	N	130	42	172	0	0	172	0	0	0	0	0	0
COPPER	N	0	0	0	0	0	1	0	0	0	0	0	0
CUMENE	N	12	1	13	0	0	13	0	0	0	0	0	0
ETHYLBENZENE	N	325	3	328	0	0	328	0	0	0	0	0	0
ETHYLENE GLYCOL	N	1	0	1	0	0	1	0	0	0	0	0	3,257
NAPHTHALENE	N	1	1	1	0	0	1	0	0	0	0	0	0
N-HEXANE	N	24	340	364	0	0	364	0	0	0	0	0	0
NITRATE COMPOUNDS	N	0	0	0	0	22,884	22,884	0	0	0	0	0	0
PHOSPHORUS (YELLOW OR WHITE	N	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	N	880	46	926	0	0	926	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	330	14	344	0	0	344	0	0	0	0	0	0
Total for US MARINE CORPS BASE QUANTICO RA		**1,706**	**447**	**2,153**	**0**	**22,884**	**25,037**	**0**	**0**	**0**	**0**	**0**	**3,257**
PRINCE WILLIAM	**VIRGINIA CONCRETE GAINESVILLE PLANT**							**7300 RAIL LINE CT**				**NAICS Code**	**327320**
NITRATE COMPOUNDS	N	0	0	0	0	313	313	0	0	0	0	0	0
Total for VIRGINIA CONCRETE GAINESVILLE PLA		**0**	**0**	**0**	**0**	**313**	**313**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (33 reports)		**2,206**	**30,456**	**32,662**	**0**	**52,897**	**85,559**	**0**	**0**	**1,345,000**	**1,345,000**	**104,000**	**506,146**
PULASKI	**BONDCOTE CORP**							**509 BURGIS AVE**				**NAICS Code**	**313320**
ANTIMONY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	3,385
BARIUM COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	72
CHROMIUM COMPOUNDS(EXCEPT	N	0	0	0	0	0	0	0	0	0	0	0	422

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DIBUTYL PHTHALATE	N	0	0	0	0	0	0	0	0	0	0	0	4,124
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	1,057
Total for BONDCOTE CORP		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**9,060**
PULASKI	**CONN-WELD IND INC**							**NEW BERN RD STATE RD 682**				**NAICS Code**	**333131**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for CONN-WELD IND INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PULASKI	**ELECTROPLATE-RITE CORP**							**5529 LEE HWY -**				**NAICS Code**	**332813**
COPPER	N	0	0	0	0	0	0	0	0	0	0	2	1
ZINC COMPOUNDS	N	47	70	117	0	0	117	0	0	0	0	3	2
Total for ELECTROPLATE-RITE CORP		**47**	**70**	**117**	**0**	**0**	**117**	**0**	**0**	**0**	**0**	**5**	**3**
PULASKI	**IMPERIAL GROUP MANUFACTURING INC**							**4969 STEPP PLACE**				**NAICS Code**	**332322**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	19,096
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	81,012
Total for IMPERIAL GROUP MANUFACTURING INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**100,108**
PULASKI	**JAMES HARDIE BUILDING PRODUCTS PULASKI**							**1000 JAMES HARDIE WAY -**				**NAICS Code**	**327390**
CHROMIUM COMPOUNDS(EXCEPT	N	0	0	0	0	0	0	0	0	0	0	1	9
COBALT COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	N	0	0	0	0	0	0	0	0	0	0	1	1
MANGANESE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for JAMES HARDIE BUILDING PRODUCTS P		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**10**
PULASKI	**MAR-BAL, INC.**							**5400 RESERVE WAY**				**NAICS Code**	**326199**
STYRENE	N	736	0	736	0	0	736	0	0	0	0	0	123

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Total for MAR-BAL, INC.		**736**	**0**	**736**	**0**	**0**	**736**	**0**	**0**	**0**	**0**	**0**	**123**
PULASKI	**NORDSON XALOY INC**							**102 XALOY WAY -**				**NAICS Code**	**332999**
MANGANESE	N	1	15	16	0	0	16	0	0	0	0	0	19,598
NICKEL	N	2	31	33	0	0	33	0	0	0	0	0	47,342
Total for NORDSON XALOY INC		**2**	**46**	**48**	**0**	**0**	**48**	**0**	**0**	**0**	**0**	**0**	**66,940**
PULASKI	**VOLVO GROUP NORTH AMERICA, LLC**							**4881 COUGAR TRAIL ROAD**				**NAICS Code**	**336120**
ETHYLENE GLYCOL	N	2	2	4	0	0	4	0	0	7	7	0	16,793
METHANOL	N	4	204	208	0	0	208	0	0	1	1	0	665
N-BUTYL ALCOHOL	N	92	8,342	8,434	0	0	8,434	0	0	49,164	49,164	0	198,932
Total for VOLVO GROUP NORTH AMERICA, LLC		**98**	**8,548**	**8,646**	**0**	**0**	**8,646**	**0**	**0**	**49,172**	**49,172**	**0**	**216,390**
Total for Above County : (20 reports)		**883**	**8,664**	**9,547**	**0**	**0**	**9,547**	**0**	**0**	**49,172**	**49,172**	**7**	**392,634**
RICHMOND	**MONDELEZ GLOBAL LLC**							**6002 S LABURNUM AVE -**				**NAICS Code**	**311821**
AMMONIA	N	0	119,540	119,540	0	0	119,540	0	0	0	0	0	0
Total for MONDELEZ GLOBAL LLC		**0**	**119,540**	**119,540**	**0**	**0**	**119,540**	**0**	**0**	**0**	**0**	**0**	**0**
RICHMOND	**QPI WARSAW BULK PLANT**							**11549 HISTORYLAND HWY -**				**NAICS Code**	**424710**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QPI WARSAW BULK PLANT		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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RICHMOND	**RIVER POOLS AND SPAS**							**196 SELFTOWN RD**				**NAICS Code**	**326199**
STYRENE	N	4,480	13,438	17,918	0	0	17,918	0	0	0	0	0	0
Total for RIVER POOLS AND SPAS		**4,480**	**13,438**	**17,918**	**0**	**0**	**17,918**	**0**	**0**	**0**	**0**	**0**	**0**
RICHMOND	**WOOD PRESERVERS INC**							**15939 HISTORY LAND HWY**				**NAICS Code**	**321114**
ARSENIC COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	13
CHROMIUM COMPOUNDS(EXCEPT	N	0	0	0	0	0	0	0	0	0	0	0	18
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	41
STYRENE	N	117	2,230	2,347	0	0	2,347	0	0	0	0	0	0
Total for WOOD PRESERVERS INC		**117**	**2,230**	**2,347**	**0**	**1**	**2,348**	**0**	**0**	**0**	**0**	**0**	**73**
Total for Above County : (12 reports)		**4,597**	**135,208**	**139,805**	**0**	**1**	**139,806**	**0**	**0**	**0**	**0**	**0**	**73**
RICHMOND (CITY)	**BELLEMEADE POWER STATION**							**1860 COMMERCE RD -**				**NAICS Code**	**221112**
AMMONIA	N	0	14,000	14,000	0	0	14,000	0	0	0	0	0	0
Total for BELLEMEADE POWER STATION		**0**	**14,000**	**14,000**	**0**	**0**	**14,000**	**0**	**0**	**0**	**0**	**0**	**0**
RICHMOND (CITY)	**CARPENTER CO RICHMOND PLANT**							**2400 JEFFERSON DAVIS HWY -**				**NAICS Code**	**326150**
DIISOCYANATES	N	521	4,690	5,211	0	0	5,211	0	0	0	0	0	51,736
TOLUENE DIISOCYANATE (MIXED	N	0	1,534	1,534	0	0	1,534	0	0	0	0	0	22,174
Total for CARPENTER CO RICHMOND PLANT		**521**	**6,224**	**6,745**	**0**	**0**	**6,745**	**0**	**0**	**0**	**0**	**0**	**73,910**
RICHMOND (CITY)	**KINDER MORGAN TRANSMIX COMPANY, LLC**							**3302 DEEPWATER TERMINAL RD**				**NAICS Code**	**424710**
1,2,4-TRIMETHYLBENZENE	N	132	1	133	0	0	133	0	0	29	29	0	1
BENZENE	N	116	31	147	0	0	147	0	0	814	814	0	1
ETHYLBENZENE	N	32	2	34	0	0	34	0	0	0	0	0	1
N-HEXANE	N	93	28	121	0	0	121	0	0	734	734	0	0

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TOLUENE	N	238	35	274	0	1	274	0	0	914	914	0	3
XYLENE (MIXED ISOMERS)	N	300	14	315	0	1	316	0	0	378	378	0	3
Total for KINDER MORGAN TRANSMIX COMPANY,		**911**	**113**	**1,023**	**0**	**3**	**1,026**	**0**	**0**	**2,869**	**2,869**	**0**	**8**
RICHMOND (CITY)	**LAND-O-SUN DAIRIES LLC (DBA PET DAIRY) RICHMOND**							**1505 ROBIN HOOD RD**				**NAICS Code**	**311511**
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	34,483	34,483
NITRIC ACID	N	5	0	5	0	0	5	0	0	35,033	35,033	0	250
Total for LAND-O-SUN DAIRIES LLC (DBA PET DAI		**5**	**0**	**5**	**0**	**0**	**5**	**0**	**0**	**35,033**	**35,033**	**34,483**	**34,733**
RICHMOND (CITY)	**PHILIP MORRIS USA COMMERCE ROAD SITE**							**3601 COMMERCE RD**				**NAICS Code**	**312230**
AMMONIA	N	185	18,528	18,713	0	0	18,713	0	0	4,654	4,654	1,736	1,047
NICOTINE AND SALTS	N	106	10,577	10,683	0	0	10,683	0	0	96,574	96,574	59,086	129,354
Total for PHILIP MORRIS USA COMMERCE ROAD		**291**	**29,105**	**29,396**	**0**	**0**	**29,396**	**0**	**0**	**101,228**	**101,228**	**60,822**	**130,400**
RICHMOND (CITY)	**SPRUANCE GENCO LLC**							**5001 COMMERCE RD**				**NAICS Code**	**221112**
BARIUM COMPOUNDS	N	0	0	0	0	102	102	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	27,233	27,233	0	0	27,233	0	0	327,172	327,172	0	0
HYDROGEN FLUORIDE	N	0	3,404	3,404	0	0	3,404	0	0	40,896	40,896	0	0
MANGANESE COMPOUNDS	N	0	26	26	0	13	39	0	0	0	0	0	508
SULFURIC ACID (1994 AND AFTER	N	38	35	73	0	0	73	0	0	114,261	114,261	0	0
Total for SPRUANCE GENCO LLC		**38**	**30,699**	**30,737**	**0**	**114**	**30,851**	**0**	**0**	**482,329**	**482,329**	**0**	**508**
RICHMOND (CITY)	**STERILIZATION SERVICES OF VIRGINIA**							**5674 EASTPORT BLVD -**				**NAICS Code**	**339112**
ETHYLENE GLYCOL	N	0	0	0	0	0	0	0	0	0	0	0	857,725
ETHYLENE OXIDE	N	0	7,749	7,749	0	0	7,749	0	0	362,549	362,549	0	0
Total for STERILIZATION SERVICES OF VIRGINIA		**0**	**7,749**	**7,749**	**0**	**0**	**7,749**	**0**	**0**	**362,549**	**362,549**	**0**	**857,725**

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RICHMOND (CITY)	**TCS MATERIALS RICHMOND PLANT**							**2100 DEEPWATER TERMINAL ROAD**				**NAICS Code**	**327320**
NITRATE COMPOUNDS	N	0	0	0	0	382	382	0	0	0	0	0	0
Total for TCS MATERIALS RICHMOND PLANT		**0**	**0**	**0**	**0**	**382**	**382**	**0**	**0**	**0**	**0**	**0**	**0**
RICHMOND (CITY)	**UPACO ADHESIVES INC**							**4105 CASTLEWOOD RD**				**NAICS Code**	**325520**
TOLUENE	N	1,363	1,363	2,726	0	0	2,726	0	0	0	0	0	1,334
XYLENE (MIXED ISOMERS)	N	1,172	1,172	2,344	0	0	2,344	0	0	0	0	0	1,147
Total for UPACO ADHESIVES INC		**2,535**	**2,535**	**5,070**	**0**	**0**	**5,070**	**0**	**0**	**0**	**0**	**0**	**2,481**
Total for Above County : (23 reports)		**4,301**	**90,424**	**94,726**	**0**	**499**	**95,224**	**0**	**0**	**984,008**	**984,008**	**95,305**	**1,099,765**
ROANOKE	**ACCELLENT**							**200 S. YORKSHIRE STREET**				**NAICS Code**	**332996**
NITRIC ACID	N	0	0	0	0	0	0	0	0	25,104	25,104	0	0
TRICHLOROETHYLENE	N	1,542	0	1,542	0	0	1,542	0	0	0	0	0	8,800
Total for Accellent		**1,542**	**0**	**1,542**	**0**	**0**	**1,542**	**0**	**0**	**25,104**	**25,104**	**0**	**8,800**
ROANOKE	**GRAHAM-WHITE MANUFACTURING CO.**							**1242 COLORADO ST**				**NAICS Code**	**336510**
COPPER	N	48	0	48	0	5	53	0	0	0	0	2	29,330
Total for GRAHAM-WHITE MANUFACTURING CO.		**48**	**0**	**48**	**0**	**5**	**53**	**0**	**0**	**0**	**0**	**2**	**29,330**
ROANOKE	**KIK (VIRGINIA) LLC**							**27 MILL LN**				**NAICS Code**	**325612**
AMMONIA	Y	0	0	0	0	0	0	0	0	0	0	0	0
CHLORINE	N	1	0	1	0	0	1	0	0	0	0	0	0
Total for KIK (VIRGINIA) LLC		**1**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
ROANOKE	**KOPPERS INC (ROANOKE)**							**4020 KOPPERS RD**				**NAICS Code**	**321114**
CREOSOTE	N	1,700	1,300	3,000	0	1	3,001	0	540,000	50	540,050	0	5,002
Total for KOPPERS INC (ROANOKE)		**1,700**	**1,300**	**3,000**	**0**	**1**	**3,001**	**0**	**540,000**	**50**	**540,050**	**0**	**5,002**

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ROANOKE	**MEDECO SECURITY LOCKS INC.**							**3625 ALLEGHENY DR**				**NAICS Code**	**332510**
COPPER COMPOUNDS	N	0	0	0	0	2	2	0	0	0	0	2	591,081
ZINC COMPOUNDS	N	0	1	1	0	15	16	0	0	0	0	1	324,204
Total for MEDECO SECURITY LOCKS INC.		**0**	**1**	**1**	**0**	**18**	**18**	**0**	**0**	**0**	**0**	**4**	**915,285**
ROANOKE	**MENNEL MILLING CO OF VIRGINIA**							**5185 BENOIS RD -**				**NAICS Code**	**311211**
CHLORINE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for MENNEL MILLING CO OF VIRGINIA		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
ROANOKE	**NEW MILLENNIUM BUILDING SYSTEMS**							**100 DIUGUIDS LANE**				**NAICS Code**	**332312**
CERTAIN GLYCOL ETHERS	N	14,658	0	14,658	0	0	14,658	0	0	0	0	0	0
MANGANESE	N	168	0	168	0	0	168	0	0	0	0	0	70,861
NICKEL	N	1	0	1	0	0	1	0	0	0	0	0	5,668
Total for NEW MILLENNIUM BUILDING SYSTEMS		**14,827**	**0**	**14,827**	**0**	**0**	**14,827**	**0**	**0**	**0**	**0**	**0**	**76,529**
ROANOKE	**NOVOZYMES**							**420 KESLER MILL RD**				**NAICS Code**	**325414**
NITRATE COMPOUNDS	N	0	0	0	0	5	5	0	0	0	0	32	28
Total for NOVOZYMES		**0**	**0**	**0**	**0**	**5**	**5**	**0**	**0**	**0**	**0**	**32**	**28**
ROANOKE	**SAFETY-KLEEN SYSTEMS VINTON (ROA)**							**16090 STEWARTSVILLE RD**				**NAICS Code**	**562112**
ETHYLENE GLYCOL	N	0	5	5	0	0	5	0	0	0	0	0	262,537
Total for SAFETY-KLEEN SYSTEMS VINTON (ROA		**0**	**5**	**5**	**0**	**0**	**5**	**0**	**0**	**0**	**0**	**0**	**262,537**
ROANOKE	**TECTON PRODUCTS LLC**							**5415 CORPORATE CIR**				**NAICS Code**	**326199**
STYRENE	N	0	355	355	0	0	355	0	0	31,063	31,063	0	1,501
Total for TECTON PRODUCTS LLC		**0**	**355**	**355**	**0**	**0**	**355**	**0**	**0**	**31,063**	**31,063**	**0**	**1,501**
ROANOKE	**VIRGINIA TRANSFORMER CORP.**							**220 GLADE VIEW DR NE -**				**NAICS Code**	**335311**

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XYLENE (MIXED ISOMERS)	N	4,914	2,404	7,318	0	0	7,318	0	965	0	965	0	0
Total for VIRGINIA TRANSFORMER CORP.		**4,914**	**2,404**	**7,318**	**0**	**0**	**7,318**	**0**	**965**	**0**	**965**	**0**	**0**
ROANOKE	**YOKOHAMA TIRE MANUFACTURING VIRGINIA LLC**							**1500 INDIANA ST**				**NAICS Code**	**326211**
ZINC COMPOUNDS	N	3,667	0	3,667	0	5	3,672	0	0	0	0	31	18,685
Total for YOKOHAMA TIRE MANUFACTURING VIR		**3,667**	**0**	**3,667**	**0**	**5**	**3,672**	**0**	**0**	**0**	**0**	**31**	**18,685**
Total for Above County : (17 reports)		**26,699**	**4,065**	**30,763**	**0**	**34**	**30,797**	**0**	**540,965**	**56,217**	**597,182**	**68**	**1,317,697**
ROANOKE (CITY)	**AKZO NOBEL COATINGS INC**							**2837 ROANOKE AVE SW**				**NAICS Code**	**325510**
1,2,4-TRIMETHYLBENZENE	N	853	0	853	0	0	853	0	0	0	0	0	5,373
ETHYLBENZENE	N	2,259	12	2,271	0	0	2,271	0	0	0	0	0	3,224
METHANOL	N	2,025	91	2,116	0	0	2,116	0	0	0	0	0	12,051
METHYL ISOBUTYL KETONE	N	6,381	0	6,381	0	0	6,381	0	0	0	0	0	5,373
N-BUTYL ALCOHOL	N	3,295	0	3,295	0	0	3,295	0	0	0	0	0	13,969
TOLUENE	N	3,069	44	3,113	0	0	3,113	0	0	0	0	0	22,563
XYLENE (MIXED ISOMERS)	N	9,656	25	9,681	0	0	9,681	0	0	0	0	0	33,308
Total for AKZO NOBEL COATINGS INC		**27,538**	**172**	**27,710**	**0**	**0**	**27,710**	**0**	**0**	**0**	**0**	**0**	**95,861**
ROANOKE (CITY)	**ARDAGH METAL PACKAGING USA INC**							**5022 HOLLINS RD**				**NAICS Code**	**332431**
CERTAIN GLYCOL ETHERS	N	0	3,100	3,100	0	0	3,100	0	0	170,000	170,000	0	2,700
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	81,312
COPPER	N	0	0	0	0	250	250	0	0	0	0	0	5,707
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	99,302
N-BUTYL ALCOHOL	N	0	13,000	13,000	0	0	13,000	0	0	720,000	720,000	0	15,500
Total for ARDAGH METAL PACKAGING USA INC		**0**	**16,100**	**16,100**	**0**	**250**	**16,350**	**0**	**0**	**890,000**	**890,000**	**0**	**204,522**

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Facility County/Independent City / Facility Name/Address / Chemical Name	form A*	On-Site Releases from Section 5 of Form R: Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	On-Site Management from Section 8 of Form R: Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	Off-Site Transfers from Section 6 of Form R: POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
ROANOKE (CITY)	**CHEMSOLV INC**							**1140 INDUSTRY AVE SE**				**NAICS Code**	**424690**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	Y	0	0	0	0	0	0	0	0	0	0	0	0
BUTYL ACRYLATE	Y	0	0	0	0	0	0	0	0	0	0	0	0
CYCLOHEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
DICHLOROMETHANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
DIETHANOLAMINE	Y	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLENE GLYCOL	N	15	1	16	0	0	16	0	0	0	0	0	0
FORMALDEHYDE	Y	0	0	0	0	0	0	0	0	0	0	0	0
METHANOL	N	391	523	914	0	0	914	0	0	0	0	0	0
METHYL ISOBUTYL KETONE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-BUTYL ALCOHOL	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	N	88	235	323	0	0	323	0	0	0	0	0	0
NITRIC ACID	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-METHYL-2-PYRROLIDONE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	N	196	377	573	0	0	573	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	38	72	110	0	0	110	0	0	0	0	0	0
Total for CHEMSOLV INC		**728**	**1,208**	**1,936**	**0**	**0**	**1,936**	**0**	**0**	**0**	**0**	**0**	**0**
ROANOKE (CITY)	**STEEL DYNAMICS INC ROANOKE BAR DIV**							**102 WESTSIDE BLVD**				**NAICS Code**	**331110**
CHROMIUM COMPOUNDS(EXCEPT	N	9	24	33	0	0	33	0	0	0	0	0	44,272
COPPER COMPOUNDS	N	2	28	30	0	34	64	0	0	0	0	0	26,301
MANGANESE COMPOUNDS	N	91	816	907	0	0	907	0	0	0	0	0	304,889
NICKEL COMPOUNDS	N	1	4	5	0	0	5	0	0	0	0	0	3,982

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ZINC COMPOUNDS	N	24	1,613	1,637	0	501	2,138	0	0	0	0	0	2,292,093
Total for STEEL DYNAMICS INC ROANOKE BAR DI		**127**	**2,485**	**2,612**	**0**	**535**	**3,147**	**0**	**0**	**0**	**0**	**0**	**2,671,537**
Total for Above County : (33 reports)		**28,393**	**19,965**	**48,358**	**0**	**785**	**49,143**	**0**	**0**	**890,000**	**890,000**	**0**	**2,971,920**
ROCKBRIDGE	**MODINE MANUFACTURING CO**							**1221 MAGNOLIA AVE**				**NAICS Code**	**333414**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	29,180
COPPER	N	11	46	57	0	1	58	0	0	0	0	0	5,230
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	4,280
Total for MODINE MANUFACTURING CO		**11**	**46**	**57**	**0**	**1**	**58**	**0**	**0**	**0**	**0**	**0**	**38,690**
ROCKBRIDGE	**MUNTERS**							**225 S MAGNOLIA AVE**				**NAICS Code**	**333415**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	79,940
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	11,132
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	39,544
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	74,532
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	42,988
Total for MUNTERS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**248,136**
ROCKBRIDGE	**STELLA JONES CORP-GOSHEN FACILITY**							**9223 MAURY RIVER RD**				**NAICS Code**	**321114**
CREOSOTE	N	3,471	3,219	6,690	0	0	6,690	0	0	0	0	0	21,965
Total for STELLA JONES CORP-GOSHEN FACILIT		**3,471**	**3,219**	**6,690**	**0**	**0**	**6,690**	**0**	**0**	**0**	**0**	**0**	**21,965**
Total for Above County : (9 reports)		**3,482**	**3,265**	**6,747**	**0**	**1**	**6,748**	**0**	**0**	**0**	**0**	**0**	**308,791**
ROCKINGHAM	**BRIDGEWATER PROCESSING PLANT FACILITY #08**							**100 QUALITY ST.**				**NAICS Code**	**311615**
AMMONIA	N	21,294	0	21,294	0	0	21,294	0	0	0	0	8,415	8,415
Total for BRIDGEWATER PROCESSING PLANT FA		**21,294**	**0**	**21,294**	**0**	**0**	**21,294**	**0**	**0**	**0**	**0**	**8,415**	**8,415**

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ROCKINGHAM	**CARGILL MEAT SOLUTIONS INC**							**135 HUFFMAN DR**				**NAICS Code**	**311615**
NITRIC ACID	N	0	0	0	0	0	0	0	0	13,721	13,721	0	0
PERACETIC ACID	N	0	0	0	0	0	0	0	0	64,469	64,469	0	0
Total for CARGILL MEAT SOLUTIONS INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**78,190**	**78,190**	**0**	**0**
ROCKINGHAM	**CARGILL TURKEY PRODUCTION LLC**							**1 KRATZER RD**				**NAICS Code**	**311119**
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
ZINC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CARGILL TURKEY PRODUCTION LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
ROCKINGHAM	**GEORGE'S FOODS, LLC. PROCESSING PLANT**							**501 N LIBERTY ST**				**NAICS Code**	**311615**
PERACETIC ACID	N	0	0	0	0	0	0	0	0	96,740	96,740	0	0
Total for GEORGE'S FOODS, LLC. PROCESSING P		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**96,740**	**96,740**	**0**	**0**
ROCKINGHAM	**LSC COMMUNICATIONS / HARRISONBURG N**							**2347 KRATZER RD -**				**NAICS Code**	**323117**
CERTAIN GLYCOL ETHERS	N	14,303	5,315	19,618	0	0	19,618	0	0	0	0	1,340	1,233
Total for LSC COMMUNICATIONS / HARRISONBU		**14,303**	**5,315**	**19,618**	**0**	**0**	**19,618**	**0**	**0**	**0**	**0**	**1,340**	**1,233**
ROCKINGHAM	**MERCK SHARP & DOHME CORP.**							**2778 SE SIDE HWY**				**NAICS Code**	**325412**
ACETONITRILE	N	5,780	560	6,340	0	0	6,340	0	0	6,480	6,480	0	326,050
ETHYLENE GLYCOL	N	160	0	160	0	0	160	0	0	7,490	7,490	0	0
METHANOL	N	9,320	2,170	11,490	0	0	11,490	0	0	202,800	202,800	0	285,090
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	35,420	35,420	0	0
Total for MERCK SHARP & DOHME CORP.		**15,260**	**2,730**	**17,990**	**0**	**0**	**17,990**	**0**	**0**	**252,190**	**252,190**	**0**	**611,140**
ROCKINGHAM	**MILLERCOORS-SHENANDOAH**							**5135 S EASTSIDE HWY**				**NAICS Code**	**312120**

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AMMONIA	N	121	90	211	46,085	426	46,722	0	0	46,085	46,085	0	0
FORMIC ACID	N	0	0	0	0	5	5	0	0	20,881	20,881	0	0
NITRATE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for MILLERCOORS-SHENANDOAH		**121**	**90**	**211**	**46,085**	**431**	**46,727**	**0**	**0**	**66,966**	**66,966**	**0**	**0**
ROCKINGHAM	**PILGRIM'S PRIDE CORP BROADWAY FACILITY**							**330 CO-OP DR**				**NAICS Code**	**311615**
AMMONIA	N	2,960	0	2,960	0	0	2,960	0	0	0	0	39,227	39,227
PERACETIC ACID	N	0	0	0	0	0	0	0	0	48,148	48,148	0	0
Total for PILGRIM'S PRIDE CORP BROADWAY FA		**2,960**	**0**	**2,960**	**0**	**0**	**2,960**	**0**	**0**	**48,148**	**48,148**	**39,227**	**39,227**
ROCKINGHAM	**VALLEY PROTEINS INC LINVILLE FACILITY**							**6230 KRATZER RD**				**NAICS Code**	**311613**
CHLORINE DIOXIDE	N	0	0	0	14,725	0	14,725	0	0	0	0	0	0
Total for VALLEY PROTEINS INC LINVILLE FACILI		**0**	**0**	**0**	**14,725**	**0**	**14,725**	**0**	**0**	**0**	**0**	**0**	**0**
ROCKINGHAM	**VPGC LLC BROADWAY FEEDMIL**							**410 S MAIN ST**				**NAICS Code**	**311119**
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
ZINC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for VPGC LLC BROADWAY FEEDMIL		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
ROCKINGHAM	**VPGC LLC HINTON FACILITY**							**6349 RAWLEY PIKE HWY 33 WE**				**NAICS Code**	**311615**
NITRATE COMPOUNDS	N	0	0	0	0	76,836	76,836	0	0	404,439	404,439	0	0
Total for VPGC LLC HINTON FACILITY		**0**	**0**	**0**	**0**	**76,836**	**76,836**	**0**	**0**	**404,439**	**404,439**	**0**	**0**
ROCKINGHAM	**WWF OPERATING CO**							**6364 S VALLEY PIKE**				**NAICS Code**	**311511**
AMMONIA	N	0	0	0	0	0	0	0	0	0	0	0	0
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	417,372	375,634

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NITRIC ACID	N	0	0	0	0	0	0	0	0	417,372	417,372	0	0
Total for WWF OPERATING CO		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**417,372**	**417,372**	**417,372**	**375,634**
Total for Above County : (25 reports)		**53,938**	**8,135**	**62,073**	**60,810**	**77,267**	**200,150**	**0**	**0**	**1,364,045**	**1,364,045**	**466,354**	**1,035,649**
RUSSELL	**SAMUEL PRESSURE VESSEL GROUP - LEBANON**							**58 SAMUEL WAY**				**NAICS Code**	**332420**
MANGANESE	N	76	0	76	0	13	89	0	0	0	0	0	13,195
Total for SAMUEL PRESSURE VESSEL GROUP - L		**76**	**0**	**76**	**0**	**13**	**89**	**0**	**0**	**0**	**0**	**0**	**13,195**
Total for Above County : (1 record)		**76**	**0**	**76**	**0**	**13**	**89**	**0**	**0**	**0**	**0**	**0**	**13,195**
SALEM (CITY)	**GE DRIVES & CONTROLS**							**1501 ROANOKE BLVD**				**NAICS Code**	**335314**
COPPER	N	0	0	0	0	9	9	0	0	0	0	12	40,000
Total for GE DRIVES & CONTROLS		**0**	**0**	**0**	**0**	**9**	**9**	**0**	**0**	**0**	**0**	**12**	**40,000**
SALEM (CITY)	**QUALICHEM, INC PLANT 1**							**2003 SALEM INDUSTRIAL DR**				**NAICS Code**	**325998**
2-PHENYLPHENOL	Y	0	0	0	0	0	0	0	0	0	0	0	0
CERTAIN GLYCOL ETHERS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUALICHEM, INC PLANT 1		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
SALEM (CITY)	**QUALICHEM, INC. PLANT 2**							**510 BRANCH DR**				**NAICS Code**	**325998**
SODIUM NITRITE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUALICHEM, INC. PLANT 2		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (4 reports)		**0**	**0**	**0**	**0**	**9**	**9**	**0**	**0**	**0**	**0**	**12**	**40,000**
SCOTT	**TEMPUR PRODUCTION USA INC**							**203 TEMPURPEDIC DR**				**NAICS Code**	**337910**
TOLUENE DIISOCYANATE (MIXED	N	5	5	10	0	0	10	0	0	0	0	0	3,074
Total for TEMPUR PRODUCTION USA INC		**5**	**5**	**10**	**0**	**0**	**10**	**0**	**0**	**0**	**0**	**0**	**3,074**

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Total for Above County : (1 record)		**5**	**5**	**10**	**0**	**0**	**10**	**0**	**0**	**0**	**0**	**0**	**3,074**
SHENANDOAH	**GEORGE'S CHICKEN LLC**							**19992 SENEDO RD**				**NAICS Code**	**311615**
NITRATE COMPOUNDS	N	0	0	0	0	41,400	41,400	0	0	6,178,448	6,178,448	0	1,853
PERACETIC ACID	N	0	0	0	0	0	0	0	0	157,700	157,700	0	0
Total for GEORGE'S CHICKEN LLC		**0**	**0**	**0**	**0**	**41,400**	**41,400**	**0**	**0**	**6,336,148**	**6,336,148**	**0**	**1,853**
SHENANDOAH	**HOWELL METAL CO**							**574 DEPOT RD -**				**NAICS Code**	**331420**
COPPER	N	0	26	26	0	0	26	0	0	0	0	0	198,601
Total for HOWELL METAL CO		**0**	**26**	**26**	**0**	**0**	**26**	**0**	**0**	**0**	**0**	**0**	**198,601**
SHENANDOAH	**LSC COMMUNICATIONS / STRASBURG**							**ONE SHENANDOAH VALLEY DR -**				**NAICS Code**	**323111**
CERTAIN GLYCOL ETHERS	N	3,739	48	3,787	0	0	3,787	0	0	9,595	9,595	83	76
Total for LSC COMMUNICATIONS / STRASBURG		**3,739**	**48**	**3,787**	**0**	**0**	**3,787**	**0**	**0**	**9,595**	**9,595**	**83**	**76**
SHENANDOAH	**MASCO CABINETRY**							**1325 INDUSTRIAL PARK RD**				**NAICS Code**	**337110**
CERTAIN GLYCOL ETHERS	N	10	9,390	9,400	0	0	9,400	0	0	0	0	0	1,216
ETHYLBENZENE	N	241	20,391	20,632	0	0	20,632	0	0	3,863	3,863	0	1,091
METHANOL	N	123	11,125	11,248	0	0	11,248	0	0	1,897	1,897	0	406
TOLUENE	N	479	34,429	34,908	0	0	34,908	0	0	7,586	7,586	0	1,168
XYLENE (MIXED ISOMERS)	N	1,144	95,806	96,950	0	0	96,950	0	0	18,333	18,333	0	5,079
Total for MASCO CABINETRY		**1,998**	**171,141**	**173,139**	**0**	**0**	**173,139**	**0**	**0**	**31,678**	**31,678**	**0**	**8,961**
SHENANDOAH	**NEW MARKET POULTRY LLC**							**145 OLD EAST CROSS ROAD -**				**NAICS Code**	**112390**
NITRATE COMPOUNDS	N	0	0	0	0	9,100	9,100	0	0	342,800	342,800	0	475
Total for NEW MARKET POULTRY LLC		**0**	**0**	**0**	**0**	**9,100**	**9,100**	**0**	**0**	**342,800**	**342,800**	**0**	**475**

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Total for Above County : (10 reports)		**5,737**	**171,215**	**176,952**	**0**	**50,500**	**227,452**	**0**	**0**	**6,720,221**	**6,720,221**	**83**	**209,966**
SMYTH	**TITAN WHEEL CORP OF VIRGINIA**							**227 ALLISON GAP RD**				**NAICS Code**	**332999**
MANGANESE COMPOUNDS	N	338	0	338	0	0	338	0	0	0	0	0	7,230
Total for TITAN WHEEL CORP OF VIRGINIA		**338**	**0**	**338**	**0**	**0**	**338**	**0**	**0**	**0**	**0**	**0**	**7,230**
SMYTH	**UTILITY TRAILER MANUFACTURING CO**							**124 MOUNTAIN EMPIRE RD**				**NAICS Code**	**336212**
CHROMIUM	N	0	5	5	0	0	5	0	0	0	0	0	159,474
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE	N	0	17	17	0	0	17	0	0	0	0	0	89,011
NICKEL	N	0	2	2	0	0	2	0	0	0	0	0	51,019
Total for UTILITY TRAILER MANUFACTURING CO		**0**	**24**	**24**	**0**	**0**	**24**	**0**	**0**	**0**	**0**	**0**	**299,504**
Total for Above County : (5 reports)		**338**	**24**	**362**	**0**	**0**	**362**	**0**	**0**	**0**	**0**	**0**	**306,734**
SOUTHAMPTON	**ARKEMA INC FRANKLIN PLANT**							**27047 SHADY BROOK TRAIL**				**NAICS Code**	**325199**
TERT-BUTYL ALCOHOL	N	250	250	500	0	0	500	0	0	0	0	0	116,550
Total for ARKEMA INC FRANKLIN PLANT		**250**	**250**	**500**	**0**	**0**	**500**	**0**	**0**	**0**	**0**	**0**	**116,550**
SOUTHAMPTON	**ATLANTIC POLE & PILING - NEWSOMS**							**21366 GENERAL THOMAS HWY -**				**NAICS Code**	**321114**
ARSENIC COMPOUNDS	N	0	0	0	0	5	5	0	0	0	0	0	0
CHROMIUM COMPOUNDS(EXCEPT	N	0	0	0	0	1	1	0	0	0	0	0	0
COPPER COMPOUNDS	N	0	0	0	0	1	1	0	0	0	0	0	0
Total for ATLANTIC POLE & PILING - NEWSOMS		**0**	**0**	**0**	**0**	**7**	**7**	**0**	**0**	**0**	**0**	**0**	**0**
SOUTHAMPTON	**SOLENIS LLC**							**27123 SHADY BROOK TRAIL**				**NAICS Code**	**325199**
1,2-DICHLOROPROPANE	N	3,298	504	3,802	0	46	3,848	0	0	0	0	0	138

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HYDROCHLORIC ACID (1995 AND	N	16,786	2,568	19,354	0	0	19,354	0	0	0	0	0	0
TRIETHYLAMINE	N	4,266	627	4,893	0	5	4,898	0	0	0	0	0	140,890
Total for SOLENIS LLC		**24,350**	**3,699**	**28,049**	**0**	**51**	**28,100**	**0**	**0**	**0**	**0**	**0**	**141,028**
Total for Above County : (7 reports)		**24,600**	**3,949**	**28,549**	**0**	**58**	**28,607**	**0**	**0**	**0**	**0**	**0**	**257,578**
SPOTSYLVANIA	**CMC REBAR**							**9434 CROSSROADS PKWY**				**NAICS Code**	**332312**
NICKEL COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CMC REBAR		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
SPOTSYLVANIA	**ONDULINE NA**							**4900 ONDURA DR**				**NAICS Code**	**324122**
CERTAIN GLYCOL ETHERS	N	610	19,780	20,390	0	0	20,390	0	0	0	0	0	0
CHROMIUM COMPOUNDS(EXCEPT	N	0	0	0	0	0	0	0	0	0	0	0	974
Total for ONDULINE NA		**610**	**19,780**	**20,390**	**0**	**0**	**20,390**	**0**	**0**	**0**	**0**	**0**	**974**
SPOTSYLVANIA	**RUFFIN CREEK PROPERTIES LLC**							**10229 TIDEWATER TRAIL**				**NAICS Code**	**321114**
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for RUFFIN CREEK PROPERTIES LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (4 reports)		**610**	**19,780**	**20,390**	**0**	**0**	**20,390**	**0**	**0**	**0**	**0**	**0**	**974**
STAFFORD	**COLONIAL CIRCUITS INC.**							**1026 WARRENTON RD**				**NAICS Code**	**334412**
COPPER	N	0	0	0	0	0	0	0	0	0	0	15	260
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	1	251
Total for COLONIAL CIRCUITS INC.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**16**	**511**
STAFFORD	**MAPEI CORP**							**300 NELMS CIR**				**NAICS Code**	**325520**
LITHIUM CARBONATE	Y	0	0	0	0	0	0	0	0	0	0	0	0

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Total for MAPEI CORP		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
STAFFORD	**U.S. DOJ FBI TRAINING ACADEMY**							**MCB-4 BUILDING 15-FMU**				**NAICS Code**	**921110**
COPPER COMPOUNDS	N	5	5	10	0	0	10	0	0	0	0	0	6,389
Total for U.S. DOJ FBI TRAINING ACADEMY		**5**	**5**	**10**	**0**	**0**	**10**	**0**	**0**	**0**	**0**	**0**	**6,389**
Total for Above County : (4 reports)		**5**	**5**	**10**	**0**	**0**	**10**	**0**	**0**	**0**	**0**	**16**	**6,900**
SUFFOLK (CITY)	**BASF CORP**							**2301 WILROY RD**				**NAICS Code**	**325199**
ACRYLAMIDE	N	35	68	103	0	0	103	0	0	38,240	38,240	23,242	22,522
ACRYLIC ACID	N	11	56	67	0	0	67	0	0	19,741	19,741	1,033	1,437
ACRYLONITRILE	N	64	408	472	0	0	472	0	0	8,640	8,640	1	1
AMMONIA	N	20	3,280	3,300	0	0	3,300	0	0	665	665	3,110	4,045
ETHYL ACRYLATE	N	27	69	96	0	0	96	0	0	138	138	60	203
METHANOL	N	283	3,825	4,108	0	0	4,108	0	3,713,780	30,610	3,744,390	5,930	8,757
Total for BASF CORP		**440**	**7,706**	**8,146**	**0**	**0**	**8,146**	**0**	**3,713,780**	**98,034**	**3,811,814**	**33,376**	**36,965**
SUFFOLK (CITY)	**CAMERON CHEMICAL INC.**							**830 OLD DILL RD.**				**NAICS Code**	**325314**
COPPER COMPOUNDS	N	250	250	500	0	5	505	0	0	0	0	0	0
MANGANESE COMPOUNDS	N	250	250	500	0	5	505	0	0	0	0	0	0
ZINC COMPOUNDS	N	250	250	500	0	5	505	0	0	0	0	0	0
Total for CAMERON CHEMICAL INC.		**750**	**750**	**1,500**	**0**	**15**	**1,515**	**0**	**0**	**0**	**0**	**0**	**0**
SUFFOLK (CITY)	**TITAN VIRGINIA READY-MIX LLC-SUFFOLK PLANT**							**1408 HOLLAND ROAD**				**NAICS Code**	**327320**
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-SUFFO		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (10 reports)		**1,190**	**8,456**	**9,646**	**0**	**15**	**9,661**	**0**	**3,713,780**	**98,034**	**3,811,814**	**33,376**	**36,965**

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SUSSEX	**MURPHY-BROWN LLC WAVERLY FEED MILL**							**27404 CABIN POINT RD -**				**NAICS Code**	**311119**
COPPER COMPOUNDS	N	0	3	3	0	0	3	0	0	0	0	0	4
ZINC (FUME OR DUST)	N	0	3	3	0	0	3	0	0	0	0	0	5
Total for MURPHY-BROWN LLC WAVERLY FEED		**0**	**6**	**6**	**0**	**0**	**6**	**0**	**0**	**0**	**0**	**0**	**9**
Total for Above County : (2 reports)		**0**	**6**	**6**	**0**	**0**	**6**	**0**	**0**	**0**	**0**	**0**	**9**
VIRGINIA BEACH (CITY)	**PAPCO INC**							**4920 SOUTHERN BLVD -**				**NAICS Code**	**424710**
1,2,4-TRIMETHYLBENZENE	N	69	0	69	0	0	69	0	0	0	0	0	0
BENZENE	N	60	0	60	0	0	60	0	0	0	0	0	0
NAPHTHALENE	N	233	0	233	0	0	233	0	0	0	0	0	0
TOLUENE	N	290	0	290	0	0	290	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	172	0	172	0	0	172	0	0	0	0	0	0
Total for PAPCO INC		**824**	**0**	**824**	**0**	**0**	**824**	**0**	**0**	**0**	**0**	**0**	**0**
VIRGINIA BEACH (CITY)	**STIHL INC**							**536 VIKING DR**				**NAICS Code**	**333112**
TOLUENE	N	88	9,339	9,427	0	0	9,427	0	0	0	0	0	0
Total for STIHL INC		**88**	**9,339**	**9,427**	**0**	**0**	**9,427**	**0**	**0**	**0**	**0**	**0**	**0**
VIRGINIA BEACH (CITY)	**U.S. NAVY NAVAL AIR STATION OCEANA RANGE**							**1750 TOMCAT BLVD**				**NAICS Code**	**928110**
NAPHTHALENE	N	117	486	603	0	19,788	20,391	0	0	5,638	5,638	0	113
Total for U.S. NAVY NAVAL AIR STATION OCEANA		**117**	**486**	**603**	**0**	**19,788**	**20,391**	**0**	**0**	**5,638**	**5,638**	**0**	**113**
Total for Above County : (7 reports)		**1,029**	**9,825**	**10,854**	**0**	**19,788**	**30,642**	**0**	**0**	**5,638**	**5,638**	**0**	**113**
WARREN	**AXALTA COATING SYSTEMS LLC-FRONT ROYAL PLANT**							**7961 WINCHESTER RD**				**NAICS Code**	**325510**
1,2,4-TRIMETHYLBENZENE	N	0	241	241	0	0	241	0	0	114	114	0	10,259

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1,2-BUTYLENE OXIDE	N	0	0	0	0	0	0	0	0	0	0	0	0
ACRYLIC ACID	N	0	199	199	0	0	199	0	0	0	0	0	0
BUTYL ACRYLATE	N	0	359	359	0	0	359	0	0	0	0	0	6
CERTAIN GLYCOL ETHERS	N	212	183	395	0	0	395	0	0	6	6	0	576
CHROMIUM COMPOUNDS(EXCEPT	N	0	2	2	0	0	2	0	0	0	0	0	0
CUMENE	N	0	13	13	0	0	13	0	0	6	6	0	35
CYCLOHEXANOL	N	0	18	18	0	0	18	0	0	0	0	0	0
DIISOCYANATES	N	0	679	679	0	0	679	0	0	0	0	0	214
ETHYL ACRYLATE	N	0	253	253	0	0	253	0	0	0	0	0	0
ETHYLBENZENE	N	3	3,237	3,240	0	0	3,240	0	0	1,326	1,326	0	32,838
METHANOL	N	62	281	343	0	0	343	0	0	0	0	0	0
METHYL ACRYLATE	N	0	209	209	0	0	209	0	0	0	0	0	1
METHYL ISOBUTYL KETONE	N	0	304	304	0	0	304	0	0	1,847	1,847	0	0
METHYL METHACRYLATE	N	0	4,504	4,504	0	0	4,504	0	0	0	0	0	1
NAPHTHALENE	N	2,438	60	2,498	0	0	2,498	0	0	0	0	0	0
N-BUTYL ALCOHOL	N	0	128	128	0	0	128	0	0	0	0	0	0
N-METHYL-2-PYRROLIDONE	N	0	0	0	0	0	0	0	0	0	0	0	0
PHTHALIC ANHYDRIDE	N	0	55	55	0	0	55	0	0	0	0	0	648
STYRENE	N	0	813	813	0	0	813	0	0	0	0	0	21
TOLUENE	N	84	8,990	9,074	0	0	9,074	0	6,290,444	14,013	6,304,457	0	185,494
VANADIUM COMPOUNDS	N	0	2	2	0	0	2	0	0	0	0	0	6,760
XYLENE (MIXED ISOMERS)	N	240	7,579	7,819	0	0	7,819	0	6,401,759	5,278	6,407,037	0	169,882
ZINC COMPOUNDS	N	0	18	18	0	0	18	0	0	0	0	0	2,153

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Total for AXALTA COATING SYSTEMS LLC-FRONT		**3,039**	**28,127**	**31,166**	**0**	**0**	**31,166**	**0**	**12,692,203**	**22,590**	**12,714,793**	**0**	**408,888**
WARREN	**QUARLES PETROLEUM INC. FRONT ROYAL BULK PLANT**							**195 COMMERCE AVE -**				**NAICS Code**	**424710**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUARLES PETROLEUM INC. FRONT RO		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
WARREN	**RPS COMPOSITES VIRGINIA, INC.**							**211 E 4TH ST**				**NAICS Code**	**326199**
STYRENE	N	7,442	230	7,672	0	0	7,672	0	0	0	0	0	0
Total for RPS COMPOSITES VIRGINIA, INC.		**7,442**	**230**	**7,672**	**0**	**0**	**7,672**	**0**	**0**	**0**	**0**	**0**	**0**
WARREN	**TORAY PLASTICS (AMERICA) INC**							**500 TORAY DR**				**NAICS Code**	**326150**
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	121,505	0	121,505	0	5,535
NITRIC ACID	N	0	0	0	0	0	0	0	0	0	0	0	0
SODIUM NITRITE	N	0	0	0	0	0	0	0	231,694	0	231,694	0	8,706
Total for TORAY PLASTICS (AMERICA) INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**353,199**	**0**	**353,199**	**0**	**14,241**
Total for Above County : (32 reports)		**10,481**	**28,357**	**38,838**	**0**	**0**	**38,838**	**0**	**13,045,402**	**22,590**	**13,067,992**	**0**	**423,129**
WASHINGTON	**AGC FLAT GLASS NA ABINGDON PLANT**							**18370 OAK PARK DR**				**NAICS Code**	**327215**
SILVER	N	5	5	10	0	0	10	0	0	0	0	0	21,132
ZINC COMPOUNDS	N	5	5	10	0	0	10	0	0	0	0	0	9,817
Total for AGC FLAT GLASS NA ABINGDON PLANT		**10**	**10**	**20**	**0**	**0**	**20**	**0**	**0**	**0**	**0**	**0**	**30,949**
WASHINGTON	**APPALACHIAN PLASTICS INC.**							**34001 GLOVE DR**				**NAICS Code**	**326199**
METHYL METHACRYLATE	N	1,566	4,699	6,265	0	0	6,265	0	0	0	0	0	0

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STYRENE	N	12,490	37,470	49,960	0	0	49,960	0	0	0	0	0	0
Total for APPALACHIAN PLASTICS INC.		**14,056**	**42,169**	**56,225**	**0**	**0**	**56,225**	**0**	**0**	**0**	**0**	**0**	**0**
WASHINGTON	**AZZ GALVANIZING-BRISTOL**							**14781 INDUSTRIAL PARK RD**				**NAICS Code**	**332812**
ZINC COMPOUNDS	N	1,496	0	1,496	0	86	1,582	0	111,326	0	111,326	0	335,149
Total for AZZ GALVANIZING-BRISTOL		**1,496**	**0**	**1,496**	**0**	**86**	**1,582**	**0**	**111,326**	**0**	**111,326**	**0**	**335,149**
WASHINGTON	**HAPCO**							**26252 HILLMAN HIGHWAY**				**NAICS Code**	**332312**
ALUMINUM (FUME OR DUST)	N	5,211	10,422	15,633	0	0	15,633	0	0	0	0	0	653,094
ZINC (FUME OR DUST)	N	1,307	2,615	3,922	0	0	3,922	0	0	0	0	0	56,223
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for HAPCO		**6,518**	**13,037**	**19,555**	**0**	**0**	**19,555**	**0**	**0**	**0**	**0**	**0**	**709,317**
WASHINGTON	**HIRSCHFELD INDUSTRIES BRIDGE, LLC**							**15083 INDUSTRIAL PARK RD**				**NAICS Code**	**332312**
MANGANESE	N	0	3	3	0	0	3	0	0	0	0	0	32,878
Total for HIRSCHFELD INDUSTRIES BRIDGE, LLC		**0**	**3**	**3**	**0**	**0**	**3**	**0**	**0**	**0**	**0**	**0**	**32,878**
WASHINGTON	**MXI ENVIRONMENTAL SERVICES, LLC**							**26319 OLD TRAIL RD (ST RTE 679)**				**NAICS Code**	**562111**
METHANOL	N	250	0	250	0	0	250	0	0	0	0	0	0
Total for MXI ENVIRONMENTAL SERVICES, LLC		**250**	**0**	**250**	**0**	**0**	**250**	**0**	**0**	**0**	**0**	**0**	**0**
WASHINGTON	**STRONGWELL CORP HIGHLANDS DIV**							**26770 NEWBANKS RD**				**NAICS Code**	**326199**
ANTIMONY COMPOUNDS	N	0	29	29	0	0	29	0	0	0	0	0	0
STYRENE	N	3,400	0	3,400	0	0	3,400	0	0	0	0	0	240
Total for STRONGWELL CORP HIGHLANDS DIV		**3,400**	**29**	**3,429**	**0**	**0**	**3,429**	**0**	**0**	**0**	**0**	**0**	**240**
WASHINGTON	**UTILITY TRAILER MANUFACTURING CO**							**13160 MONROE RD**				**NAICS Code**	**336212**
CHROMIUM	N	0	3	3	0	0	3	0	0	0	0	0	33,316

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DIISOCYANATES	Y	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE	N	0	13	13	0	0	13	0	0	0	0	0	23,158
NICKEL	N	0	1	1	0	0	1	0	0	0	0	0	9,457
Total for UTILITY TRAILER MANUFACTURING CO		**0**	**17**	**17**	**0**	**0**	**17**	**0**	**0**	**0**	**0**	**0**	**65,931**
WASHINGTON	**ZENITH FUEL SYSTEMS LLC**							**14570 INDUSTRIAL PARK RD**				**NAICS Code**	**336310**
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	89
Total for ZENITH FUEL SYSTEMS LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**89**
Total for Above County : (17 reports)		**25,730**	**55,265**	**80,995**	**0**	**86**	**81,081**	**0**	**111,326**	**0**	**111,326**	**0**	**1,174,553**
WESTMORELAND	**CARRY-ON TRAILER CORP**							**159 INDUSTRIAL PARK RD -**				**NAICS Code**	**336212**
1,2,4-TRIMETHYLBENZENE	N	0	9,076	9,076	0	0	9,076	0	0	9,888	9,888	0	306
CERTAIN GLYCOL ETHERS	N	0	5,887	5,887	0	0	5,887	0	0	13,171	13,171	0	308
CHROMIUM	N	8	0	8	0	0	8	0	0	0	0	0	603
MANGANESE	N	88	0	88	0	0	88	0	0	0	0	0	1,699
NICKEL	N	6	0	6	0	0	6	0	0	0	0	0	471
Total for CARRY-ON TRAILER CORP		**102**	**14,963**	**15,065**	**0**	**0**	**15,065**	**0**	**0**	**23,059**	**23,059**	**0**	**3,387**
WESTMORELAND	**POTOMAC SUPPLY LLC**							**1398 KINSALE RD**				**NAICS Code**	**321114**
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
METHANOL	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for POTOMAC SUPPLY LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (7 reports)		**102**	**14,963**	**15,065**	**0**	**0**	**15,065**	**0**	**0**	**23,059**	**23,059**	**0**	**3,387**
WINCHESTER (CITY)	**O'SULLIVAN FILMS INC**							**1944 VALLEY AVE -**				**NAICS Code**	**326113**
ANTIMONY COMPOUNDS	N	14	82	96	0	0	96	0	0	0	0	1	76

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BARIUM COMPOUNDS	N	5	30	35	0	0	35	0	0	0	0	4	7
DI(2-ETHYLHEXYL) PHTHALATE	N	29	165	194	0	0	194	0	0	0	0	0	0
ETHYLBENZENE	N	0	117	117	0	0	117	0	0	13,802	13,802	0	2,459
METHYL ISOBUTYL KETONE	N	0	2,433	2,433	0	0	2,433	0	0	360,213	360,213	0	64,073
N,N-DIMETHYLFORMAMIDE	N	0	1,529	1,529	0	0	1,529	0	0	170,202	170,202	0	30,342
TOLUENE	N	0	4,204	4,204	0	0	4,204	0	0	509,261	509,261	0	90,721
XYLENE (MIXED ISOMERS)	N	0	578	578	0	0	578	0	0	67,831	67,831	0	12,087
ZINC COMPOUNDS	N	10	58	68	0	0	68	0	0	0	0	18	55
Total for O'SULLIVAN FILMS INC		**59**	**9,195**	**9,254**	**0**	**0**	**9,254**	**0**	**0**	**1,121,308**	**1,121,308**	**23**	**199,819**
Total for Above County : (9 reports)		**59**	**9,195**	**9,254**	**0**	**0**	**9,254**	**0**	**0**	**1,121,308**	**1,121,308**	**23**	**199,819**
WISE	**VIRGINIA CITY HYBRID ENERGY CENTER**							**3425 RUSSELL CREEK RD**				**NAICS Code**	**221112**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	N	0	141,000	141,000	0	0	141,000	0	0	0	0	0	0
ARSENIC COMPOUNDS	N	0	50	50	31,000	0	31,050	0	0	0	0	0	0
BARIUM COMPOUNDS	N	0	369	369	292,000	0	292,369	0	0	0	0	0	0
CHROMIUM COMPOUNDS(EXCEPT	N	0	70	70	53,600	0	53,670	0	0	0	0	0	0
COPPER COMPOUNDS	N	0	107	107	59,700	0	59,807	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	43,300	43,300	0	0	43,300	0	0	2,260,000	2,260,000	0	0
HYDROGEN FLUORIDE	N	0	760	760	0	0	760	0	0	282,000	282,000	0	0
MANGANESE COMPOUNDS	N	0	3,540	3,540	95,200	0	98,740	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL COMPOUNDS	N	0	104	104	53,000	0	53,104	0	0	0	0	0	0

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SULFURIC ACID (1994 AND AFTER	N	0	3,100	3,100	0	0	3,100	0	0	761,000	761,000	0	0
VANADIUM COMPOUNDS	N	0	2	2	113,000	0	113,002	0	0	0	0	0	0
ZINC COMPOUNDS	N	0	912	912	70,700	0	71,612	0	0	0	0	0	0
Total for VIRGINIA CITY HYBRID ENERGY CENTE		**0**	**193,314**	**193,314**	**768,200**	**0**	**961,514**	**0**	**0**	**3,303,000**	**3,303,000**	**0**	**0**
Total for Above County : (15 reports)		**0**	**193,314**	**193,314**	**768,200**	**0**	**961,514**	**0**	**0**	**3,303,000**	**3,303,000**	**0**	**0**
WYTHE	**HUTCHINSON SEALING SYSTEMS INC**							**1150 S THIRD ST**				**NAICS Code**	**326291**
ZINC COMPOUNDS	N	29	799	828	0	0	828	0	0	0	0	1	13,144
Total for HUTCHINSON SEALING SYSTEMS INC		**29**	**799**	**828**	**0**	**0**	**828**	**0**	**0**	**0**	**0**	**1**	**13,144**
Total for Above County : (1 record)		**29**	**799**	**828**	**0**	**0**	**828**	**0**	**0**	**0**	**0**	**1**	**13,144**
YORK	**AFETA CAMP PEARY**							**1100 EXECUTIVE DRIVE**				**NAICS Code**	**928110**
COPPER	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for AFETA CAMP PEARY		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
YORK	**EATON CORPORATION - WILLIAMSBURG MANUFACTURING**							**149 WARWICK COURT -**				**NAICS Code**	**335999**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	27,336
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	16,884
Total for EATON CORPORATION - WILLIAMSBUR		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**44,220**
YORK	**PLAINS MARKETING LP YORKTOWN**							**2201 GOODWIN NECK RD**				**NAICS Code**	**424710**
1,2,4-TRIMETHYLBENZENE	N	970	260	1,230	0	0	1,230	0	0	0	0	0	0
BENZENE	N	2,700	4,800	7,500	0	0	7,500	0	0	0	0	0	0
ETHYLBENZENE	N	3,500	410	3,910	0	0	3,910	0	0	0	0	0	2
NAPHTHALENE	N	160	4	164	0	0	164	0	0	0	0	0	18
N-HEXANE	N	2,500	5,300	7,800	0	0	7,800	0	0	0	0	0	1

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TOLUENE	N	3,100	4,900	8,000	0	0	8,000	0	0	0	0	0	2
XYLENE (MIXED ISOMERS)	N	7,800	1,900	9,700	0	0	9,700	0	0	0	0	0	13
Total for PLAINS MARKETING LP YORKTOWN		**20,730**	**17,574**	**38,304**	**0**	**0**	**38,304**	**0**	**0**	**0**	**0**	**0**	**36**
YORK	**US NAVY NWSY DEFENSE FUEL SUPPLY POINT YORKTOWN**							**NWSY DEFENSE FUEL SUPPLY POINT - ROUNTA**				**NAICS Code**	**928110**
NAPHTHALENE	N	6	125	131	0	0	131	0	0	11,621	11,621	0	0
Total for US NAVY NWSY DEFENSE FUEL SUPPL		**6**	**125**	**131**	**0**	**0**	**131**	**0**	**0**	**11,621**	**11,621**	**0**	**0**
YORK	**YORKTOWN POWER STATION**							**1600 WATERVIEW RD -**				**NAICS Code**	**221112**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	43,800	43,800	0	0	43,800	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
SULFURIC ACID (1994 AND AFTER	N	0	10,300	10,300	0	0	10,300	0	0	31,600	31,600	0	0
Total for YORKTOWN POWER STATION		**0**	**54,100**	**54,100**	**0**	**0**	**54,100**	**0**	**0**	**31,600**	**31,600**	**0**	**0**
Total for Above County : (16 reports)		**20,736**	**71,799**	**92,535**	**0**	**0**	**92,535**	**0**	**0**	**43,221**	**43,221**	**0**	**44,256**

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** TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

*** BAE SYSTEMS, ORDINANCE SYSTEMS INC. AND RADFORD ARMY AMMUNITION ARE THE SAME FACILITY, REPORTING UNDER TWO SEPERATE IDsTHE SUMMARY REPORT REFLECTS ONLY ONE SET OF DATA VALUES FOR TOTALS.

Appendix G - 2017 Summary of Facilities, Chemical Releases, Transfers, and Management (PBT)

Alphabetical Listing by Facility Within Each County/Independent City

2017 Toxics Release Inventory

Appendix G

Facility County/Independent City / Facility Name/Address		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
ACCOMACK	**PERDUE FARMS ACCOMAC PROCESSING PLANT**							**22520 LANKFORD HWY**				**NAICS Code**	**311615**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for PERDUE FARMS ACCOMAC PROCESS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
ACCOMACK	**U.S. NASA GSFC WALLOPS FLIGHT FACILITY**							**34200 FULTON STREET**				**NAICS Code**	**927110**
LEAD	N	0	88	88	0	0	88	0	0	0	0	0	16
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	526	0	526	0	252
Total for U.S. NASA GSFC WALLOPS FLIGHT FA		**0**	**88**	**88**	**0**	**0**	**88**	**0**	**526**	**0**	**526**	**0**	**268**
Total for Above County : (4 records)		**0**	**88**	**88**	**0**	**0**	**88**	**0**	**526**	**0**	**526**	**0**	**268**
ALBEMARLE	**GENERAL ELECTRIC**							**2500 AUSTIN DRIVE**				**NAICS Code**	**334513**
LEAD	N	0	1	1	0	0	1	0	0	0	0	0	0
Total for GENERAL ELECTRIC		**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
ALBEMARLE	**NORTHROP GRUMMAN SYSTEMS CORPO RATION**							**1070 SEMINOLE TRAIL**				**NAICS Code**	**334511**
LEAD	N	0	0	0	0	0	0	0	0	0	0	1	36
Total for Northrop Grumman Systems Corpo ration		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**36**
ALBEMARLE	**S.L. WILLIAMSON CO. INC. SHOP**							**1230 RIVER ROAD**				**NAICS Code**	**324121**
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for S.L. WILLIAMSON CO. INC. SHOP		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (3 records)		**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**1**	**36**
ALEXANDRIA (CITY)	**THE LANE CONSTRUCTION CORPORATION**							**5601 COURTNEY AVENUE**				**NAICS Code**	**324121**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0

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Facility County/Independent City / Facility Name/Address		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
POLYCYCLIC AROMATIC COMPOU	N	0	0	1	0	0	1	0	0	0	0	0	0
Total for THE LANE CONSTRUCTION CORPORA		**0**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 records)		**0**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
AMHERST	**COOPER STEEL**							**275 FRANCIS AVE**				**NAICS Code**	**332312**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for COOPER STEEL		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
AMHERST	**GREIF PACKAGING LLC**							**861 FIBRE PLANT RD**				**NAICS Code**	**322110**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	N	0	5	5	0	0	5	0	0	0	0	0	0
Total for GREIF PACKAGING LLC		**0**	**6**	**6**	**0**	**0**	**6**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (3 records)		**0**	**6**	**6**	**0**	**0**	**6**	**0**	**0**	**0**	**0**	**0**	**0**
ARLINGTON	**PENTAGON RESERVATION**							**2 N ROTARY RD -**				**NAICS Code**	**928110**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	315	315	0	0	315	0	0	0	0	0	0
Total for PENTAGON RESERVATION		**0**	**315**	**315**	**0**	**0**	**315**	**0**	**0**	**0**	**0**	**0**	**0**
ARLINGTON	**US ARMY JOINT BASE MYER-HENDERSON HALL GARRISON OPS (PA**							**204 LEE AVE**				**NAICS Code**	**928110**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for US ARMY JOINT BASE MYER-HENDER		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
ARLINGTON	**VIRGINIA CONCRETE SHIRLINGTON PLANT**							**2651 SHIRLINGTON RD**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VIRGINIA CONCRETE SHIRLINGTON P		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (4 records)		**0**	**315**	**315**	**0**	**0**	**315**	**0**	**0**	**0**	**0**	**0**	**0**
AUGUSTA	**BALL ADVANCED ALUMINUM TECHNOLOGIES CORP**							**56 DUNSMORE RD**				**NAICS Code**	**331524**
LEAD	N	0	3	3	0	0	3	0	0	0	0	0	65
Total for BALL ADVANCED ALUMINUM TECHNO		**0**	**3**	**3**	**0**	**0**	**3**	**0**	**0**	**0**	**0**	**0**	**65**

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Facility County/Independent City / Facility Name/Address		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
AUGUSTA	**CERRO FABRICATED PRODUCTS LLC**							**300 TRIANGLE DR**				**NAICS Code**	**332112**
LEAD	N	0	0	0	0	0	0	0	0	0	0	1	0
Total for CERRO FABRICATED PRODUCTS LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**
AUGUSTA	**FLINT GROUP NA CORP**							**106 TRIANGLE DR**				**NAICS Code**	**325910**
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for FLINT GROUP NA CORP		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
AUGUSTA	**NIBCO OF VIRGINIA INC.**							**131 JOHNSON DRIVE**				**NAICS Code**	**332112**
LEAD	N	0	0	0	0	1	1	0	0	0	0	2	115
Total for NIBCO OF VIRGINIA INC.		**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**2**	**115**
AUGUSTA	**TAYLOR & BOODY INC.**							**8 HEWITT RD**				**NAICS Code**	**339992**
LEAD	N	0	1	1	0	0	1	0	0	0	0	0	2,558
Total for TAYLOR & BOODY INC.		**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**2,558**
Total for Above County : (5 records)		**0**	**4**	**4**	**0**	**1**	**5**	**0**	**0**	**0**	**0**	**3**	**2,738**
BEDFORD	**GEORGIA-PACIFIC BIG ISLAND MILL**							**9363 LEE-JACKSON HWY -**				**NAICS Code**	**322121**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	70	70	0	128	1,008	0	0	0	0	0	0
Total for GEORGIA-PACIFIC BIG ISLAND MILL		**0**	**70**	**70**	**0**	**128**	**1,008**	**0**	**0**	**0**	**0**	**0**	**0**
BEDFORD	**WHEELABRATOR ABRASIVES INC**							**1 ABRASIVE AVE**				**NAICS Code**	**327910**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	46,282
Total for WHEELABRATOR ABRASIVES INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**46,282**
Total for Above County : (3 records)		**0**	**70**	**70**	**0**	**128**	**1,008**	**0**	**0**	**0**	**0**	**0**	**46,282**
BOTETOURT	**METALSA ROANOKE INC.**							**184 VISTA DR**				**NAICS Code**	**336390**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	726
Total for METALSA ROANOKE INC.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**726**

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Facility County/Independent City / Facility Name/Address / Chemical Name	form A*	On-Site Releases from Section 5 of Form R: Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	On-Site Management from Section 8 of Form R: Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	Off-Site Transfers from Section 6 of Form R: POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
BOTETOURT	**ROANOKE CEMENT CO LLC**							**6071 CATAWBA RD**				**NAICS Code**	**327310**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	4	42	46	0	0	491	0	0	0	0	0	0
MERCURY COMPOUNDS	N	0	43	43	0	0	43	0	0	0	0	0	0
Total for ROANOKE CEMENT CO LLC		**4**	**85**	**88**	**0**	**0**	**534**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (4 records)		**4**	**85**	**89**	**0**	**0**	**534**	**0**	**0**	**0**	**0**	**0**	**726**
BRISTOL (CITY)	**ASSOCIATED ASPHALT BRISTOL, LLC**							**10 SPURGEON LANE**				**NAICS Code**	**424710**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	0	14	14	0	0	14	0	0	0	0	0	0
Total for ASSOCIATED ASPHALT BRISTOL, LLC		**0**	**14**	**14**	**0**	**0**	**14**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 records)		**0**	**14**	**14**	**0**	**0**	**14**	**0**	**0**	**0**	**0**	**0**	**0**
BUCHANAN	**JEWELL COKE CO LP**							**1034 DISMAL RIVER RD**				**NAICS Code**	**331110**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	4,282	4,282	0	0	4,282	0	0	0	0	0	0
MERCURY COMPOUNDS	N	0	67	67	0	0	67	0	0	0	0	0	0
Total for JEWELL COKE CO LP		**0**	**4,349**	**4,349**	**0**	**0**	**4,349**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (3 records)		**0**	**4,349**	**4,349**	**0**	**0**	**4,349**	**0**	**0**	**0**	**0**	**0**	**0**
BUCKINGHAM	**KYANITE MINING CORP MULLITE PLANT**							**5836 BUFFALO ROAD -**				**NAICS Code**	**212325**
POLYCYCLIC AROMATIC COMPOU	N	23	0	23	0	0	23	0	0	0	0	0	0
Total for KYANITE MINING CORP MULLITE PLA		**23**	**0**	**23**	**0**	**0**	**23**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (1 record)		**23**	**0**	**23**	**0**	**0**	**23**	**0**	**0**	**0**	**0**	**0**	**0**
BUENA VISTA (CITY)	**EVERBRITE LLC**							**627 E 30TH ST -**				**NAICS Code**	**339950**
LEAD COMPOUNDS	N	0	1	1	0	0	1	0	0	0	0	0	181
Total for EVERBRITE LLC		**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**181**
Total for Above County : (1 record)		**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**181**

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Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
CAMPBELL	**BANKER STEEL COMPANY, LLC**							**351 RANGOON ROAD**				**NAICS Code**	**332312**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	2,663
Total for BANKER STEEL COMPANY, LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2,663**
CAMPBELL	**BWXT NUCLEAR OPERATIONS GROUP, INC.**							**1570 MOUNT ATHOS RD**				**NAICS Code**	**332410**
LEAD COMPOUNDS	N	0	0	0	4,462	3	4,466	0	0	0	0	0	4
Total for BWXT NUCLEAR OPERATIONS GROU		**0**	**0**	**0**	**4,462**	**3**	**4,466**	**0**	**0**	**0**	**0**	**0**	**4**
CAMPBELL	**GEORGIA-PACIFIC WOOD PRODUCTS LLC - BROOKNEAL OSB**							**11795 BROOKNEAL HIGHWAY**				**NAICS Code**	**321219**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	5	5	0	0	5	0	0	0	0	0	44
Total for GEORGIA-PACIFIC WOOD PRODUCTS		**0**	**5**	**5**	**0**	**0**	**5**	**0**	**0**	**0**	**0**	**0**	**44**
CAMPBELL	**PARKER HANNIFIN INTEGRATED SEA LS DIVISION**							**3700 MAYFLOWER DR**				**NAICS Code**	**326291**
LEAD COMPOUNDS	N	0	509	509	0	0	509	0	0	0	0	0	0
Total for Parker Hannifin Integrated Sea Is Division		**0**	**509**	**509**	**0**	**0**	**509**	**0**	**0**	**0**	**0**	**0**	**0**
CAMPBELL	**SCHRADER-BRIDGEPORT INTERNATIONAL**							**205 FRAZIER RD**				**NAICS Code**	**336390**
LEAD	N	0	0	0	0	0	0	0	0	0	0	2	69,801
Total for SCHRADER-BRIDGEPORT INTERNATI		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**69,801**
Total for Above County : (6 records)		**0**	**514**	**514**	**4,462**	**3**	**4,980**	**0**	**0**	**0**	**0**	**2**	**72,512**
CAROLINE	**ANCHOR AN OLDCASTLE CO**							**16326 IND US TRIAL DR -**				**NAICS Code**	**327999**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for ANCHOR AN OLDCASTLE CO		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CAROLINE	**LADYSMITH COMBUSTION TURBINE STATION**							**8063 CEDON RD -**				**NAICS Code**	**221112**
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for LADYSMITH COMBUSTION TURBINE S		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CAROLINE	**US ARMY FORT AP HILL GARRISON (PART)**							**19952 N RANGE RD**				**NAICS Code**	**928110**

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LEAD COMPOUNDS	N	1,715	0	1,715	0	2,230	48,460	0	0	0	0	0	4,673
Total for US ARMY FORT AP HILL GARRISON (P		**1,715**	**0**	**1,715**	**0**	**2,230**	**48,460**	**0**	**0**	**0**	**0**	**0**	**4,673**
Total for Above County : (3 records)		**1,715**	**0**	**1,716**	**0**	**2,230**	**48,461**	**0**	**0**	**0**	**0**	**0**	**4,673**
CARROLL	**VAUGHAN-BASSETT FURNITURE CO. GALAX**							**300 E GRAYSON ST**				**NAICS Code**	**337122**
LEAD	N	0	2	2	0	0	2	0	0	0	0	0	0
Total for VAUGHAN-BASSETT FURNITURE CO.		**0**	**2**	**2**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (1 record)		**0**	**2**	**2**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**
CHARLOTTE	**MORGAN LUMBER COMPANY, INC.**							**628 JEB STUART HIGHWAY -**				**NAICS Code**	**321113**
LEAD COMPOUNDS	N	0	16	16	415	0	431	0	0	0	0	0	0
Total for MORGAN LUMBER COMPANY, INC.		**0**	**16**	**16**	**415**	**0**	**431**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (1 record)		**0**	**16**	**16**	**415**	**0**	**431**	**0**	**0**	**0**	**0**	**0**	**0**
CHESAPEAKE (CITY)	**CONCRETE PIPE & PRECAST LLC CHESAPEAKE PLANT**							**3801 COOK BLVD**				**NAICS Code**	**327332**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for CONCRETE PIPE & PRECAST LLC CHE		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CHESAPEAKE (CITY)	**ELIZABETH RIVER COMBUSTION TURBINE STATION**							**2837 S MILITARY HWY -**				**NAICS Code**	**221112**
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for ELIZABETH RIVER COMBUSTION TUR		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CHESAPEAKE (CITY)	**US/NAVY NAVAL SUPPORT ACTIVITY NORTHWEST ANNEX RANGE**							**1320 NW BLVD SUITE 100**				**NAICS Code**	**928110**
LEAD	N	0	0	0	0	0	20,146	0	0	0	0	0	0
Total for US/NAVY NAVAL SUPPORT ACTIVITY		**0**	**0**	**0**	**0**	**0**	**20,146**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (3 records)		**0**	**0**	**0**	**0**	**0**	**20,146**	**0**	**0**	**0**	**0**	**0**	**0**
CHESTERFIELD	**ALERIS ROLLED PRODUCTS INC**							**1701 REYMET RD**				**NAICS Code**	**331315**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	7
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	24
Total for ALERIS ROLLED PRODUCTS INC		**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**31**

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Facility County/Independent City / Facility Name/Address		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
CHESTERFIELD	**ARGOS CONCRETE PLANT- OLD STAGE ROAD**							**11400 OLD STAGE RD**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for ARGOS CONCRETE PLANT- OLD STAG		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CHESTERFIELD	**CHESTERFIELD POWER STATION**							**500 COXENDALE RD -**				**NAICS Code**	**221112**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	129	129	0	36	20,755	0	0	0	0	0	0
MERCURY COMPOUNDS	N	0	22	22	0	0	274	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	0	2	2	0	0	2	0	0	0	0	0	0
Total for CHESTERFIELD POWER STATION		**0**	**154**	**154**	**0**	**36**	**21,032**	**0**	**0**	**0**	**0**	**0**	**0**
CHESTERFIELD	**DUPONT SPRUANCE PLANT**							**U.S. HWY 1 AT COGBILL RD**				**NAICS Code**	**325220**
POLYCYCLIC AROMATIC COMPOU	N	22	0	22	0	0	222	0	0	0	0	0	387
Total for DUPONT SPRUANCE PLANT		**22**	**0**	**22**	**0**	**0**	**222**	**0**	**0**	**0**	**0**	**0**	**387**
CHESTERFIELD	**DUPONT TEIJIN FILMS**							**3600 DISCOVERY DR**				**NAICS Code**	**325211**
POLYCYCLIC AROMATIC COMPOU	N	1	1	2	0	0	20	0	0	0	0	0	0
Total for DUPONT TEIJIN FILMS		**1**	**1**	**2**	**0**	**0**	**20**	**0**	**0**	**0**	**0**	**0**	**0**
CHESTERFIELD	**KAISER ALUMINUM FABRICATED PRODUCTS LLC**							**1901 REYMET RD**				**NAICS Code**	**331318**
LEAD	N	0	0	0	0	0	0	0	0	0	0	1	1,178
Total for KAISER ALUMINUM FABRICATED PRO		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1,178**
CHESTERFIELD	**MECHANICSVILLE CONCRETE LLC-CHESTERFIELD PLANT**							**3501 WARBRO RD**				**NAICS Code**	**327320**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for MECHANICSVILLE CONCRETE LLC-CH		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CHESTERFIELD	**SAFETY-KLEEN SYSTEMS CHESTER (CVA)**							**1200 W 100 RD**				**NAICS Code**	**562112**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	203
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	1,474

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Facility County/Independent City / Facility Name/Address / Chemical Name	form A*	On-Site Releases from Section 5 of Form R: Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	On-Site Management from Section 8 of Form R: Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	Off-Site Transfers from Section 6 of Form R: POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for SAFETY-KLEEN SYSTEMS CHESTER (		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,677**
CHESTERFIELD	**TCS MATERIALS CHESTER PLANT**							**12020 OLD STAGE ROAD**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TCS MATERIALS CHESTER PLANT		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (14 records)		**23**	**155**	**178**	**0**	**36**	**21,275**	**0**	**0**	**0**	**0**	**1**	**3,272**
COVINGTON (CITY)	**INGEVITY VIRGINIA CORPORATION**							**958 E RIVERSIDE ST**				**NAICS Code**	**325998**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for INGEVITY VIRGINIA CORPORATION		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
COVINGTON (CITY)	**WESTROCK VIRGINIA CORPORATION (ENTIRE)**							**104 E. RIVERSIDE STREET**				**NAICS Code**	**322130**
BENZO(G,H,I)PERYLENE	N	0	4	4	0	0	5	0	0	0	0	0	0
DIOXIN AND DIOXIN-LIKE COMPO	N	0	2	2	0	0	3	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	150	150	0	410	7,760	0	0	0	0	0	0
MERCURY COMPOUNDS	N	0	22	22	0	0	86	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	0	400	400	0	0	419	0	0	0	0	0	0
Total for WESTROCK VIRGINIA CORPORATION		**0**	**578**	**578**	**0**	**410**	**8,273**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (6 records)		**0**	**578**	**578**	**0**	**410**	**8,273**	**0**	**0**	**0**	**0**	**0**	**0**
CULPEPER	**BINGHAM & TAYLOR**							**601 NALLE PL**				**NAICS Code**	**331511**
LEAD	N	0	7	7	0	0	7	0	0	0	0	0	562
Total for BINGHAM & TAYLOR		**0**	**7**	**7**	**0**	**0**	**7**	**0**	**0**	**0**	**0**	**0**	**562**
CULPEPER	**TE CONNECTIVITY**							**751 OLD BRANDY RD**				**NAICS Code**	**331491**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	527
Total for TE CONNECTIVITY		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**527**
Total for Above County : (2 records)		**0**	**7**	**7**	**0**	**0**	**7**	**0**	**0**	**0**	**0**	**0**	**1,089**
DANVILLE (CITY)	**EIT SOUTH**							**350 SLAYTON AVENUE**				**NAICS Code**	**334111**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	3

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Facility County/Independent City / Facility Name/Address / Chemical Name	form A*	On-Site Releases from Section 5 of Form R: Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	On-Site Management from Section 8 of Form R: Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	Off-Site Transfers from Section 6 of Form R: POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for EIT SOUTH		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**
DANVILLE (CITY)	**THE GOODYEAR TIRE & RUBBER CO.**							**1901 GOODYEAR BLVD**				**NAICS Code**	**326211**
LEAD COMPOUNDS	N	0	2	2	0	0	2	0	0	0	0	14	345
POLYCYCLIC AROMATIC COMPOU	N	0	4	4	0	0	4	0	0	0	0	0	513
Total for THE GOODYEAR TIRE & RUBBER CO.		**0**	**7**	**7**	**0**	**0**	**7**	**0**	**0**	**0**	**0**	**14**	**857**
Total for Above County : (3 records)		**0**	**7**	**7**	**0**	**0**	**7**	**0**	**0**	**0**	**0**	**14**	**860**
DINWIDDIE	**CHAPARRAL (VA) INC**							**25801 HOFHEIMER WAY -**				**NAICS Code**	**331110**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	1	1	0	0	1	0	0	0	0	0	0
LEAD COMPOUNDS	N	80	11	91	0	0	91	0	0	0	0	0	229,880
MERCURY COMPOUNDS	N	0	171	171	0	0	171	0	0	0	0	0	87
Total for CHAPARRAL (VA) INC		**80**	**183**	**263**	**0**	**0**	**263**	**0**	**0**	**0**	**0**	**0**	**229,967**
DINWIDDIE	**MECHANICSVILLE CONCRETE LLC-PETERSBURG PLANT**							**26317 SIMPSON RD**				**NAICS Code**	**327320**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for MECHANICSVILLE CONCRETE LLC-PE		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
DINWIDDIE	**TMS INTERNATIONAL, LLC**							**25805 HOFHEIMER WAY**				**NAICS Code**	**562920**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TMS INTERNATIONAL, LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (5 records)		**80**	**183**	**263**	**0**	**0**	**263**	**0**	**0**	**0**	**0**	**0**	**229,967**
FAIRFAX	**BREN MAR**							**6315 BREN MAR DR**				**NAICS Code**	**922120**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	225
Total for BREN MAR		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**225**
FAIRFAX	**NEWINGTON CONCRETE PLANT**							**8413 TERMINAL RD**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for NEWINGTON CONCRETE PLANT		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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Facility County/Independent City / Facility Name/Address		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
FAIRFAX	**SUPERIOR CONCRETE MATERIALS INC. - LORTON**							**8420 TERMINAL RD**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for SUPERIOR CONCRETE MATERIALS IN		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FAIRFAX	**TITAN VIRGINIA READY-MIX LLC-CENTREVILLE PLANT**							**15718 LEE HWY**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-CENT		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FAIRFAX	**TITAN VIRGINIA READY-MIX LLC-SPRINGFIELD PLANT**							**6600 ELECTRONIC DR**				**NAICS Code**	**327320**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-SPRI		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FAIRFAX	**VIRGINIA CONCRETE EDSALL ROAD PLANT**							**5412 INDUSTRIAL DR**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VIRGINIA CONCRETE EDSALL ROAD P		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (6 records)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**225**
FAIRFAX (CITY)	**MOTIVA FAIRFAX TERMINAL**							**3800 PICKETT RD**				**NAICS Code**	**424710**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for MOTIVA FAIRFAX TERMINAL		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (3 records)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FALLS CHURCH (CITY)	**VIRGINIA CONCRETE FALLS CHURCH PLANT**							**7103 GORDON RD**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VIRGINIA CONCRETE FALLS CHURCH		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (1 record)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FAUQUIER	**CHEMETRICS INC**							**4295 CATLETT RD**				**NAICS Code**	**325998**

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MERCURY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	15
Total for CHEMETRICS INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**15**
FAUQUIER	**US DOD, WARRENTON TRAINING CENTER STATION B RANGE**							**7471 BEAR WALLOW ROAD**				**NAICS Code**	**928110**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	4,721
Total for US DOD, WARRENTON TRAINING CEN		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4,721**
FAUQUIER	**US DOD, WARRENTON TRAINING CENTER STATION C RANGE**							**7248 SUMERDUCK RD**				**NAICS Code**	**928110**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	833
Total for US DOD, WARRENTON TRAINING CEN		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**833**
Total for Above County : (3 records)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5,570**
FREDERICK	**O-N MINERALS (CHEMSTONE) WINCHESTER LIME PLANT**							**508 QUARRY LN**				**NAICS Code**	**327410**
LEAD COMPOUNDS	N	0	0	0	0	0	175	0	0	0	0	0	0
Total for O-N MINERALS (CHEMSTONE) WINCH		**0**	**0**	**0**	**0**	**0**	**175**	**0**	**0**	**0**	**0**	**0**	**0**
FREDERICK	**TITAN VIRGINIA READY-MIX LLC-CLEAR BROOK PLANT**							**1383 BRUCETOWN RD**				**NAICS Code**	**327320**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-CLEA		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FREDERICK	**VIRGINIA CONCRETE - STEPHENS CITY**							**339 ESTEP ROAD**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VIRGINIA CONCRETE - STEPHENS CIT		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (3 records)		**0**	**0**	**0**	**0**	**0**	**175**	**0**	**0**	**0**	**0**	**0**	**0**
GALAX (CITY)	**CONSOLIDATED GLASS & MIRROR, LLC - PLANT 2**							**110 JACK GUYNN DR**				**NAICS Code**	**327215**
LEAD	N	0	0	0	0	0	0	0	0	0	0	2	145
Total for CONSOLIDATED GLASS & MIRROR, LL		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**145**
GALAX (CITY)	**WEBB ENTERPRISES LLC AMERICAN MIRROR**							**602 E STUART DR**				**NAICS Code**	**327215**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0

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Facility County/Independent City / Facility Name/Address / Chemical Name	form A*	On-Site Releases from Section 5 of Form R: Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	On-Site Management from Section 8 of Form R: Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	Off-Site Transfers from Section 6 of Form R: POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for WEBB ENTERPRISES LLC AMERICAN		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 records)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**145**
GILES	**CELANESE ACETATE LLC - CELCO P LANT**							**3520 VIRGINIA AVE**				**NAICS Code**	**325220**
MERCURY	N	0	2	2	0	0	2	0	0	0	0	0	19
POLYCHLORINATED BIPHENYLS	N	0	0	0	0	0	0	0	0	0	0	0	63
Total for CELANESE ACETATE LLC - CELCO P L		**0**	**2**	**2**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**81**
GILES	**LHOIST NA OF VIRGINIA INC KIMBALLTON AREA 1**							**2093 BIG STONY CREEK RD**				**NAICS Code**	**327410**
LEAD COMPOUNDS	N	0	1	1	0	0	936	0	0	0	0	0	0
MERCURY COMPOUNDS	N	0	5	5	0	0	21	0	0	0	0	0	0
Total for LHOIST NA OF VIRGINIA INC KIMBALL		**0**	**5**	**5**	**0**	**0**	**956**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (4 records)		**0**	**7**	**7**	**0**	**0**	**958**	**0**	**0**	**0**	**0**	**0**	**81**
GREENSVILLE	**GEORGIA PACIFIC WOOD PRODUCTS LLC EMPORIA PLYWOOD**							**634 DAVIS ST**				**NAICS Code**	**321212**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	295	295	0	0	295	0	0	0	0	0	25
Total for GEORGIA PACIFIC WOOD PRODUCTS		**0**	**295**	**295**	**0**	**0**	**295**	**0**	**0**	**0**	**0**	**0**	**25**
GREENSVILLE	**STEELFAB OF VIRGINIA INC**							**1510 REESE ST**				**NAICS Code**	**332312**
LEAD	N	9	0	9	0	0	9	0	0	0	0	0	2,078
Total for STEELFAB OF VIRGINIA INC		**9**	**0**	**9**	**0**	**0**	**9**	**0**	**0**	**0**	**0**	**0**	**2,078**
Total for Above County : (3 records)		**9**	**295**	**304**	**0**	**0**	**304**	**0**	**0**	**0**	**0**	**0**	**2,103**
HALIFAX	**CLOVER POWER STATION**							**4091 CLOVER RD -**				**NAICS Code**	**221112**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY COMPOUNDS	N	0	1	1	0	1	229	0	0	0	0	0	30
Total for CLOVER POWER STATION		**0**	**1**	**1**	**0**	**1**	**229**	**0**	**0**	**0**	**0**	**0**	**30**
HALIFAX	**HUBER ENGINEERED WOODS LLC**							**1000 CHANEY LN**				**NAICS Code**	**321219**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0

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Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
LEAD COMPOUNDS	N	0	96	96	0	0	169	0	0	0	0	0	73
Total for HUBER ENGINEERED WOODS LLC		**0**	**96**	**96**	**0**	**0**	**169**	**0**	**0**	**0**	**0**	**0**	**73**
Total for Above County : (4 records)		**0**	**97**	**97**	**0**	**1**	**398**	**0**	**0**	**0**	**0**	**0**	**103**
HAMPTON (CITY)	**BRANSCOME-HAMPTON**							**1922 W PEMBROKE AVE**				**NAICS Code**	**324121**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	1	0	1	0	0	1	0	0	0	0	0	0
Total for BRANSCOME-HAMPTON		**1**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (3 records)		**1**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
HANOVER	**CONCRETE PIPE & PRECAST LLC-ASHLAND PRECAST PLANT**							**11352 VIRGINIA PRECAST RD**				**NAICS Code**	**327332**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for CONCRETE PIPE & PRECAST LLC-ASH		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
HANOVER	**CONCRETE PIPE & PRECAST LLC-HANOVER PIPE PLANT**							**10350 DESIGN RD**				**NAICS Code**	**327332**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for CONCRETE PIPE & PRECAST LLC-HA		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
HANOVER	**SOUTH ATLANTIC GALVANIZING LLC**							**11022 LEWISTOWN RD -**				**NAICS Code**	**332812**
LEAD	N	15	0	15	0	1	16	0	0	0	0	0	2,613
Total for SOUTH ATLANTIC GALVANIZING LLC		**15**	**0**	**15**	**0**	**1**	**16**	**0**	**0**	**0**	**0**	**0**	**2,613**
Total for Above County : (3 records)		**15**	**0**	**16**	**0**	**1**	**16**	**0**	**0**	**0**	**0**	**0**	**2,613**
HARRISONBURG (CITY)	**TENNECO WALKER MANUFACTURING CO**							**3160 ABBOTT LN**				**NAICS Code**	**336390**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	649
Total for TENNECO WALKER MANUFACTURING		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**649**
Total for Above County : (1 record)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**649**
HENRICO	**ARGOS READY MIX BRYAN PARK CONCRETE PLANT**							**4607 RACRETE RD -**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0

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Total for ARGOS READY MIX BRYAN PARK CON		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
HENRICO	**IR ENGRAVING LLC**							**5901 LEWIS RD**				**NAICS Code**	**323111**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	919
Total for IR ENGRAVING LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**919**
HENRICO	**MECHANICSVILLE CONCRETE LLC-AIRPORT PLANT (OAKLEYS LA**							**4481 OAKLEYS LN**				**NAICS Code**	**327320**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for MECHANICSVILLE CONCRETE LLC-AI		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (3 records)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**919**
HENRY	**PINE PRODUCTS INC**							**315 CARVER RD**				**NAICS Code**	**321113**
LEAD	N	0	968	968	0	0	968	0	0	0	0	0	0
Total for PINE PRODUCTS INC		**0**	**968**	**968**	**0**	**0**	**968**	**0**	**0**	**0**	**0**	**0**	**0**
HENRY	**VIRGINIA MIRROR CO INC**							**300 S MOSS ST -**				**NAICS Code**	**327215**
LEAD COMPOUNDS	N	0	1	1	0	0	1	0	0	0	0	1	76
Total for VIRGINIA MIRROR CO INC		**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**1**	**76**
Total for Above County : (2 records)		**0**	**969**	**969**	**0**	**0**	**969**	**0**	**0**	**0**	**0**	**1**	**76**
HOPEWELL (CITY)	**ADVANSIX INC HOPEWELL PLANT**							**905 E RANDOLPH RD -**				**NAICS Code**	**325199**
POLYCYCLIC AROMATIC COMPOU	N	98	0	98	0	0	98	0	0	0	0	0	0
Total for ADVANSIX INC HOPEWELL PLANT		**98**	**0**	**98**	**0**	**0**	**98**	**0**	**0**	**0**	**0**	**0**	**0**
HOPEWELL (CITY)	**ASSOCIATED ASPHALT HOPEWELL LLC**							**410 WATER ST**				**NAICS Code**	**424710**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	0	5	5	0	0	5	0	0	0	0	0	0
Total for ASSOCIATED ASPHALT HOPEWELL LL		**0**	**5**	**5**	**0**	**0**	**5**	**0**	**0**	**0**	**0**	**0**	**0**
HOPEWELL (CITY)	**CITY POINT ENERGY CENTER**							**912 E RANDOLPH RD**				**NAICS Code**	**221112**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0

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MERCURY COMPOUNDS	N	0	99	99	0	0	100	0	0	0	0	0	0
Total for CITY POINT ENERGY CENTER		**0**	**99**	**99**	**0**	**0**	**100**	**0**	**0**	**0**	**0**	**0**	**0**
HOPEWELL (CITY)	**WESTROCK CP, LLC**							**910 INDUSTRIAL ST**				**NAICS Code**	**322130**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	1
LEAD COMPOUNDS	N	0	25	25	0	0	25	0	0	0	0	389	642
POLYCYCLIC AROMATIC COMPOU	N	0	83	83	0	0	83	0	0	0	0	0	11
Total for WESTROCK CP, LLC		**0**	**109**	**109**	**0**	**0**	**109**	**0**	**0**	**0**	**0**	**389**	**654**
Total for Above County : (8 records)		**98**	**213**	**311**	**0**	**0**	**311**	**0**	**0**	**0**	**0**	**389**	**654**
ISLE OF WIGHT	**INTERNATIONAL PAPER FRANKLIN MILL**							**34040 UNION CAMP DR**				**NAICS Code**	**322110**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	1	1	0	2	3	0	0	0	0	0	6
LEAD COMPOUNDS	N	0	32	32	0	67	99	0	0	0	0	0	748
Total for INTERNATIONAL PAPER FRANKLIN MI		**0**	**32**	**32**	**0**	**69**	**102**	**0**	**0**	**0**	**0**	**0**	**754**
ISLE OF WIGHT	**ST TISSUE LLC**							**34050 UNION CAMP DR -**				**NAICS Code**	**322121**
LEAD	N	0	1	1	0	0	1	0	0	0	0	0	176
Total for ST TISSUE LLC		**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**176**
Total for Above County : (3 records)		**0**	**33**	**33**	**0**	**69**	**102**	**0**	**0**	**0**	**0**	**0**	**930**
JAMES CITY	**BALL METAL BEVERAGE CONTAINER CORP**							**8935 POCAHONTAS TRAIL JAMES RIVER NO**				**NAICS Code**	**332431**
LEAD	N	0	0	0	0	0	0	0	0	0	0	3	5
Total for BALL METAL BEVERAGE CONTAINER		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**5**
JAMES CITY	**BRANSCOME-LEE HALL**							**9393 MERRIMAC TRAIL**				**NAICS Code**	**324121**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	1	0	1	0	0	1	0	0	0	0	0	0
Total for BRANSCOME-LEE HALL		**1**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
JAMES CITY	**GREYSTONE OF VIRGINIA INC**							**7992 RICHMOND RD**				**NAICS Code**	**332813**

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Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	1	499
Total for GREYSTONE OF VIRGINIA INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**499**
JAMES CITY	**OWENS-BROCKWAY GLASS CONTAINER INC PLANT 26**							**150 INDUSTRIAL BLVD**				**NAICS Code**	**327213**
LEAD COMPOUNDS	N	0	29	29	0	0	29	0	15	0	15	0	0
Total for OWENS-BROCKWAY GLASS CONTAIN		**0**	**29**	**29**	**0**	**0**	**29**	**0**	**15**	**0**	**15**	**0**	**0**
Total for Above County : (7 records)		**1**	**30**	**31**	**0**	**0**	**31**	**0**	**15**	**0**	**15**	**4**	**504**
KING GEORGE	**BIRCHWOOD POWER FACILITY**							**10900 BIRCHWOOD DR**				**NAICS Code**	**221112**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	6,250
MERCURY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	1
Total for BIRCHWOOD POWER FACILITY		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6,251**
KING GEORGE	**KING GEORGE PLANT**							**13250 JAMES MADISON PARKWAY -**				**NAICS Code**	**327320**
LEAD	N	28	0	28	0	0	28	0	0	0	0	0	0
Total for KING GEORGE PLANT		**28**	**0**	**28**	**0**	**0**	**28**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (3 records)		**28**	**0**	**28**	**0**	**0**	**28**	**0**	**0**	**0**	**0**	**0**	**6,251**
KING WILLIAM	**ROCKTENN CP, LLC**							**1901 MAIN ST**				**NAICS Code**	**322110**
BENZO(G,H,I)PERYLENE	N	0	3	3	0	0	3	0	0	0	0	0	2
DIOXIN AND DIOXIN-LIKE COMPO	N	0	1	1	0	0	1	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	110	110	0	201	311	0	0	0	0	0	2,362
MERCURY COMPOUNDS	N	0	7	7	0	0	8	0	0	0	0	0	5
POLYCYCLIC AROMATIC COMPOU	N	0	230	230	0	0	230	0	0	0	0	0	29
Total for ROCKTENN CP, LLC		**0**	**352**	**352**	**0**	**202**	**553**	**0**	**0**	**0**	**0**	**0**	**2,399**
Total for Above County : (5 records)		**0**	**352**	**352**	**0**	**202**	**553**	**0**	**0**	**0**	**0**	**0**	**2,399**
LEE	**US PENITENTIARY LEE**							**LEE COUNTY IND US TRIAL PARK HICKORY**				**NAICS Code**	**922140**
LEAD COMPOUNDS	N	1	0	1	0	0	1,440	0	0	0	0	0	0

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Total for US PENITENTIARY LEE			**1**	**0**	**1**	**0**	**0**	**1,440**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (1 record)			**1**	**0**	**1**	**0**	**0**	**1,440**	**0**	**0**	**0**	**0**	**0**	**0**
LOUDOUN	**CHANTILLY READY MIX CONCRETE**								**25232 WILLARD ROAD -**				**NAICS Code**	**327320**
	LEAD COMPOUNDS	N	0	0	0	0	0	5	0	0	0	0	0	5
	MERCURY COMPOUNDS	N	1	1	1	0	0	1	0	0	0	0	0	0
Total for CHANTILLY READY MIX CONCRETE			**1**	**1**	**1**	**0**	**0**	**6**	**0**	**0**	**0**	**0**	**0**	**5**
LOUDOUN	**ELECTRONIC INSTRUMENTATION & TECHNOLOGY LLC**								**309 KELLY'S FORD PLAZA**				**NAICS Code**	**334418**
	LEAD	N	0	0	0	0	0	0	0	0	0	0	0	41
Total for ELECTRONIC INSTRUMENTATION & T			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**41**
LOUDOUN	**GEA SYSTEMS DBA LLC (DBA LLC DOWTY PROPELLERS)**								**114 POWERS CT**				**NAICS Code**	**336413**
	LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for GEA SYSTEMS DBA LLC (DBA LLC DO			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
LOUDOUN	**SUPERIOR CONCRETE MATERIALS INC. - DULLES**								**44146 WADE DR**				**NAICS Code**	**327320**
	LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
	MERCURY	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for SUPERIOR CONCRETE MATERIALS IN			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
LOUDOUN	**TITAN VIRGINIA READY-MIX LLC-LEESBURG PLANT**								**42105 COCHRAN MILL RD**				**NAICS Code**	**327320**
	LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-LEES			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
LOUDOUN	**TITAN VIRGINIA READY-MIX LLC-STERLING PLANT**								**22963 CONCRETE PLAZA**				**NAICS Code**	**327320**
	LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-STER			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
LOUDOUN	**TTM TECHNOLOGIES NORTH AMERICA, LLC.**								**1200 SEVERN WAY**				**NAICS Code**	**334412**
	LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	73	6,293

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Facility County/Independent City / Facility Name/Address		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for TTM TECHNOLOGIES NORTH AMERIC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**73**	**6,293**
LOUDOUN	**US DHS MT WEATHER EOC**							**19844 BLUE RIDGE MOUNTAIN RD**				**NAICS Code**	**922190**
LEAD COMPOUNDS	N	5	0	5	0	0	5	0	0	0	0	0	3,010
Total for US DHS MT WEATHER EOC		**5**	**0**	**5**	**0**	**0**	**5**	**0**	**0**	**0**	**0**	**0**	**3,010**
LOUDOUN	**VIRGINIA CONCRETE CO INC-CHANTILLY**							**25086 TANNER LN**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VIRGINIA CONCRETE CO INC-CHANTIL		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
LOUDOUN	**VIRGINIA CONCRETE COCHRAN MILL**							**42574 COCHRAN MILL RD**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VIRGINIA CONCRETE COCHRAN MILL		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
LOUDOUN	**VIRGINIA CONCRETE DULLES PLANT**							**44866 OLD OX RD**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VIRGINIA CONCRETE DULLES PLANT		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
LOUDOUN	**VIRGINIA CONCRETE LEESBURG PLANT**							**43048 BUILDERS LN**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VIRGINIA CONCRETE LEESBURG PLA		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (14 records)		**5**	**1**	**6**	**0**	**0**	**11**	**0**	**0**	**0**	**0**	**73**	**9,350**
LYNCHBURG (CITY)	**BANKER STEEL COMPANY, LLC**							**1619 WYTHE RD**				**NAICS Code**	**332312**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	819
Total for BANKER STEEL COMPANY, LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**819**
LYNCHBURG (CITY)	**GRIFFIN PIPE PRODUCTS CO**							**10 ADAMS ST**				**NAICS Code**	**331511**
LEAD COMPOUNDS	N	4	1,636	1,640	0	1	1,641	0	0	0	0	27	43,826
MERCURY COMPOUNDS	N	0	1	1	0	0	1	0	0	0	0	0	17
Total for GRIFFIN PIPE PRODUCTS CO		**4**	**1,637**	**1,641**	**0**	**1**	**1,642**	**0**	**0**	**0**	**0**	**27**	**43,842**

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Facility County/Independent City / Facility Name/Address / Chemical Name	form A*	On-Site Releases from Section 5 of Form R: Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	On-Site Management from Section 8 of Form R: Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	Off-Site Transfers from Section 6 of Form R: POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
LYNCHBURG (CITY)	**WESTROCK / SEVEN HILLS LLC**							**1801 CONCORD TURNPIKE**				**NAICS Code**	**322121**
LEAD	N	0	0	0	0	0	0	0	0	0	0	1	1
Total for WESTROCK / SEVEN HILLS LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**
Total for Above County : (4 records)		**4**	**1,637**	**1,641**	**0**	**1**	**1,642**	**0**	**0**	**0**	**0**	**28**	**44,662**
MECKLENBURG	**AMERICAN BUILDINGS COMPANY-LA CROSSE**							**501 GOLDEN EAGLE DR**				**NAICS Code**	**332311**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	442
Total for AMERICAN BUILDINGS COMPANY-LA		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**442**
MECKLENBURG	**MECKLENBURG POWER STATION**							**204 COGEN DR**				**NAICS Code**	**221112**
LEAD COMPOUNDS	N	0	6	6	0	3	8	0	0	0	0	0	89
MERCURY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	1
Total for MECKLENBURG POWER STATION		**0**	**6**	**6**	**0**	**3**	**9**	**0**	**0**	**0**	**0**	**0**	**90**
MECKLENBURG	**PALLET ONE OF VIRGINIA**							**820 BOYD ST**				**NAICS Code**	**321920**
LEAD COMPOUNDS	N	0	1	2	0	0	2	0	0	0	0	0	0
Total for PALLET ONE OF VIRGINIA		**0**	**1**	**2**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (4 records)		**0**	**7**	**7**	**0**	**3**	**10**	**0**	**0**	**0**	**0**	**0**	**533**
MONTGOMERY	**ALLIANT TECHSYSTEMS OPERATIONS LLC (NEW RIVER ENERGETI**							**RT 114 RADFORD ARMY AMMUNITION PLA**				**NAICS Code**	**325920**
LEAD COMPOUNDS	N	0	5	5	0	0	5	0	0	0	0	0	4,945
Total for ALLIANT TECHSYSTEMS OPERATION		**0**	**5**	**5**	**0**	**0**	**5**	**0**	**0**	**0**	**0**	**0**	**4,945**
MONTGOMERY	**BAE SYSTEMS, ORDNANCE SYSTEMS INC**							**RADFORD ARMY AMMUNITION PLANT 4050**				**NAICS Code**	**325920**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	3,628	101	3,729	0	78	3,807	0	0	0	0	0	0
MERCURY	N	0	4	4	0	0	4	0	0	0	0	0	0
Total for BAE SYSTEMS, ORDNANCE SYSTEMS		**3,628**	**105**	**3,733**	**0**	**78**	**3,811**	**0**	**0**	**0**	**0**	**0**	**0**
MONTGOMERY	**FEDERAL-MOGUL CORP**							**300 INDUSTRIAL PARK RD SE**				**NAICS Code**	**336350**

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LEAD	N	0	9	9	0	0	9	0	0	0	0	1	259
Total for FEDERAL-MOGUL CORP		**0**	**9**	**9**	**0**	**0**	**9**	**0**	**0**	**0**	**0**	**1**	**259**
MONTGOMERY	**MOOG INC.**							**1213 N MAIN ST**				**NAICS Code**	**334419**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	402
Total for MOOG INC.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**402**
Total for Above County : (6 records)		**3,628**	**119**	**3,747**	**0**	**78**	**3,825**	**0**	**0**	**0**	**0**	**1**	**5,606**
NEWPORT NEWS (CITY)	**BKEP MATERIALS, LLC -- NEWPORT NEWS VA**							**801 TERMINAL AVE**				**NAICS Code**	**324121**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	0	1	1	0	0	1	0	1	0	1	0	23
Total for BKEP MATERIALS, LLC -- NEWPORT N		**0**	**1**	**1**	**0**	**0**	**1**	**0**	**1**	**0**	**1**	**0**	**23**
NEWPORT NEWS (CITY)	**HUNTINGTON INGALLS INCORPORATED**							**4101 WASHINGTON AVE**				**NAICS Code**	**336611**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	N	0	0	1	0	412	412	0	0	0	0	80	14,644
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for HUNTINGTON INGALLS INCORPORAT		**0**	**0**	**1**	**0**	**412**	**412**	**0**	**0**	**0**	**0**	**80**	**14,644**
NEWPORT NEWS (CITY)	**JOINT BASE LANGLEY EUSTIS-EUSTIS (JBLE-EUSTIS)**							**705 WASHINTON BLVD**				**NAICS Code**	**928110**
LEAD	N	150	0	150	0	0	28,955	0	0	0	0	0	3,849
Total for JOINT BASE LANGLEY EUSTIS-EUSTIS		**150**	**0**	**150**	**0**	**0**	**28,955**	**0**	**0**	**0**	**0**	**0**	**3,849**
NEWPORT NEWS (CITY)	**TCS MATERIALS NEWPORT NEWS**							**700 SHIELDS RD**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TCS MATERIALS NEWPORT NEWS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (8 records)		**151**	**1**	**152**	**0**	**412**	**29,368**	**0**	**1**	**0**	**1**	**80**	**18,516**
NORFOLK (CITY)	**BAE SYSTEMS NORFOLK SHIP REPAIR**							**750 W BERKLEY AVE**				**NAICS Code**	**336611**
LEAD COMPOUNDS	N	5	0	5	0	0	5	0	0	0	0	10	115

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Facility County/Independent City / Facility Name/Address / Chemical Name	form A*	On-Site Releases from Section 5 of Form R: Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	On-Site Management from Section 8 of Form R: Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	Off-Site Transfers from Section 6 of Form R: POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for BAE SYSTEMS NORFOLK SHIP REPAI		**5**	**0**	**5**	**0**	**0**	**5**	**0**	**0**	**0**	**0**	**10**	**115**
NORFOLK (CITY)	**BRANSCOME INC-NORFOLK WESTMINSTER**							**3425 WESTMINSTER AVE**				**NAICS Code**	**324121**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	1	0	1	0	0	1	0	0	0	0	0	0
Total for BRANSCOME INC-NORFOLK WESTMIN		**1**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
NORFOLK (CITY)	**CAPITAL CONCRETE INC.**							**400 STAPLETON ST**				**NAICS Code**	**327320**
LEAD COMPOUNDS	N	0	0	0	0	1	1	0	0	0	0	0	0
Total for CAPITAL CONCRETE INC.		**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
NORFOLK (CITY)	**TITAN VIRGINIA READY-MIX LLC-CAMPOSTELLA PLANT**							**2125 KIMBALL TERRACE**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-CAM		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
NORFOLK (CITY)	**U.S. NAVY JOINT EXPEDITIONARY LITTLE CREEK BASE**							**2600 TARAWA CT SUITE 100**				**NAICS Code**	**928110**
LEAD	N	0	0	0	0	0	2,399	0	0	0	0	0	0
LEAD COMPOUNDS	N	21	0	21	0	0	21	0	0	0	0	0	187
Total for U.S. NAVY JOINT EXPEDITIONARY LIT		**21**	**0**	**21**	**0**	**0**	**2,420**	**0**	**0**	**0**	**0**	**0**	**187**
NORFOLK (CITY)	**UNITED STATES GYPSUM CO**							**1424 S MAIN ST**				**NAICS Code**	**327420**
LEAD COMPOUNDS	N	0	1	1	0	0	1	0	0	0	0	0	0
MERCURY COMPOUNDS	N	0	94	94	0	0	94	0	0	0	0	0	0
Total for UNITED STATES GYPSUM CO		**0**	**95**	**95**	**0**	**0**	**95**	**0**	**0**	**0**	**0**	**0**	**0**
NORFOLK (CITY)	**US NAVY NAVAL STATION NORFOLK**							**1530 GILBERT ST SUITE 2000**				**NAICS Code**	**928110**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	96	0	96	0	0	96	0	0	0	0	0	1,237
Total for US NAVY NAVAL STATION NORFOLK		**96**	**0**	**96**	**0**	**0**	**96**	**0**	**0**	**0**	**0**	**0**	**1,237**
Total for Above County : (12 records)		**123**	**95**	**218**	**0**	**1**	**2,619**	**0**	**0**	**0**	**0**	**10**	**1,539**

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Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
NORTHUMBERLAND	**CARRY-ON TRAILER CORP**							**617 HARRY HOGAN RD -**				**NAICS Code**	**336212**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	3
Total for CARRY-ON TRAILER CORP		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**
Total for Above County : (1 record)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**
NOTTOWAY	**ARBORTECH FOREST PRODUCTS, INC.**							**500 DEARING AVENUE**				**NAICS Code**	**321113**
LEAD COMPOUNDS	N	0	12	12	0	0	26	0	0	0	0	0	0
Total for ARBORTECH FOREST PRODUCTS, IN		**0**	**12**	**12**	**0**	**0**	**26**	**0**	**0**	**0**	**0**	**0**	**0**
NOTTOWAY	**US ARMY NATIONAL GUARD FORT PICKETT (INSTALLATION)**							**US PFO BUILDING 316 FORT PICKETT**				**NAICS Code**	**928110**
LEAD	N	0	0	0	0	0	52,840	0	0	0	0	0	0
LEAD COMPOUNDS	N	385	0	385	0	0	396	0	0	0	0	0	0
Total for US ARMY NATIONAL GUARD FORT PIC		**385**	**0**	**385**	**0**	**0**	**53,236**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (3 records)		**385**	**12**	**397**	**0**	**0**	**53,262**	**0**	**0**	**0**	**0**	**0**	**0**
PATRICK	**MICROMETRICS SYSTEM**							**225 JEB STUART HWY**				**NAICS Code**	**332710**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for MICROMETRICS SYSTEM		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (1 record)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PETERSBURG (CITY)	**PRE CON, INC.**							**321 BROWN ST**				**NAICS Code**	**313320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for PRE CON, INC.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PETERSBURG (CITY)	**VALMONT-VIRGINIA GALVANIZING INC**							**3535 HALIFAX RD**				**NAICS Code**	**332812**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	22
Total for VALMONT-VIRGINIA GALVANIZING INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**22**
Total for Above County : (2 records)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**22**
PITTSYLVANIA	**BLUE RIDGE FIBERBOARD**							**250 CELOTEX DR**				**NAICS Code**	**321219**

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Facility County/Independent City / Facility Name/Address		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
POLYCYCLIC AROMATIC COMPOU	N	13	0	13	0	0	13	0	0	0	0	0	0
Total for BLUE RIDGE FIBERBOARD		**13**	**0**	**13**	**0**	**0**	**13**	**0**	**0**	**0**	**0**	**0**	**0**
PITTSYLVANIA	**JTI LEAF SERVICES (US) LLC**							**202 STINSON DRIVE**				**NAICS Code**	**312230**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for JTI LEAF SERVICES (US) LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PITTSYLVANIA	**OWENS-BROCKWAY GLASS CONTAINER INC PLANT 29**							**29 GLASSBLOWER LN**				**NAICS Code**	**327213**
LEAD COMPOUNDS	N	0	245	245	0	0	245	0	0	0	0	0	0
Total for OWENS-BROCKWAY GLASS CONTAIN		**0**	**245**	**245**	**0**	**0**	**245**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (3 records)		**13**	**245**	**258**	**0**	**0**	**258**	**0**	**0**	**0**	**0**	**0**	**0**
PORTSMOUTH (CITY)	**TITAN VIRGINIA READY-MIX LLC-PORT NORFOLK PLANT**							**101 CHAUTAUQUA AVE**				**NAICS Code**	**327320**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-PORT		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PORTSMOUTH (CITY)	**US COAST GUARD BASE PORTSMOUTH**							**4000 COAST GUARD BLVD**				**NAICS Code**	**928110**
LEAD	N	7	0	7	0	5	12	0	0	0	0	0	761
Total for US COAST GUARD BASE PORTSMOUT		**7**	**0**	**7**	**0**	**5**	**12**	**0**	**0**	**0**	**0**	**0**	**761**
Total for Above County : (2 records)		**7**	**0**	**7**	**0**	**5**	**12**	**0**	**0**	**0**	**0**	**0**	**761**
PRINCE GEORGE	**FEDERAL CORRECTIONAL COMPLEX**							**1060 RIVER RD**				**NAICS Code**	**922140**
LEAD COMPOUNDS	N	1	0	1	0	0	1,326	0	0	0	0	0	0
Total for FEDERAL CORRECTIONAL COMPLEX		**1**	**0**	**1**	**0**	**0**	**1,326**	**0**	**0**	**0**	**0**	**0**	**0**
PRINCE GEORGE	**U.S. ARMY GARRISON FORT LEE VA - RANGES**							**825, 19TH STREET, BLDG 6005**				**NAICS Code**	**928110**
LEAD	N	0	0	0	0	0	2,807	0	0	0	0	0	0
Total for U.S. ARMY GARRISON FORT LEE VA -		**0**	**0**	**0**	**0**	**0**	**2,807**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 records)		**1**	**0**	**1**	**0**	**0**	**4,133**	**0**	**0**	**0**	**0**	**0**	**0**
PRINCE WILLIAM	**BAE SYSTEMS INFORMATION & ELECTRONIC SYSTEMS INTEGRAT**							**9300 WELLINGTON RD**				**NAICS Code**	**334419**

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Facility County/Independent City / Facility Name/Address		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
LEAD	N	0	2	2	0	0	2	0	0	0	0	0	227
Total for BAE SYSTEMS INFORMATION & ELEC		**0**	**2**	**2**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**227**
PRINCE WILLIAM	**MANASSAS BROAD RUN READY MIX CONCRETE**							**9321 DEVELOPERS DRIVE -**				**NAICS Code**	**327320**
LEAD COMPOUNDS	N	0	0	0	0	0	3	0	0	0	0	0	3
Total for MANASSAS BROAD RUN READY MIX C		**0**	**0**	**0**	**0**	**0**	**3**	**0**	**0**	**0**	**0**	**0**	**3**
PRINCE WILLIAM	**POSSUM POINT POWER STATION**							**19000 POSSUM POINT RD -**				**NAICS Code**	**221112**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	0	1	1	0	0	1	0	0	0	0	0	0
Total for POSSUM POINT POWER STATION		**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
PRINCE WILLIAM	**SAFETY-KLEEN SYSTEMS MANASSAS (MAN)**							**11520 BALLS FORD RD**				**NAICS Code**	**562112**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	574
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	4,176
Total for SAFETY-KLEEN SYSTEMS MANASSAS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4,750**
PRINCE WILLIAM	**TITAN VIRGINIA READY-MIX LLC-DUMFRIES PLANT**							**3454 CANAL RD**				**NAICS Code**	**327320**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-DUM		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PRINCE WILLIAM	**US MARINE CORPS BASE QUANTICO RANGE COMPLEX**							**3250 CATLIN AVE**				**NAICS Code**	**928110**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for US MARINE CORPS BASE QUANTICO		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PRINCE WILLIAM	**VIRGINIA CONCRETE DUMFRIES PLANT**							**217 CANAL RD**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VIRGINIA CONCRETE DUMFRIES PLAN		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PRINCE WILLIAM	**VIRGINIA CONCRETE GAINESVILLE PLANT**							**7300 RAIL LINE CT**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0

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Facility County/Independent City / Facility Name/Address		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for VIRGINIA CONCRETE GAINESVILLE PL		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PRINCE WILLIAM	**VIRGINIA CONCRETE WOODBRIDGE PLANT**							**936 ANNAPOLIS WAY**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VIRGINIA CONCRETE WOODBRIDGE P		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (11 records)		**0**	**3**	**3**	**0**	**0**	**6**	**0**	**0**	**0**	**0**	**0**	**4,980**
PULASKI	**IMPERIAL GROUP MANUFACTURING INC**							**4969 STEPP PLACE**				**NAICS Code**	**332322**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	813
Total for IMPERIAL GROUP MANUFACTURING I		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**813**
PULASKI	**JAMES HARDIE BUILDING PRODUCTS PULASKI**							**1000 JAMES HARDIE WAY -**				**NAICS Code**	**327390**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	1
Total for JAMES HARDIE BUILDING PRODUCTS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
Total for Above County : (2 records)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**814**
RICHMOND	**SONOCO RICHMOND**							**1850 COMMERCE RD -**				**NAICS Code**	**322130**
LEAD	N	0	0	0	0	0	0	0	0	0	0	25	86
Total for SONOCO RICHMOND		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**25**	**86**
RICHMOND	**WOOD PRESERVERS INC**							**15939 HISTORY LAND HWY**				**NAICS Code**	**321114**
LEAD COMPOUNDS	N	0	4	4	0	0	4	0	0	0	0	0	0
Total for WOOD PRESERVERS INC		**0**	**4**	**4**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 records)		**0**	**4**	**4**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**25**	**86**
RICHMOND (CITY)	**AERC RECYCLING SOLUTIONS**							**3301 ROSEDALE AVE STE D**				**NAICS Code**	**562112**
MERCURY	N	0	0	0	0	0	0	0	0	0	0	0	42
Total for AERC RECYCLING SOLUTIONS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**42**
RICHMOND (CITY)	**SPRUANCE GENCO LLC**							**5001 COMMERCE RD**				**NAICS Code**	**221112**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0

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Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
LEAD COMPOUNDS	N	0	43	43	0	3	46	0	0	0	0	0	23
MERCURY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for SPRUANCE GENCO LLC		**0**	**44**	**44**	**0**	**3**	**47**	**0**	**0**	**0**	**0**	**0**	**23**
RICHMOND (CITY)	**TCS MATERIALS RICHMOND PLANT**							**2100 DEEPWATER TERMINAL ROAD**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TCS MATERIALS RICHMOND PLANT		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (5 records)		**0**	**44**	**44**	**0**	**3**	**47**	**0**	**0**	**0**	**0**	**0**	**65**
ROANOKE	**HARRIS CORP - NIGHT VISION**							**7635 PLANTATION RD**				**NAICS Code**	**334511**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	6	621
Total for HARRIS CORP - NIGHT VISION		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6**	**621**
ROANOKE	**KOPPERS INC (ROANOKE)**							**4020 KOPPERS RD**				**NAICS Code**	**321114**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	1,611	0	1,611	0	15
POLYCYCLIC AROMATIC COMPOU	N	2	3	5	0	0	5	0	84,399	8	84,407	0	795
Total for KOPPERS INC (ROANOKE)		**2**	**3**	**5**	**0**	**0**	**5**	**0**	**86,010**	**8**	**86,018**	**0**	**811**
ROANOKE	**MEDECO SECURITY LOCKS INC.**							**3625 ALLEGHENY DR**				**NAICS Code**	**332510**
LEAD COMPOUNDS	N	0	0	0	0	1	1	0	0	0	0	0	26,079
Total for MEDECO SECURITY LOCKS INC.		**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**26,079**
ROANOKE	**NEW MILLENNIUM BUILDING SYSTEMS**							**100 DIUGUIDS LANE**				**NAICS Code**	**332312**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	6,238
Total for NEW MILLENNIUM BUILDING SYSTEM		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6,238**
ROANOKE	**SAFETY-KLEEN SYSTEMS VINTON (ROA)**							**16090 STEWARTSVILLE RD**				**NAICS Code**	**562112**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	214
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	1,556
Total for SAFETY-KLEEN SYSTEMS VINTON (R		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,770**

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Facility County/Independent City / Facility Name/Address / Chemical Name	form A*	On-Site Releases from Section 5 of Form R: Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	On-Site Management from Section 8 of Form R: Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	Off-Site Transfers from Section 6 of Form R: POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
ROANOKE	**YOKOHAMA TIRE MANUFACTURING VIRGINIA LLC**							**1500 INDIANA ST**				**NAICS Code**	**326211**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	1	0	1	0	0	1	0	0	0	0	0	1
POLYCYCLIC AROMATIC COMPOU	N	0	1	1	0	0	1	0	0	0	0	0	1
Total for YOKOHAMA TIRE MANUFACTURING VI		**1**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**2**
Total for Above County : (10 records)		**2**	**4**	**6**	**0**	**1**	**7**	**0**	**86,010**	**8**	**86,018**	**6**	**35,521**
ROANOKE (CITY)	**ASSOCIATED ASPHALT ROANOKE, LLC**							**2677 ROANOKE AVE SW**				**NAICS Code**	**424710**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	0	17	17	0	0	17	0	0	0	0	0	0
Total for ASSOCIATED ASPHALT ROANOKE, LL		**0**	**17**	**17**	**0**	**0**	**17**	**0**	**0**	**0**	**0**	**0**	**0**
ROANOKE (CITY)	**BOXLEY MATERIALS COMPANY ROANOKE READY MIX PLANT**							**3830 BLUE RIDGE DR SW**				**NAICS Code**	**327320**
LEAD COMPOUNDS	N	0	2	2	0	0	2	0	0	0	0	0	0
Total for BOXLEY MATERIALS COMPANY ROAN		**0**	**2**	**2**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**
ROANOKE (CITY)	**STEEL DYNAMICS INC ROANOKE BAR DIV**							**102 WESTSIDE BLVD**				**NAICS Code**	**331110**
LEAD COMPOUNDS	N	14	130	144	0	22	166	0	0	0	0	0	162,552
MERCURY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for STEEL DYNAMICS INC ROANOKE BAR		**14**	**130**	**144**	**0**	**22**	**166**	**0**	**0**	**0**	**0**	**0**	**162,552**
Total for Above County : (5 records)		**14**	**149**	**163**	**0**	**22**	**185**	**0**	**0**	**0**	**0**	**0**	**162,552**
ROCKBRIDGE	**CONCRETE PIPE & PRECAST LLC-HARRISONBURG PRECAST PLANT**							**210 STONE SPRING RD**				**NAICS Code**	**327332**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for CONCRETE PIPE & PRECAST LLC-HA		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
ROCKBRIDGE	**MUNTERS**							**225 S MAGNOLIA AVE**				**NAICS Code**	**333415**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	190
Total for MUNTERS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**190**

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Facility County/Independent City / Facility Name/Address / Chemical Name	form A*	On-Site Releases from Section 5 of Form R: Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	On-Site Management from Section 8 of Form R: Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	Off-Site Transfers from Section 6 of Form R: POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
ROCKBRIDGE	**STELLA JONES CORP-GOSHEN FACILITY**							**9223 MAURY RIVER RD**				**NAICS Code**	**321114**
BENZO(G,H,I)PERYLENE	N	1	0	1	0	0	1	0	0	0	0	0	41
POLYCYCLIC AROMATIC COMPOU	N	23	2	26	0	0	26	0	0	0	0	0	2,316
Total for STELLA JONES CORP-GOSHEN FACILI		**24**	**2**	**26**	**0**	**0**	**26**	**0**	**0**	**0**	**0**	**0**	**2,357**
Total for Above County : (4 records)		**24**	**2**	**26**	**0**	**0**	**26**	**0**	**0**	**0**	**0**	**0**	**2,547**
ROCKINGHAM	**SUPERIOR CONCRETE INC-HARRISONBURG**							**1526 COUNTY CLUB RD**				**NAICS Code**	**327320**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for SUPERIOR CONCRETE INC-HARRISO		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 records)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
SALEM (CITY)	**CONCRETE PIPE & PRECAST LLC-SALEM #1 PLANT**							**2000 SALEM INDUSTRIAL DR**				**NAICS Code**	**327332**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for CONCRETE PIPE & PRECAST LLC-SAL		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
SALEM (CITY)	**GE DRIVES & CONTROLS**							**1501 ROANOKE BLVD**				**NAICS Code**	**335314**
LEAD COMPOUNDS	N	0	3	3	0	1	4	0	0	0	0	2	2,800
Total for GE DRIVES & CONTROLS		**0**	**3**	**3**	**0**	**1**	**4**	**0**	**0**	**0**	**0**	**2**	**2,800**
Total for Above County : (2 records)		**0**	**3**	**3**	**0**	**1**	**4**	**0**	**0**	**0**	**0**	**2**	**2,800**
SHENANDOAH	**O-N MINERALS (CHEMSTONE) STRASBURG LIME PLANT**							**1696 ORANDA RD**				**NAICS Code**	**327410**
LEAD COMPOUNDS	N	0	0	0	0	0	16	0	0	0	0	0	0
MERCURY COMPOUNDS	N	0	1	1	0	0	1	0	0	0	0	0	0
Total for O-N MINERALS (CHEMSTONE) STRAS		**0**	**1**	**1**	**0**	**0**	**17**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 records)		**0**	**1**	**1**	**0**	**0**	**17**	**0**	**0**	**0**	**0**	**0**	**0**
SMYTH	**GENERAL DYNAMICS MISSION SYSTEMS, INC.**							**150 JOHNSTON RD**				**NAICS Code**	**336413**
TETRABROMOBISPHENOL A	N	0	0	0	0	0	0	0	0	0	0	0	290
Total for GENERAL DYNAMICS MISSION SYSTE		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**290**

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Facility County/Independent City / Facility Name/Address		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for Above County : (1 record)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**290**
SPOTSYLVANIA	**SPOTSYLVANIA PLANT**							**8520 INDIAN HILLS CT. -**				**NAICS Code**	**327320**
LEAD	N	5	0	5	0	0	5	0	0	0	0	0	0
Total for SPOTSYLVANIA PLANT		**5**	**0**	**5**	**0**	**0**	**5**	**0**	**0**	**0**	**0**	**0**	**0**
SPOTSYLVANIA	**VIRGINIA CONCRETE SPOTSYLVANIA PLANT**							**6110 SMITH STATION ROAD**				**NAICS Code**	**327320**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VIRGINIA CONCRETE SPOTSYLVANIA		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 records)		**5**	**0**	**5**	**0**	**0**	**5**	**0**	**0**	**0**	**0**	**0**	**0**
STAFFORD	**COLONIAL CIRCUITS INC.**							**1026 WARRENTON RD**				**NAICS Code**	**334412**
LEAD	N	0	0	0	0	0	0	0	0	0	0	1	41
Total for COLONIAL CIRCUITS INC.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**41**
STAFFORD	**FALMOUTH READY MIX CONCRETE**							**301 WARRENTON ROAD -**				**NAICS Code**	**327320**
LEAD COMPOUNDS	N	0	0	0	0	0	4	0	0	0	0	0	4
Total for FALMOUTH READY MIX CONCRETE		**0**	**0**	**0**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**4**
STAFFORD	**STAFFORD PLANT**							**169 WYCHE RD -**				**NAICS Code**	**327320**
LEAD	N	141	0	141	0	0	141	0	0	0	0	0	0
Total for STAFFORD PLANT		**141**	**0**	**141**	**0**	**0**	**141**	**0**	**0**	**0**	**0**	**0**	**0**
STAFFORD	**TITAN VIRGINIA READY-MIX LLC-STAFFORD PLANT**							**48 POWELL LN**				**NAICS Code**	**327320**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-STAF		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
STAFFORD	**U.S. DOJ FBI TRAINING ACADEMY**							**MCB-4 BUILDING 15-FMU**				**NAICS Code**	**921110**
LEAD COMPOUNDS	N	8	0	8	0	0	8	0	0	0	0	0	70,892
Total for U.S. DOJ FBI TRAINING ACADEMY		**8**	**0**	**8**	**0**	**0**	**8**	**0**	**0**	**0**	**0**	**0**	**70,892**
Total for Above County : (5 records)		**149**	**0**	**149**	**0**	**0**	**153**	**0**	**0**	**0**	**0**	**1**	**70,937**

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Facility County/Independent City / Facility Name/Address / Chemical Name	form A*	On-Site Releases from Section 5 of Form R: Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	On-Site Management from Section 8 of Form R: Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	Off-Site Transfers from Section 6 of Form R: POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
SUFFOLK (CITY)	**TITAN VIRGINIA READY-MIX LLC-SUFFOLK PLANT**							**1408 HOLLAND ROAD**				**NAICS Code**	**327320**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-SUFF		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (1 record)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VIRGINIA BEACH (CITY)	**U.S. NAVY NAVAL AIR STATION OCEANA RANGE**							**1750 TOMCAT BLVD**				**NAICS Code**	**928110**
LEAD	N	15	0	15	0	0	15	0	0	0	0	0	90
Total for U.S. NAVY NAVAL AIR STATION OCEA		**15**	**0**	**15**	**0**	**0**	**15**	**0**	**0**	**0**	**0**	**0**	**90**
VIRGINIA BEACH (CITY)	**US ARMY NATIONAL GUARD CTC CAMP PENDLETON (RANGES)**							**203 RED HORSE DRIVE**				**NAICS Code**	**928110**
LEAD	N	0	0	0	0	0	137	0	0	0	0	0	0
Total for US ARMY NATIONAL GUARD CTC CAM		**0**	**0**	**0**	**0**	**0**	**137**	**0**	**0**	**0**	**0**	**0**	**0**
VIRGINIA BEACH (CITY)	**US NAVY FLEET COMBAT TRAINING CENTER ATL DAM NECK RANG**							**1912 REGUL US AVE**				**NAICS Code**	**928110**
LEAD	N	1	0	1	0	0	1	0	0	0	0	0	5
Total for US NAVY FLEET COMBAT TRAINING C		**1**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**5**
VIRGINIA BEACH (CITY)	**US NAVY JOINT EXPEDITIONARY FORT STORY RANGE**							**300 GUADALCANAL RD**				**NAICS Code**	**928110**
LEAD	N	0	0	0	0	0	360	0	0	0	0	0	0
Total for US NAVY JOINT EXPEDITIONARY FOR		**0**	**0**	**0**	**0**	**0**	**360**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (4 records)		**17**	**0**	**17**	**0**	**0**	**514**	**0**	**0**	**0**	**0**	**0**	**95**
WARREN	**US CBP CANINE TRAINING FACILITY FIRING RANGE #VA0040**							**828 HARMONY HOLLOW RD**				**NAICS Code**	**922120**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for US CBP CANINE TRAINING FACILITY F		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (1 record)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
WASHINGTON	**AZZ GALVANIZING-BRISTOL**							**14781 INDUSTRIAL PARK RD**				**NAICS Code**	**332812**
LEAD	N	0	0	0	0	0	0	0	60	0	60	0	862
Total for AZZ GALVANIZING-BRISTOL		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**60**	**0**	**60**	**0**	**862**

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Facility County/Independent City / Facility Name/Address		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
WASHINGTON	**COLUMBUS MCKINNON CORP**							**22364 JEB STUART HWY**				**NAICS Code**	**333923**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	28
Total for COLUMBUS MCKINNON CORP		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**28**
WASHINGTON	**MXI ENVIRONMENTAL SERVICES, LLC**							**26319 OLD TRAIL RD (ST RTE 679)**				**NAICS Code**	**562111**
CHLORDANE	N	0	0	0	0	0	0	0	0	0	0	0	500
HEPTACHLOR	N	0	0	0	0	0	0	0	0	0	0	0	100
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	1
MERCURY	N	0	0	0	0	0	0	0	0	0	0	0	1
METHOXYCHLOR	N	0	0	0	0	0	0	0	0	0	0	0	100
Total for MXI ENVIRONMENTAL SERVICES, LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**702**
Total for Above County : (7 records)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**60**	**0**	**60**	**0**	**1,593**
WESTMORELAND	**CARRY-ON TRAILER CORP**							**159 INDUSTRIAL PARK RD -**				**NAICS Code**	**336212**
LEAD	N	1	0	1	0	0	1	0	0	0	0	0	53
Total for CARRY-ON TRAILER CORP		**1**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**53**
WESTMORELAND	**POTOMAC SUPPLY LLC**							**1398 KINSALE RD**				**NAICS Code**	**321114**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for POTOMAC SUPPLY LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 records)		**1**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**53**
WISE	**VIRGINIA CITY HYBRID ENERGY CENTER**							**3425 RUSSELL CREEK RD**				**NAICS Code**	**221112**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	3	3	0	0	3	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	117	117	0	0	28,717	0	0	0	0	0	0
MERCURY COMPOUNDS	N	0	0	0	0	0	350	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	0	9	9	0	0	9	0	0	0	0	0	0
Total for VIRGINIA CITY HYBRID ENERGY CENT		**0**	**129**	**129**	**0**	**0**	**29,079**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (4 records)		**0**	**129**	**129**	**0**	**0**	**29,079**	**0**	**0**	**0**	**0**	**0**	**0**

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Facility County/Independent City / Facility Name/Address / Chemical Name	form A*	On-Site Releases from Section 5 of Form R: Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	On-Site Management from Section 8 of Form R: Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	Off-Site Transfers from Section 6 of Form R: POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
YORK	**AFETA CAMP PEARY**							**1100 EXECUTIVE DRIVE**				**NAICS Code**	**928110**
LEAD	N	41	0	41	0	0	41	0	0	0	0	0	0
Total for AFETA CAMP PEARY		**41**	**0**	**41**	**0**	**0**	**41**	**0**	**0**	**0**	**0**	**0**	**0**
YORK	**PLAINS MARKETING LP YORKTOWN**							**2201 GOODWIN NECK RD**				**NAICS Code**	**424710**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	1
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	2
Total for PLAINS MARKETING LP YORKTOWN		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**
YORK	**U.S NAVY CHEATHAM ANNEX BASE**							**108 SANDA AVE BLDG 270**				**NAICS Code**	**928110**
LEAD	N	0	0	0	0	0	3,262	0	0	0	0	0	0
Total for U.S NAVY CHEATHAM ANNEX BASE		**0**	**0**	**0**	**0**	**0**	**3,262**	**0**	**0**	**0**	**0**	**0**	**0**
YORK	**US COAST GUARD TRAINING CENTER YORKTOWN**							**1 US COAST GUARD TRAINING CENTER**				**NAICS Code**	**926120**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	7,572
Total for US COAST GUARD TRAINING CENTER		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7,572**
YORK	**US NAVY YORKTOWN NAVAL WEAPONS STATION BASE**							**ROUTE 238**				**NAICS Code**	**928110**
LEAD	N	0	0	0	0	0	105	0	0	0	0	0	0
Total for US NAVY YORKTOWN NAVAL WEAPO		**0**	**0**	**0**	**0**	**0**	**105**	**0**	**0**	**0**	**0**	**0**	**0**
YORK	**YORKTOWN POWER STATION**							**1600 WATERVIEW RD -**				**NAICS Code**	**221112**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	34	34	0	1,440	1,474	0	0	0	0	24	15
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for YORKTOWN POWER STATION		**0**	**34**	**34**	**0**	**1,440**	**1,474**	**0**	**0**	**0**	**0**	**24**	**15**
Total for Above County : (9 records)		**41**	**34**	**75**	**0**	**1,440**	**4,882**	**0**	**0**	**0**	**0**	**24**	**7,590**

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APPENDIX H-1 - 2017 VA TRI NAICS Code Ranking by On-Site Releases

APPENDIX H-1 - 2017 VA TRI NAICS Code Ranking by On-Site Releases (Excludes Dioxin and Dioxin Like Compounds)

NAICS Subsector	General Type of Industry	Count	Total On-Site Release (Pounds)
325	Chemical Manufacturing	213	12,617,902
322	Paper Manufacturing	92	6,146,741
221	Utilities	115	3,191,875
311	Food Manufacturing	64	2,020,472
326	Plastics and Rubber Products Manufacturing	62	1,645,608
331	Primary Metal Manufacturing	55	1,256,304
332	Fabricated Metal Product Manufacturing	105	1,115,408
928	National Security & International Affairs	62	684,957
312	Beverage and Tobacco Product Manufacturing	13	493,416
337	Furniture and Related Product Manufacturing	17	340,599
	All Other NAICS	**530**	**998,107**
336	Transportation Equipment Manufacturing	63	259,211
327	Nonmetallic Mineral Product Manufacturing	110	233,937
321	Wood Product Manufacturing	63	217,115
323	Printing and Related Support Activities	14	89,060
424	Merchant Wholesalers, Nondurable Goods	122	51,202
334	Computer and Electronic Product Manufacturing	25	34,889
324	Asphalt Shingle and Coating Materials Manufacturing	2	20,390
325	Ethyl Alcohol Manufacturing	10	19,811
333	Machinery Manufacturing	24	19,558
335	Electrical Equipment, Appliance, and Component Manufacturing	14	14,890
331	Aluminum castings (except die-castings), unfinished, manufacturing	2	14,003
112	Other Poultry Production	1	9,100
339	Miscellaneous Manufacturing	7	7,756
922	Justice, Public Order, and Safety Activities	2	2,765
425	Wholesale Electronic Markets and Agents and Brokers	6	2,146
325	Medicinal and Botanical Manufacturing	2	939
313	Textile Mills	7	435
562	Waste Management and Remediation Services	20	338
314	Textile Product Mills	3	335
927	Space Research and Technology	3	106
336	Motor Vehicle Body Manufacturing	1	66

NAICS Subsector	General Type of Industry	Count	Total On-Site Release (Pounds)
212	Mining (Except Oil and Gas)	1	23
921	Executive, Legislative, and Other General Government Support	2	18
324	Petroleum and Coal Products Manufacturing	15	5
922	Other Justice, Public Order, and Safety Activities	1	5
321	Wood Container and Pallet Manufacturing	1	2
334	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables	1	1
922	Police Protection	2	0
334	Electronic Computer Manufacturing	1	0
454	Nonstore Retailers	4	0
926	Administration of Economic Programs	1	0

APPENDIX H-2 - 2017 VA TRI NAICS Code Ranking By On-Site Management

APPENDIX H-2 - 2017 VA TRI NAICS Code Ranking by On-Site Management (Excluded Dioxin and Dioxin Like Compounds)

NAICS Subsector	General Type of Industry	Count	Total On-Site Treatment (Pounds)
325	Chemical Manufacturing	213	714,758,433
322	Paper Manufacturing	92	53,839,219
311	Food Manufacturing	64	11,793,397
332	Fabricated Metal Product Manufacturing	105	8,250,963
326	Plastics and Rubber Products Manufacturing	62	8,138,032
221	Utilities	115	6,806,655
321	Wood Product Manufacturing	63	1,493,276
334	Computer and Electronic Product Manufacturing	25	1,482,556
336	Transportation Equipment Manufacturing	63	1,386,442
314	Textile Product Mills	3	854,594
	All Other NAICS	**523**	**2,035,331**
312	Beverage and Tobacco Product Manufacturing	13	429,382
928	National Security & International Affairs	62	363,107
339	Miscellaneous Manufacturing	7	362,549
112	Other Poultry Production	1	342,800
325	Ethyl Alcohol Manufacturing	10	237,394
327	Nonmetallic Mineral Product Manufacturing	110	144,222
331	Primary Metal Manufacturing	55	71,212
323	Printing and Related Support Activities	14	33,372
337	Furniture and Related Product Manufacturing	17	31,678
424	Merchant Wholesalers, Nondurable Goods	122	10,594
313	Textile Mills	7	6,079
335	Electrical Equipment, Appliance, and Component Manufacturing	14	2,415
927	Space Research and Technology	3	526
324	Petroleum and Coal Products Manufacturing	15	1
921	Executive, Legislative, and Other General Government Support	2	0
212	Mining (Except Oil and Gas)	1	0
334	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables	1	0
926	Administration of Economic Programs	1	0
922	Police Protection	2	0
336	Motor Vehicle Body Manufacturing	1	0

NAICS Subsector	General Type of Industry	Count	Total On-Site Treatment (Pounds)
922	Other Justice, Public Order, and Safety Activities	1	0
324	Asphalt Shingle and Coating Materials Manufacturing	2	0
922	Justice, Public Order, and Safety Activities	2	0
425	Wholesale Electronic Markets and Agents and Brokers	6	0
333	Machinery Manufacturing	24	0
331	Aluminum castings (except die-castings), unfinished, manufacturing	2	0
334	Electronic Computer Manufacturing	1	0
562	Waste Management and Remediation Services	20	0
454	Nonstore Retailers	4	0
325	Medicinal and Botanical Manufacturing	2	0
321	Wood Container and Pallet Manufacturing	1	0

APPENDIX I-1 - 2017 VA TRI Facility Ranking By On-Site Releases

APPENDIX I-1 - 2017 VA TRI FACILITY RANKING BY ON-SITE RELEASES (Excludes Dioxin and Dioxin-like Compounds)

Rank	Facility Name	Total On-Site Releases (lbs)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
1	Bae Systems, Ordnance Systems Inc.	9,223,535	Radford Army Ammunition Plant 4050 Peppers Ferry R	Radford	Montgomery	24141RDFRDPOBOX
2	Westrock Virginia Corporation (Entire)	2,641,806	104 E. Riverside Street	Covington	Covington (City)	24426WSTVCRIVER
3	Advansix Inc. Hopewell Plant	1,443,429	905 E Randolph Rd -	Hopewell	Hopewell (City)	23860LLDSGPOBOX
4	International Paper Franklin Mill	1,381,843	34040 Union Camp Dr	Franklin	Isle Of Wight	23851NNCMPHIGHW
5	Jewell Coke Co LP	1,208,177	1034 Dismal River Rd	Oakwood	Buchanan	24656JWLLCHWY46
6	Perdue Farms Accomac Processing Plant	1,146,586	22520 Lankford Hwy	Accomac	Accomack	23301PRDNCROUTE
7	Chesterfield Power Station	1,010,054	500 Coxendale Rd -	Chester	Chesterfield	23836CHSTR500CO
8	Virginia City Hybrid Energy Center	990,593	3425 Russell Creek Rd	Saint Paul	Wise	2428WVRGNC3425R
9	Rocktenn CP, LLC	853,468	1901 Main St	West Point	King William	23181CHSPK19THM
10	Clover Power Station	732,373	4091 Clover Rd -	Clover	Halifax	24534CLVRPRTE92
11	Ashland Specialty Ingredients GP	575,270	1111 Hercules Rd -	Hopewell	Hopewell (City)	23860QLNCM1111H
12	CPFilms - Plant II	558,156	4129 The Great Rd	Fieldale	Henry	24089MRTNPRTE68
13	BWXT Nuclear Operations Group, Inc.	505,926	1570 Mount Athos Rd	Lynchburg	Campbell	24504BBCCKMTATH
14	Westrock CP, LLC	492,060	910 Industrial St	Hopewell	Hopewell (City)	23860STNHP910IN

Rank	Facility Name	Total On-Site Releases (lbs)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
15	Ball Metal Beverage Container Corp	482,000	8935 Pocahontas Trail James River Commerce Center	Williamsburg	James City	23185BLLPC8935P
16	Church & Dwight Co Inc.	460,459	1851 Touchstone Rd	Colonial Heights	Chesterfield	23834LDNCR16101
17	Georgia-Pacific Big Island Mill	445,268	9363 Lee-Jackson Hwy -	Big Island	Bedford	24526NKSPCHIGHW
18	Greif Packaging LLC	332,296	861 Fibre Plant Rd	Amherst	Amherst	24521VRGNFROUTE
19	DuPont Spruance Plant	328,118	U.S. Hwy 1 At Cogbill Rd	Richmond	Chesterfield	23234DPNTSUSHIG
20	Philip Morris USA Park 500 Site	323,067	4100 Bermuda Hundred Rd	Chester	Chesterfield	23831PHLLP4100B
21	Doswell LP	307,146	10098 Old Ridge Rd	Ashland	Hanover	23005DSWLL10098
22	Honeywell International Colonial Heights Plant	278,018	15801 Woods Edge Rd	Colonial Heights	Chesterfield	23832LLDSGEXIT5
23	Celanese Acetate LLC - Celco Plant	254,594	3520 Virginia Ave	Narrows	Giles	24124HCHSTRT460
24	Perdue Farms Inc. - Chesapeake Grain	226,560	501A Barnes Rd	Chesapeake	Chesapeake (City)	23324CRGLL501BA
25	Joint Base Langley Eustis-Eustis (JBLE-Eustis)	210,148	705 Washinton Blvd	Fort Eustis	Newport News (City)	23604SDDSRFORTE
26	Smithfield-Smithfield Facility (North)	202,981	601 N Church St	Smithfield	Isle Of Wight	23430GWLTNHIGHW
27	Masco Cabinetry	173,139	1325 Industrial Park Rd	Mount Jackson	Shenandoah	22842MRLLTSTATE

Rank	Facility Name	Total On-Site Releases (lbs)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
28	US Army National Guard Fort Pickett (Installation)	155,158	US Pfo Building 316 Fort Pickett	Blackstone	Nottoway	23824SRMYM316RI
29	Ingevity Virginia Corporation	132,319	958 E Riverside St	Covington	Covington (City)	2442WNGVTY958ER
30	DuPont Teijin Films	123,144	3600 Discovery Dr	Chester	Chesterfield	23860CMRCSBERMU
31	Pentagon Reservation	121,514	2 N Rotary Rd -	Arlington	Arlington	2220WPNTRSNRTAR
32	Huntington Ingalls Incorporated	120,979	4101 Washington Ave	Newport News	Newport News (City)	23607NWPRT4101W
33	Mondelez Global LLC	119,540	6002 S Laburnum Ave -	Richmond	Richmond	23231NBSCB6002S
34	Aquatic CO	110,760	1100 Industrial Park Rd Halifax Industrial Park	South Boston	Halifax	24592PHLPSPOBOX
35	Kinyo Virginia Inc.	100,320	290 Enterprise Dr	Newport News	Newport News (City)	23603KNYVR290EN
36	Intertape Polymer Corp	90,189	1101 Eagle Springs Rd	Danville	Pittsylvania	24540NTRTPSTATE
37	Tyson Farms Inc.-Temperanceville	88,907	11224 Lankford Hwy	Temperanceville	Accomack	23442HLLYFUSHIG
38	Georgia-Pacific Wood Products LLC - Brookneal OSB	88,703	11795 Brookneal Highway	Gladys	Campbell	24554GRGPCHIGHW
39	Huber Engineered Woods LLC	83,281	1000 Chaney Ln	Crystal Hill	Halifax	24539JMHBRRT3HW
40	JTI Leaf Services (US) LLC	77,341	202 Stinson Drive	Danville	Pittsylvania	2454WJTLFS22STI

Rank	Facility Name	Total On-Site Releases (lbs)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
41	VPGC LLC Hinton Facility	76,836	6349 Rawley Pike Hwy 33 We	Hinton	Rockingham	22831WMPLRUSRT3
42	Lhoist Na Of Virginia Inc. Kimballton Area 1	73,786	2093 Big Stony Creek Rd	Ripplemead	Giles	24150CHMCL2093B
43	Virginia Marble Manufacturers Inc.	64,320	Corner Of Brunswick & Oak St	Kenbridge	Lunenburg	23944VRGNMCORNE
44	Dynax America Corp	60,749	568 E Park Dr	Roanoke	Botetourt	24019DYNXM568EP
45	Vaughan-Bassett Furniture Co. Galax	59,527	300 E Grayson St	Galax	Carroll	24333VGHNBOLDTO
46	Norcraft Companies	59,500	1 Millrace Dr	Lynchburg	Lynchburg (City)	24502STRMR1MILL
47	Mica Co Of Canada Inc.	58,349	900 Jefferson Ave	Newport News	Newport News (City)	23607MCCMP900JE
48	Appalachian Plastics Inc.	56,225	34001 Glove Dr	Glade Spring	Washington	24340PPLCHPOBOX
49	Yorktown Power Station	55,574	1600 Waterview Rd -	Yorktown	York	23692YRKTW1600W
50	Kingspan Insulation LLC	49,342	172 Pactiv Way	Winchester	Frederick	22601MCFMPROUTE
51	US Army Fort AP Hill Garrison (Part)	48,460	19952 N Range Rd	Bowling Green	Caroline	22427SRMYF18902
52	Virginia Marble Manufacturers Inc.	48,172	1201 5Th Ave	Kenbridge	Lunenburg	23944VRGNMPOBOX
53	Roanoke Cement Co LLC	47,507	6071 Catawba Rd	Troutville	Botetourt	24175RNKCM5555C
54	Millercoors-Shenandoah	46,727	5135 S Eastside Hwy	Elkton	Rockingham	22827DLPHCROUTE
55	George’s Chicken LLC	41,400	19992 Senedo Rd	Edinburg	Shenandoah	22824RCCFRRTE42

Rank	Facility Name	Total On-Site Releases (lbs)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
56	Tyson Farms Inc. - Processing Facility	40,826	13264 Mountain Rd	Glen Allen	Hanover	20360HLLYF3301U
57	General Shale Brick Inc. Plant 35 & 36	39,500	2353 Webster Rd	Roanoke	Botetourt	24064GNRLS770WE
58	U.S. Navy Norfolk Naval Shipyard	38,830	Intersection Of Effingham St & George Washington H	Portsmouth	Portsmouth (City)	23709SDDSNINTER
59	Plains Marketing LP Yorktown	38,304	2201 Goodwin Neck Rd	Yorktown	York	23692MCLCM2201G
60	Possum Point Power Station	36,881	19000 Possum Point Rd -	Dumfries	Prince William	22026PSSMP19000
61	LSC Communications / Lynchburg	36,018	4201 Murray Pl	Lynchburg	Lynchburg (City)	24506MRDTH4201M
62	Strongwell Corp Bristol	35,758	400 Commonwealth Ave	Bristol	Bristol (City)	24203MRRSN400CO
63	US Navy Naval Station Norfolk	35,041	1530 Gilbert St Suite 2000	Norfolk	Norfolk (City)	23511NVLBS1530G
64	Griffin Pipe Products Co	33,261	10 Adams St	Lynchburg	Lynchburg (City)	24505GRFFNADAMS
65	Danchem Technologies Inc.	32,854	1975 Old Richmond Rd	Danville	Pittsylvania	24540DNRVRSTATE
66	Colonna's Shipyard Inc.	31,895	400 E Indian River Rd	Norfolk	Norfolk (City)	23523CLNNS400EI
67	Georgia Pacific Wood Products LLC Emporia Plywood	31,595	634 Davis St	Emporia	Greensville	23847GRGPCDAVIS

Rank	Facility Name	Total On-Site Releases (lbs)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
68	Axalta Coating Systems LLC-Front Royal Plant	31,166	7961 Winchester Rd	Front Royal	Warren	22630DPNTFPOBOX
69	Spruance Genco LLC	30,898	5001 Commerce Rd	Richmond	Richmond (City)	23234CGNTR5001C
70	Philip Morris USA Commerce Road Site	29,396	3601 Commerce Rd	Richmond	Richmond (City)	23234PHLLP3601C
71	Solenis LLC	28,100	27123 Shady Brook Trail	Courtland	Southampton	23851HRCLSROUTE
72	Akzo Nobel Coatings Inc.	27,710	2837 Roanoke Ave SW	Roanoke	Roanoke (City)	24015RLNCN2837R
73	Fujifilm Wako Chemicals USA Corporation	26,400	1600 Bellwood Rd	Richmond	Chesterfield	23237WKCHM1600B
74	US Marine Corps Base Quantico Range Complex	25,037	3250 Catlin Ave	Quantico	Prince William	22134SDDSM3040M
75	Micron Technology Inc.	23,321	9600 Godwin Dr	Manassas	Prince William	20110DMNNS9600G
76	Valley Proteins Inc.-Winchester Facility	21,710	1635 Indian Hollow Rd	Winchester	Frederick	22603VLLYP1444I
77	Bridgewater Processing Plant Facility #08	21,294	100 Quality St.	Bridgewater	Rockingham	22812PRDNC100QU
78	Masco Cabinetry LLC	21,266	641 Maddox Dr	Culpeper	Culpeper	22701WDCBN641MA
79	U.S. Navy Naval Air Station Oceana Range	20,407	1750 Tomcat Blvd	Virginia Beach	Virginia Beach (City)	23460SNVLROCEAN
80	Onduline Na	20,390	4900 Ondura Dr	Fredericksburg	Spotsylvania	22401NDLNN4900O

Rank	Facility Name	Total On-Site Releases (lbs)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
81	Alliant Techsystems Operations LLC (New River Energetics)	20,225	Rt 114 Radford Army Ammunition Plant	Radford	Montgomery	24141NWRVRRTE11
82	US/Navy Naval Support Activity Northwest Annex Range	20,146	1320 NW Blvd Suite 100	Chesapeake	Chesapeake (City)	23322SNVYN132NW
83	LSC Communications / Harrisonburg N	19,618	2347 Kratzer Rd -	Harrisonburg	Rockingham	22801RRDNN1400K
84	Hapco	19,555	26252 Hillman Highway	Abingdon	Washington	2421WHPCXX26252
85	Merck Sharp & Dohme Corp.	17,990	2778 Se Side Hwy	Elkton	Rockingham	22827MRCKCHIGHW
86	River Pools And Spas	17,918	196 Selftown Rd	Warsaw	Richmond	2257WRVRPL196SE
87	Wolverine Advanced Materials	17,705	3175 State St -	Blacksburg	Montgomery	24060WLVRN3175S
88	Anheuser-Busch LLC	16,885	7801 Pocahontas Trail -	Williamsburg	James City	23185NHSRB7801P
89	Ardagh Metal Packaging USA Inc.	16,350	5022 Hollins Rd	Roanoke	Roanoke (City)	2401WRDGHM522HL
90	Ennis-Flint Richmond	16,185	4400 Vawter Ave	Richmond	Henrico	23222DGLSC4400V
91	Green Plains Hopewell LLC	15,760	701 S 6Th Ave -	Hopewell	Prince George	2386WPPMTT71S6T
92	Carry-On Trailer Corp	15,066	159 Industrial Park Rd -	Montross	Westmoreland	22520CRRYN159IN
93	New Millennium Building Systems	14,827	100 Diuguids Lane	Salem	Roanoke	24153JHNWH2535D

Rank	Facility Name	Total On-Site Releases (lbs)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
94	Bassett Plant 11	14,730	Patriot Centre At Beaver Creek	Martinsville	Henry	24112BSSTTPATRI
95	Valley Proteins Inc. Linville Facility	14,725	6230 Kratzer Rd	Linville	Rockingham	22834VLLYP623KR
96	Ball Advanced Aluminum Technologies Corp	14,003	56 Dunsmore Rd	Verona	Augusta	24482NMNSLLAURE
97	Bellemeade Power Station	14,000	1860 Commerce Rd -	Richmond	Richmond (City)	23224BLLMD1860C
98	Bellwood Printing Plant	13,221	2001 Reymet Rd	Richmond	Chesterfield	23237BLLWD2001R
99	Omega Protein Inc.	13,126	610 Menhaden Rd	Reedville	Northumberland	22530ZPTHYPOBOX
100	Steelfab Of Virginia Inc.	13,099	1510 Reese St	Emporia	Greensville	23847STFBF1510R
101	NIBCO Of Virginia Inc.	12,441	131 Johnson Drive	Stuarts Draft	Augusta	24477NBCNCROUTE
102	Elkay Wood Products Co	12,427	2000 Cane Creek Pkwy	Ringgold	Pittsylvania	24586YRKTW2CANE
103	Bae Systems Norfolk Ship Repair	11,341	750 W Berkley Ave	Norfolk	Norfolk (City)	23501NRFLKFOOTO
104	CPFilms, Inc.	11,136	345 Beaver Creek Dr	Martinsville	Henry	24112CMMNW345BE
105	Consolidated Glass & Mirror, LLC - Plant 2	11,109	110 Jack Guynn Dr	Galax	Galax (City)	24333CNSLD110JA
106	QG Printing Ii Corp	10,883	160 Century Ln Stonewall Industrial Park	Winchester	Frederick	22603QBCRW16CEN
107	Federal-Mogul Corp	10,432	300 Industrial Park Rd Se	Blacksburg	Montgomery	24060FDRLMRT460
108	Veolia James River	9,831	1201 Bellwood Rd	Richmond	Chesterfield	23237DPNTJ1201B

Rank	Facility Name	Total On-Site Releases (lbs)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
	Plant					
109	Wolverine Advanced Materials	9,580	201 Industrial Park Rd -	Blacksburg	Montgomery	24060WLVRN201IN
110	Stihl Inc.	9,427	536 Viking Dr	Virginia Beach	Virginia Beach (City)	23450STHLN536VI
111	O'Sullivan Films Inc.	9,254	1944 Valley Ave -	Winchester	Winchester (City)	22601SLLVN1944V
112	New Market Poultry LLC	9,100	145 Old East Cross Road -	New Market	Shenandoah	2284WNWMRK145LD
113	Volvo Group North America, LLC	8,646	4881 Cougar Trail Road	Dublin	Pulaski	24084VLVGMROUTE
114	Bear Garden Generating Station	8,520	2608 C.G. Woodson Road -	New Canton	Buckingham	2312WBRGRD268CG
115	BASF Corp	8,146	2301 Wilroy Rd	Suffolk	Suffolk (City)	23434LLDCL2301W
116	Fiberglass Engineering Co	8,100	5019 Airport Rd	Midland	Fauquier	22728FBRGLWARRE
117	Sterilization Services Of Virginia	7,749	5674 Eastport Blvd -	Richmond	Richmond (City)	23231STRLZ5674E
118	RPS Composites Virginia, Inc.	7,672	211 E 4Th St	Front Royal	Warren	22630SHNND210E4
119	Virginia Transformer Corp	7,401	201 Transformer Way	Troutville	Botetourt	2417WVRGNT21TRA
120	Virginia Transformer Corp.	7,318	220 Glade View Dr Ne -	Roanoke	Roanoke	24012VRGNT220GL
121	A&AT LLC-Waynesboro Facility	7,018	400 Du Pont Blvd	Waynesboro	Augusta	22980DPNTWDUPON

Rank	Facility Name	Total On-Site Releases (lbs)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
122	TTM Technologies North America, LLC.	7,002	1200 Severn Way	Dulles	Loudoun	22170TMTNC1200S
123	Aleris Rolled Products Inc.	6,816	1701 Reymet Rd	Richmond	Chesterfield	23237TRNST1801R
124	Carpenter Co Richmond Plant	6,745	2400 Jefferson Davis Hwy -	Richmond	Richmond (City)	23234RCRPN2400J
125	Stella Jones Corp-Goshen Facility	6,716	9223 Maury River Rd	Goshen	Rockbridge	24439THBRKSTATE
126	American GFM Corp	6,696	1200 Cavalier Blvd	Chesapeake	Chesapeake (City)	23323MRCNG1200C
127	Slocum Adhesives Corp	6,410	1409 Buchanan St	Lynchburg	Lynchburg (City)	24501SLCMC1409B
128	Metl-Span, A Division Of NCI Group, Inc.	6,090	6001 Quality Way -	Prince George	Prince George	23875MTLSP6001Q
129	Valmont-Virginia Galvanizing Inc.	6,036	3535 Halifax Rd	Petersburg	Petersburg (City)	23805NDSTR3535H
130	Arkema Inc.	5,760	601 Tightsqueeze Industrial Rd	Chatham	Pittsylvania	24531SRTMR601TI
131	Birchwood Power Facility	5,573	10900 Birchwood Dr	King George	King George	22547BRCHW10900
132	UPACO Adhesives Inc.	5,070	4105 Castlewood Rd	Richmond	Richmond (City)	23234PCDHS4105C
133	Allied Aviation Fueling Co Inc.	4,691	Ronald Reagan National Airport	Arlington	Arlington	22202GDNVTRONAL
134	South Atlantic Galvanizing LLC	4,664	11022 Lewistown Rd -	Ashland	Hanover	23005VRGNGSTATE
135	Canon Virginia Inc.	4,564	12000 Canon Blvd	Newport News	Newport News (City)	23606CNNVR12000

Rank	Facility Name	Total On-Site Releases (lbs)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
136	Cadmus Specialty Publications	4,312	2901 Byrdhill Rd	Richmond	Henrico	23228WLLMB2901B
137	Davis-Frost Inc.	4,148	3416 Candlers Mountain Rd	Lynchburg	Lynchburg (City)	24506DVSPN3420C
138	KMX Chemical Corp	4,051	30474 Energy Dr	New Church	Accomack	23415NWCHRRT709
139	Howmet Castings & Services Inc.	3,963	One Howmet Dr	Hampton	Hampton (City)	23661HWMTCONEHO
140	LSC Communications / Strasburg	3,787	One Shenandoah Valley Dr -	Strasburg	Shenandoah	22657SHNNDROUTE
141	Yokohama Tire Manufacturing Virginia LLC	3,673	1500 Indiana St	Salem	Roanoke	24153MHWKR1500I
142	Strongwell Corp Highlands Div	3,429	26770 Newbanks Rd	Abingdon	Washington	24210STRNG26770
143	Polynt Composites USA Inc.	3,348	920 Tightsqueeze Industrial Rd -	Chatham	Pittsylvania	24531FRMNRPITTS
144	Steel Dynamics Inc. Roanoke Bar Div	3,313	102 Westside Blvd	Roanoke	Roanoke (City)	24017RNKLC102WE
145	Rexnord Industries LLC	3,290	150 Johnson Dr	Stuarts Draft	Augusta	24477PTCMPRTS34
146	U.S Navy Cheatham Annex Base	3,262	108 Sanda Ave Bldg 270	Williamsburg	York	23185SNVYC18SAN
147	U.S. Amines (Portsmouth) LLC	3,235	3230 W Norfolk Rd	Portsmouth	Portsmouth (City)	23703CLNSC3230E
148	Koppers Inc. (Roanoke)	3,006	4020 Koppers Rd	Salem	Roanoke	24153KPPRSRT460
149	Boar’s Head-Petersburg	3,005	1950 Industry Place	Petersburg	Petersburg (City)	23805BRSHD195IN

Rank	Facility Name	Total On-Site Releases (lbs)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
150	Pilgrim's Pride Corp Broadway Facility	2,960	330 Co-Op Dr	Timberville	Rockingham	22853RCKNGCOOPD
151	U.S. Army Garrison Fort Lee VA - Ranges	2,807	825, 19Th Street, Bldg 6005	Fort Lee	Prince George	23801SRMYC3901A
152	U.S. Navy Joint Expeditionary Little Creek Base	2,443	2600 Tarawa Ct Suite 100	Norfolk	Norfolk (City)	23521SDDSN2600T
153	Wood Preservers Inc.	2,352	15939 History Land Hwy	Warsaw	Richmond	22572WDPRSROUTE
154	US Defense Logistics Agency Defense Supply Center Richmond	2,146	8000 Jefferson Davis Hwy	Richmond	Chesterfield	23297DFNSG8000J
155	Chemsolv Inc.	1,936	1140 Industry Ave Se	Roanoke	Roanoke (City)	24013CHMSL1140I
156	ASIG Fueling Operations Wash Dulles International Airport	1,820	Tank Farm Rd Building 2	Sterling	Loudoun	20166RBPXXBUILD
157	Commonwealth Galvanizing	1,739	10988 Leadbetter Rd -	Ashland	Hanover	2300WCMMNW1988L
158	Evonik Industries	1,667	914 E Randolph Rd -	Hopewell	Hopewell (City)	23860GLDSC914ER
159	Azz Galvanizing-Bristol	1,582	14781 Industrial Park Rd	Bristol	Washington	24201VSBRS795IN
160	Accellent	1,542	200 S. Yorkshire Street	Salem	Roanoke	24153NBLMT200SY
161	Motiva Fairfax Terminal	1,536	3800 Pickett Rd	Fairfax	Fairfax (City)	22031FRFXT3800P
162	Cameron Chemical Inc.	1,515	830 Old Dill Rd.	Suffolk	Suffolk (City)	2343WCMRNC83LDD

Rank	Facility Name	Total On-Site Releases (lbs)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
163	US Penitentiary Lee	1,440	Lee County Industrial Park Hickory Flats Rd	Pennington Gap	Lee	24277SPNTNLEECI
164	Federal Correctional Complex	1,326	1060 River Rd	Hopewell	Prince George	23860BRFPR16RIV
165	CPFilms Inc.-Plant 1	1,186	4210 The Great Rd	Fieldale	Henry	24089MRTNPROUTE
166	RTI Martinsville Inc.	1,151	101 RTI Way	Martinsville	Henry	2411WRTMRT11RTI
167	Degesch America Inc.	1,088	153 Triangle Dr	Weyers Cave	Augusta	24486DGSCH275TR
168	Kinder Morgan Transmix Company, LLC	1,026	3302 Deepwater Terminal Rd	Richmond	Richmond (City)	23234PRMRY3302D
169	Pine Products Inc.	968	315 Carver Rd	Martinsville	Henry	24112PNPRD315CA
170	IR Engraving LLC	957	5901 Lewis Rd	Sandston	Henrico	23150RNTRN5901L
171	Ampac Fine Chemicals Virginia, LLC	939	2820 N Normandy Dr	Petersburg	Petersburg (City)	2380WMPCFN282NN
172	Univar USA Inc. Chester Facility	879	1001 Old Bermuda Hundred Rd	Chester	Chesterfield	23836PRLLM1001O
173	Hutchinson Sealing Systems Inc.	828	1150 S Third St	Wytheville	Wythe	24382KNGST1150S
174	PAPCO Inc.	824	4920 Southern Blvd -	Virginia Beach	Virginia Beach (City)	2346WPPCNC492SU
175	US Navy Defense Fuel Support Point Craney Island	819	4501 Cedar Ln Bldg 288	Portsmouth	Portsmouth (City)	23703CRNYS4501C
176	Mar-Bal, Inc.	736	5400 Reserve Way	Dublin	Pulaski	24084MRBLN5400R
177	Chaparral (VA) Inc.	688	25801 Hofheimer	Petersburg	Dinwiddie	23803CHPRR25801

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			Way -			
178	Dominion Chemical Co Inc.	510	2050 Puddledock Rd	Petersburg	Petersburg (City)	23803DMNNC2050P
179	Parker Hannifin Integrated Sea Ls Division	509	3700 Mayflower Dr	Lynchburg	Campbell	24501WYNNS3700M
180	Arkema Inc. Franklin Plant	500	27047 Shady Brook Trail	Courtland	Southampton	2383WRKMNC2747S
181	Accutec Blades, Inc.	499	57 Razor Blade Ln	Verona	Augusta	24482MRCNSRAZOR
182	Pre Con Inc.	435	220 S Perry St	Petersburg	Petersburg (City)	23803PRCNN220SP
183	Morgan Lumber Company, Inc.	431	628 Jeb Stuart Highway -	Red Oak	Charlotte	2396WMRGNL628JE
184	TCS Materials Richmond Plant	382	2100 Deepwater Terminal Road	Richmond	Richmond (City)	2322WTCSMT21DEE
185	Virginia Concrete Dulles Plant	371	44866 Old Ox Rd	Sterling	Loudoun	22170VRGNC44866
186	The Goodyear Tire & Rubber Co.	366	1901 Goodyear Blvd	Danville	Danville (City)	24541THGDY1435G
187	Redland Brick Inc.-Lawrenceville Plant	363	16024 Governor Harrison Pkwy -	Lawrenceville	Brunswick	23868BRCKTHWY58
188	US Navy Joint Expeditionary Fort Story Range	360	300 Guadalcanal Rd	Virginia Beach	Virginia Beach (City)	2345WSNVYJ3GUAD
189	Tecton Products LLC	355	5415 Corporate Cir	Salem	Roanoke	24153TCTNP5415C
190	Titan Wheel Corp Of Virginia	338	227 Allison Gap Rd	Saltville	Smyth	24370TDWHL227AL

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191	Mehler Engineered Products	335	175 Mehler Ln	Martinsville	Henry	24112MHLRN175ME
192	Virginia Concrete Gainesville Plant	313	7300 Rail Line Ct	Gainesville	Prince William	2015WVRGNC73RAI
193	Sicpa Securink Corp	312	8000 Research Way	Springfield	Fairfax	22153SCPVR8000R
194	TCS Materials Chester Plant	302	12020 Old Stage Road	Chester	Chesterfield	2383WTCSMT122LD
195	Virginia Concrete Shirlington Plant	288	2651 Shirlington Rd	Arlington	Arlington	22206VRGNC2651S
196	Bleachtech LLC	265	2020 Bessemer Rd	Petersburg	Petersburg (City)	23805BLCHT22BES
197	Southern Graphic Systems LLC	263	5301 Lewis Rd	Sandston	Henrico	23150STHRN531LE
198	MXI Environmental Services, LLC	250	26319 Old Trail Rd (St Rte 679)	Abingdon	Washington	2421WMXNVR26319
199	Owens-Brockway Glass Container Inc. Plant 29	245	29 Glassblower Ln	Ringgold	Pittsylvania	24586WNSBRSTATE
200	Newington Concrete Plant	236	8413 Terminal Rd	Lorton	Fairfax	22122NWNGT8413T
201	Virginia Concrete Edsall Road Plant	229	5412 Industrial Dr	Springfield	Fairfax	22151VRGNC6995E
202	O-N Minerals (Chemstone) Winchester Lime Plant	175	508 Quarry Ln	Clear Brook	Frederick	22624GLBLSONEQU
203	Mecklenburg Power Station	163	204 Cogen Dr	Clarksville	Mecklenburg	23927MCKLN204CO
204	ABB Inc.	158	2135 Philpott Rd	South Boston	Halifax	24592WSTNGHIGHW

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205	PAPCO Oil Company	150	407 Jefferson Avenue -	Newport News	Newport News (City)	2360WPPCLC47JEF
206	Stafford Plant	141	169 Wyche Rd -	Stafford	Stafford	2255WSTFFR169WY
207	US Army National Guard CTC Camp Pendleton (Ranges)	137	203 Red Horse Drive	Virginia Beach	Virginia Beach (City)	2345WCTCCM23RED
208	US Navy Nwsy Defense Fuel Supply Point Yorktown	131	Nwsy Defense Fuel Supply Point - Route 238	Yorktown	York	23690SNVYDYRKTW
209	Titan Virginia Ready-Mix LLC-Sterling Plant	123	22963 Concrete Plaza	Sterling	Loudoun	2016WTTNVR22963
210	Electroplate-Rite Corp	117	5529 Lee Hwy -	Dublin	Pulaski	24084LCTRPUSRTE
211	U.S. Nasa GSFC Wallops Flight Facility	106	34200 Fulton Street	Wallops Island	Accomack	23337SNSGDWALLO
212	US Navy Yorktown Naval Weapons Station Base	105	Route 238	Yorktown	York	2369WSNVYYRUTE2
213	City Point Energy Center	100	912 E Randolph Rd	Hopewell	Hopewell (City)	23860JMSRV912ER
214	United States Gypsum Co	95	1424 S Main St	Norfolk	Norfolk (City)	23523NTDST1001B
215	U.S. DOD, USAF, Joint Base Langley Eustis - Langley AFB	92	633 CES/CEIE 37 Sweeney Blvd	Langley AFB	Hampton (City)	23665SRFRC1CESC
216	Samuel Pressure Vessel Group - Lebanon	89	58 Samuel Way	Lebanon	Russell	2426WSTLFB58SAM

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217	Ge Alstom Richmond Service Center	87	1200 Willis Rd	Richmond	Chesterfield	23237LSTMP1200W
218	Capital Concrete Inc.	84	400 Stapleton St	Norfolk	Norfolk (City)	2350WCPTLC4STAP
219	Titan Virginia Ready-Mix LLC-Campostella Plant	73	2125 Kimball Terrace	Norfolk	Norfolk (City)	2350WTTNVR2125K
220	TMS International, LLC	71	25805 Hofheimer Way	Petersburg	Dinwiddie	23803MSDVT2585H
221	Altec Industries, Inc.	66	325 South Center Drive	Daleville	Botetourt	2408WLTCND325SU
222	Titan Virginia Ready-Mix LLC-Springfield Plant	65	6600 Electronic Dr	Springfield	Fairfax	22151STHRN6600E
223	Modine Manufacturing Co	58	1221 Magnolia Ave	Buena Vista	Rockbridge	24416MDNMN1221M
224	Graham-White Manufacturing Co.	53	1242 Colorado St	Salem	Roanoke	24153GRHMW1242C
225	Nordson Xaloy Inc.	48	102 Xaloy Way -	Pulaski	Pulaski	24301XLYNC101XA
226	AFETA Camp Peary	41	1100 Executive Drive	Williamsburg	York	2318WFTCMP11EXE
227	Mechanicsville Concrete LLC-Airport Plant (Oakleys Lane)	39	4481 Oakleys Ln	Henrico	Henrico	2322WMCHNC4481A
228	Titan Virginia Ready-Mix LLC-Centreville Plant	35	15718 Lee Hwy	Centreville	Fairfax	2202WTTNVR15718

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229	Bingham & Taylor	34	601 Nalle Pl	Culpeper	Culpeper	2270WBNGHM61NAL
230	Owens-Brockway Glass Container Inc. Plant 26	29	150 Industrial Blvd	Toano	James City	23168WNSLL150IN
231	King George Plant	28	13250 James Madison Parkway -	King George	King George	2248WKNGGR1325J
232	Arbortech Forest Products, Inc.	26	500 Dearing Avenue	Blackstone	Nottoway	2382WRBRTC5DEAR
233	Howell Metal Co	26	574 Depot Rd -	New Market	Shenandoah	22844HWLLM574DE
234	Utility Trailer Manufacturing Co	24	124 Mountain Empire Rd	Atkins	Smyth	24311TLTYTSTATE
235	Kyanite Mining Corp Mullite Plant	23	5836 Buffalo Road -	Dillwyn	Buckingham	23936KYNTMRTE15
236	AGC Flat Glass Na Abingdon Plant	20	18370 Oak Park Dr	Abingdon	Washington	24210FGCTN1837A
237	Medeco Security Locks Inc.	19	3625 Allegheny Dr	Salem	Roanoke	24153MDCSCUS11A
238	U.S. DOJ FBI Training Academy	18	Mcb-4 Building 15-Fmu	Quantico	Stafford	22135SDJFBMCB4B
239	Associated Asphalt Roanoke, LLC	17	2677 Roanoke Ave SW	Roanoke	Roanoke (City)	24015SSCTD2677R
240	O-N Minerals (Chemstone) Strasburg Lime Plant	17	1696 Oranda Rd	Strasburg	Shenandoah	22657GLBLS1696O
241	Utility Trailer Manufacturing Co	17	13160 Monroe Rd	Glade Spring	Washington	2434WTLTYT1316M

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242	Mechanicsville Concrete LLC-Petersburg Plant	15	26317 Simpson Rd	Petersburg	Dinwiddie	2380WMCHNC26317
243	Associated Asphalt Bristol, LLC	14	10 Spurgeon Lane	Bristol	Bristol (City)	2420WSSCTD1SPUR
244	Ge Drives & Controls	13	1501 Roanoke Blvd	Salem	Salem (City)	24153DRVSY1501R
245	Blue Ridge Fiberboard	13	250 Celotex Dr	Danville	Pittsylvania	24543WDFBRMASON
246	Sun Chemical Corp	12	16000 Continental Blvd -	Colonial Heights	Colonial Heights (City)	23834SNCHM16000
247	US Coast Guard Base Portsmouth	12	4000 Coast Guard Blvd	Portsmouth	Portsmouth (City)	23701SDTSC4000C
248	Cox Wood Of Virginia	11	2960 Cox Rd -	Blackstone	Nottoway	23824TYLRRHIGHW
249	Tempur Production USA Inc.	10	203 Tempurpedic Dr	Duffield	Scott	24244TMPRP4700B
250	Catalina Cylinders Inc.	10	2400 Aluminum Ave	Hampton	Hampton (City)	23666CTLNC2400A
251	Voestalpine High Performance Metals - South Boston Plant	10	2306 Eastover Dr -	South Boston	Halifax	24592CKCMPSTATE
252	Metalsa Roanoke Inc.	8	184 Vista Dr	Roanoke	Botetourt	24019TWRTM184VI
253	Safety-Kleen Systems Manassas (Man)	8	11520 Balls Ford Rd	Manassas	Prince William	22110SFTYK11520
254	American Buildings Company-La Crosse	8	501 Golden Eagle Dr	La Crosse	Mecklenburg	23950MRCNB51GLD
255	Atlantic Pole & Piling - Newsoms	7	21366 General Thomas Hwy -	Newsoms	Southampton	23874TLNTCRTE67

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256	Hoover Treated Wood Products, Inc.	7	18315 House Dr	Milford	Caroline	22514HVRTRCAROL
257	TE Connectivity	6	751 Old Brandy Rd	Culpeper	Culpeper	22701THRCH751OL
258	Murphy-Brown LLC Waverly Feed Mill	6	27404 Cabin Point Rd -	Waverly	Sussex	23890MRPHY27404
259	Everbrite LLC	6	627 E 30Th St -	Buena Vista	Buena Vista (City)	24416VRBRT627EA
260	Chantilly Ready Mix Concrete	6	25232 Willard Road -	Chantilly	Loudoun	2015WCHNTL25232
261	Novozymes	5	420 Kesler Mill Rd	Salem	Roanoke	24153NVZYM42KES
262	US Army Garrison Fort Belvoir	5	9430 Jackson Loop -	Fort Belvoir	Fairfax	2206WSRMYF943JA
263	Land-O-Sun Dairies LLC (Dba Pet Dairy) Richmond	5	1505 Robin Hood Rd	Richmond	Richmond (City)	23220RCHFD1505R
264	Safety-Kleen Systems Vinton (ROA)	5	16090 Stewartsville Rd	Vinton	Roanoke	24179SFTYKRTE24
265	Shamrock Foods Dairy Div. Verona Virginia	5	318 Mill Pl Pkwy	Verona	Augusta	2448WSHMRC318MI
266	Associated Asphalt Hopewell LLC	5	410 Water St	Hopewell	Hopewell (City)	2386WSSCTD41WAT
267	Spotsylvania Plant	5	8520 Indian Hills Ct. -	Fredericksburg	Spotsylvania	2240WSPTSY852IN
268	US DHS Mt Weather EOC	5	19844 Blue Ridge Mountain Rd	Bluemont	Loudoun	20135SDHSM19844

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269	Safety-Kleen Systems Chester (CVA)	4	1200 W 100 Rd	Chester	Chesterfield	23831SFTYK1200W
270	Falmouth Ready Mix Concrete	4	301 Warrenton Road -	Falmouth	Stafford	2240WFLMTH31WAR
271	Eternal Technology Corp	3	1800 Touchstone Rd -	Colonial Heights	Chesterfield	23834TRNLT18TUC
272	Manassas Broad Run Ready Mix Concrete	3	9321 Developers Drive -	Manassas	Prince William	2010WMNSSS9321D
273	Hirschfeld Industries Bridge, LLC	3	15083 Industrial Park Rd	Bristol	Washington	24202CRLNS1583I
274	Bae Systems Information & Electronic Systems Integration I	2	9300 Wellington Rd	Manassas	Prince William	20110BSYSN9300W
275	Pallet One Of Virginia	2	820 Boyd St	Chase City	Mecklenburg	2392WPLLTN82BYD
276	Boxley Materials Company Roanoke Ready Mix Plant	2	3830 Blue Ridge Dr SW	Roanoke	Roanoke (City)	24019BXLYC383BL
277	Branscome-Hampton	1	1922 W Pembroke Ave	Hampton	Hampton (City)	23661BRNSC1922W
278	Branscome-Lee Hall	1	9393 Merrimac Trail	Williamsburg	James City	23185BRNSC9393M
279	Branscome Inc.-Norfolk Westminster	1	3425 Westminster Ave	Norfolk	Norfolk (City)	23504BRNSC3425W
280	General Electric	1	2500 Austin Drive	Charlottesville	Albemarle	22901GFNCTUS29N
281	US Navy Fleet Combat Training Center ATL Dam Neck Range	1	1912 Regul Us Ave	Virginia Beach	Virginia Beach (City)	23461SNVYF1912R

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282	KIK (Virginia) LLC	1	27 Mill Ln	Salem	Roanoke	24153THDLC27MIL
283	Amsted Rail Co Inc.	1	2580 Frontage Rd	Petersburg	Petersburg (City)	23804BRNCNPETER
284	Virginia Mirror Co Inc.	1	300 S Moss St -	Martinsville	Henry	24112VRGNM300MO
285	BKEP Materials, LLC -- Newport News VA	1	801 Terminal Ave	Newport News	Newport News (City)	23607KCHPT801TE
286	The Lane Construction Corporation	1	5601 Courtney Avenue	Alexandria	Alexandria (City)	2230WTHLNC561CU
287	Taylor & Boody Inc.	1	8 Hewitt Rd	Staunton	Augusta	24401TYLRB8HEWE
288	St Tissue LLC	1	34050 Union Camp Dr -	Franklin	Isle Of Wight	2385WSTTSS345UN
289	Greystone Of Virginia Inc.	0	7992 Richmond Rd	Toano	James City	23168GRYST7992R
290	Cooper Steel	0	275 Francis Ave	Monroe	Amherst	24574LYNCHRT29N
291	Westrock / Seven Hills LLC	0	1801 Concord Turnpike	Lynchburg	Lynchburg (City)	24505MDPPR1801C
292	Northrop Grumman Systems Corpo Ration	0	1070 Seminole Trail	Charlottesville	Albemarle	22906SPRRY1070S
293	Argos Ready Mix Bryan Park Concrete Plant	0	4607 Racrete Rd -	Richmond	Henrico	23230RDYMX457RA
294	US CBP Canine Training Facility Firing Range #Va0040	0	828 Harmony Hollow Rd	Front Royal	Warren	22630SCSTM828HA
295	Sonoco Richmond	0	1850 Commerce Rd -	Richmond	Richmond	23224SNCPR1850C
296	Concrete Pipe & Precast LLC-Hanover Pipe	0	10350 Design Rd	Ashland	Hanover	2300WMRCST135DE

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	Plant					
297	Ladysmith Combustion Turbine Station	0	8063 Cedon Rd -	Woodford	Caroline	22580LDYSM863CE
298	Concrete Pipe & Precast LLC-Ashland Precast Plant	0	11352 Virginia Precast Rd	Ashland	Hanover	2300WSSRCM312MI
299	Concrete Pipe & Precast LLC Chesapeake Plant	0	3801 Cook Blvd	Chesapeake	Chesapeake (City)	23323HNSNP381CK
300	Anchor An Oldcastle Co	0	16326 Ind Us Trial Dr -	Milford	Caroline	22514MRCNS16326
301	Pre Con, Inc.	0	321 Brown St	Petersburg	Petersburg (City)	2380WPRCNN321BR
302	Concrete Pipe & Precast LLC-Salem #1 Plant	0	2000 Salem Industrial Dr	Salem	Salem (City)	24153HNSNP2SALE
303	Columbus Mckinnon Corp	0	22364 Jeb Stuart Hwy	Damascus	Washington	24236CLMBSRTE1B
304	Elizabeth River Combustion Turbine Station	0	2837 S Military Hwy -	Chesapeake	Chesapeake (City)	23323CMMNW2837S
305	Superior Concrete Materials Inc. - Dulles	0	44146 Wade Dr	Chantilly	Loudoun	2015WSPRRC44146
306	Concrete Pipe & Precast LLC-Harrisonburg Precast Plant	0	210 Stone Spring Rd	Harrisonburg	Rockbridge	2280WVLLYB21STN
307	Virginia Concrete Leesburg Plant	0	43048 Builders Ln	Ashburn	Loudoun	2207WVRGNC659BU
308	Carry-On Trailer Corp	0	617 Harry Hogan Rd	Callao	Northumberland	22435CRRYN617HA

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			-			
309	Titan Virginia Ready-Mix LLC-Leesburg Plant	0	42105 Cochran Mill Rd	Leesburg	Loudoun	2017WTTNVR4215C
310	Argos Concrete Plant-Old Stage Road	0	11400 Old Stage Rd	Chester	Chesterfield	2383WRGSCN114LD
311	TCS Materials Newport News	0	700 Shields Rd	Newport News	Newport News (City)	2318WTCSMT7SHIE
312	Titan Virginia Ready-Mix LLC-Port Norfolk Plant	0	101 Chautauqua Ave	Portsmouth	Portsmouth (City)	2370WTTNVR11CHA
313	Virginia Concrete Dumfries Plant	0	217 Canal Rd	Dumfries	Prince William	2202WVRGNC217CA
314	Kaiser Aluminum Fabricated Products LLC	0	1901 Reymet Rd	Richmond	Chesterfield	23237RYNLD1901R
315	Flint Group Na Corp	0	106 Triangle Dr	Weyers Cave	Augusta	24486CPTLPSTATE
316	Mechanicsville Concrete LLC-Chesterfield Plant	0	3501 Warbro Rd	Midlothian	Chesterfield	2311WMCHNC351WA
317	Superior Concrete Inc.-Harrisonburg	0	1526 County Club Rd	Harrisonburg	Rockingham	2280WSPRRC1526C
318	Virginia Concrete Cochran Mill	0	42574 Cochran Mill Rd	Leesburg	Loudoun	2017WVRGNC42574
319	Titan Virginia Ready-Mix LLC-Stafford Plant	0	48 Powell Ln	Falmouth	Stafford	2240WTTNVR48PWE
320	Virginia Concrete Woodbridge Plant	0	936 Annapolis Way	Woodbridge	Prince William	2219WVRGNC936AN

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321	Virginia Concrete Spotsylvania Plant	0	6110 Smith Station Road	Fredericksburg	Spotsylvania	2240WVRGNC611SM
322	Titan Virginia Ready-Mix LLC-Clear Brook Plant	0	1383 Brucetown Rd	Clear Brook	Frederick	2262WTTNVR1383B
323	Virginia Concrete - Stephens City	0	339 Estep Road	Stephens City	Frederick	2265WSTPHN339ES
324	Titan Virginia Ready-Mix LLC-Dumfries Plant	0	3454 Canal Rd	Dumfries	Prince William	2202WTTNVR3454C
325	Titan Virginia Ready-Mix LLC-Suffolk Plant	0	1408 Holland Road	Suffolk	Suffolk (City)	2343WTTNVR148HL
326	Virginia Concrete Falls Church Plant	0	7103 Gordon Rd	Falls Church	Falls Church (City)	22043VRGNC7103G
327	Virginia Concrete Co Inc.-Chantilly	0	25086 Tanner Ln	Chantilly	Loudoun	2015WVRGNC2586T
328	Superior Concrete Materials Inc. - Lorton	0	8420 Terminal Rd	Lorton	Fairfax	2207WSPRRC842TE
329	James Hardie Building Products Pulaski	0	1000 James Hardie Way -	Pulaski	Pulaski	24301JHBPP1JAME
330	Marva Maid Dairy	0	5500 Chestnut Ave	Newport News	Newport News (City)	23605MRVMD5500C
331	Hunt Country Propane	0	535 Jack Enders Blvd -	Berryville	Clarke	2261WHNTCN535JA
332	Gilmer Industries Inc.	0	560 Stone Spring Rd -	Harrisonburg	Harrisonburg (City)	22801GLMRN560ST

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333	Mastic Home Exteriors Stuarts Draft	0	185 Johnson Dr	Stuarts Draft	Augusta	24477LCBLDRTE90
334	Great Southern Wood - VA, Inc.	0	1050 N Main St	Rocky Mount	Franklin	24151RCKYTNORTH
335	Sabra Dipping Co LLC	0	15900 Sabra Way	Colonial Heights	Chesterfield	2383WSBRDP159SA
336	Nationwide Homes Inc.	0	1100 Rives Rd	Martinsville	Henry	24112NTNWD100RI
337	S.L. Williamson Co. Inc. Shop	0	1230 River Road	Charlottesville	Albemarle	2290WSLWLL123RI
338	Quarles Petroleum Inc. Culpeper Bulk Plant	0	15427 Brandy Rd -	Culpeper	Culpeper	22701QRLSP15427
339	George's Foods, LLC. Processing Plant	0	501 N Liberty St	Harrisonburg	Rockingham	22801HLLYF501NO
340	George's Foods LLC Feed Mill	0	61 Kratzer Rd -	Harrisonburg	Harrisonburg (City)	22801RCCFDPOBOX
341	US DoD, Warrenton Training Center Station C Range	0	7248 Sumerduck Rd	Remington	Fauquier	2273WSDDSR7248S
342	US DoD, Warrenton Training Center Station B Range	0	7471 Bear Wallow Road	Warrenton	Fauquier	2018WSDDSR7471B
343	Quarles Petroleum Inc. Harrisonburg Bulk Plant	0	1006 W Market St -	Harrisonburg	Harrisonburg (City)	22801QRLSP1006W
344	Banker Steel Company, LLC	0	1619 Wythe Rd	Lynchburg	Lynchburg (City)	24502MNTGB1619W

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345	Banker Steel Company, LLC	0	351 Rangoon Road	Lynchburg	Campbell	2450WBNKRS351RA
346	US Coast Guard Training Center Yorktown	0	1 US Coast Guard Training Center	Yorktown	York	23690SCSTGENDOF
347	Madison Wood Preservers Inc.	0	216 Oak Park Rd	Madison	Madison	22727MDSNWSTARR
348	Schrader-Bridgeport International	0	205 Frazier Rd	Altavista	Campbell	24517PDMNT205FR
349	Mapei Corp	0	300 Nelms Cir	Fredericksburg	Stafford	22406MPCRP3NELM
350	Mennel Milling Co Of Virginia	0	5185 Benois Rd -	Roanoke	Roanoke	24018MNNLM5185B
351	WWF Operating Co	0	6364 S Valley Pike	Mount Crawford	Rockingham	22841SHNND6364S
352	ABB Inc.	0	171 Industry Drive	Bland	Bland	24315BBPWRSTRTE
353	Micrometrics System	0	225 Jeb Stuart Hwy	Meadows Of Dan	Patrick	24120MCRMT2900W
354	Wheelabrator Abrasives Inc.	0	1 Abrasive Ave	Bedford	Bedford	24523WHLBR1ABRA
355	HP Hood LLC	0	160 Hood Way	Winchester	Frederick	22602HPHDX160HO
356	Westover Dairy	0	2801 Fort Ave	Lynchburg	Lynchburg (City)	24501WSTVR2801F
357	AERC Recycling Solutions	0	3301 Rosedale Ave Ste D	Richmond	Richmond (City)	23230RCCMN33RSE
358	Moog Inc.	0	1213 N Main St	Blacksburg	Montgomery	24060LTTNP1213N
359	Munters	0	225 S Magnolia Ave	Buena Vista	Rockbridge	2441WDSCHM225SM

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360	Ruffin Creek Properties LLC	0	10229 Tidewater Trail	Fredericksburg	Spotsylvania	22408RFFNC10229
361	VPGC LLC Broadway Feedmil	0	410 S Main St	Broadway	Rockingham	22815WMPLRRTE42
362	Ardent Mills, LLC	0	1900 Industry Dr	Culpeper	Culpeper	2270WRDNTM19IND
363	Quarles Petroleum Inc. Front Royal Bulk Plant	0	195 Commerce Ave -	Front Royal	Warren	22630QRLSP195CO
364	Zenith Fuel Systems LLC	0	14570 Industrial Park Rd	Bristol	Washington	24201FCTFL1048I
365	Amelia Lumber Co Inc.	0	8680 Crowder St	Amelia Court House	Amelia	23002MLLMB16951
366	Quarles Petroleum Inc. Winchester Bulk Plant	0	779 Smithfield Ave -	Winchester	Frederick	22601QRLSP779SM
367	Harris Corp - Night Vision	0	7635 Plantation Rd	Roanoke	Roanoke	24019TTLCT7635P
368	Remington Power Station	0	12025 Lucky Hill Road -	Remington	Fauquier	2273WDMNNR1225L
369	Grottoes Plastics Plant	0	149 Grand Caverns Drive	Grottoes	Augusta	24441RYNLDCAVER
370	Gemini-Farmville	0	102 Hauschild Dr	Farmville	Cumberland	23901GMNFR12HAU
371	Griffith Energy Services Inc.-Berryville	0	618 E Main St -	Berryville	Clarke	22611CLRKC618EM
372	General Dynamics Mission Systems, Inc.	0	150 Johnston Rd	Marion	Smyth	24354BRNSW150JO
373	Webb Enterprises LLC American Mirror	0	602 E Stuart Dr	Galax	Galax (City)	24333MRCNMPOBOX

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374	Colonial Circuits Inc.	0	1026 Warrenton Rd	Fredericksburg	Stafford	22405CLNLC1026W
375	US Army Joint Base Myer-Henderson Hall Garrison Ops (Part)	0	204 Lee Ave	Fort Myer	Arlington	2221WSRMYJ24LEE
376	Potomac Supply LLC	0	1398 Kinsale Rd	Kinsale	Westmoreland	22488PTMCSROUTE
377	Cerro Fabricated Products LLC	0	300 Triangle Dr	Weyers Cave	Augusta	24486CRRMT300TR
378	Electronic Instrumentation & Technology LLC	0	309 Kelly's Ford Plaza	Leesburg	Loudoun	20164LCTRN108CA
379	Culpeper Wood Preservers	0	15487 Braggs Corner Rd	Culpeper	Culpeper	22701CLPPRROUTE
380	EIT South	0	350 Slayton Avenue	Danville	Danville (City)	2454WLCTRN35SLA
381	Quarles Petroleum Inc. Manassas Bulk Plant	0	8001 Wellingford Dr -	Manassas	Prince William	20109QRLSP8001W
382	Chemtreat Inc.	0	10040 Lickinghole Rd	Ashland	Hanover	23005CHMTR500LI
383	Eaton Corporation - Williamsburg Manufacturing	0	149 Warwick Court -	Williamsburg	York	2318WTNCRP149WA
384	Super Radiator Coils	0	451 Southlake Blvd	Richmond	Chesterfield	23236SPRRD451SO
385	Qualichem, Inc. Plant 1	0	2003 Salem Industrial Dr	Salem	Salem (City)	2415WQLCHM23SAL
386	CMC Rebar	0	9434 Crossroads Pkwy	Fredericksburg	Spotsylvania	22408SMRBR9434C
387	Sunlite Plastics Inc.	0	846 Keezletown Rd	Weyers Cave	Augusta	24486SNLGHROUTE
388	Prochem, Inc.	0	5100 Enterprise Dr	Elliston	Montgomery	24087PRCHM51ENT

Rank	Facility Name	Total On-Site Releases (lbs)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
389	Mitsubishi Chemical Composites America	0	401 Volvo Pkwy	Chesapeake	Chesapeake (City)	23320MTSBS401VA
390	QPI Warsaw Bulk Plant	0	11549 Historyland Hwy -	Warsaw	Richmond	2257WQPWRS11549
391	Pugh Lubricants Ashland	0	10992 Leadbetter Rd -	Ashland	Hanover	23005PGHLB1992L
392	Creative Playthings Ltd.	0	859 Industrial Dr	Emporia	Greensville	23847CRTVP859IN
393	Tenneco Walker Manufacturing Co	0	3160 Abbott Ln	Harrisonburg	Harrisonburg (City)	22801WLKRM3160A
394	Conn-Weld Ind Inc.	0	New Bern Rd State Rd 682	Dublin	Pulaski	24084CNNWLNEWBE
395	JCI Jones Chemicals Inc.	0	16248 Industrial Dr	Milford	Caroline	22514JNSCHRT640
396	Continental Automotive Systems Inc.	0	615 Bland Blvd -	Newport News	Newport News (City)	23602LLDSG615BL
397	Tidewater Wood Products, LLC	0	5604 City Line Rd	Hampton	Hampton (City)	23661CMMNW5604C
398	Johns Manville Corp Hamilton Plant	0	7400 Ranco Rd -	Richmond	Henrico	23228MNVLL7400R
399	Bren Mar	0	6315 Bren Mar Dr	Alexandria	Fairfax	2231WBRNMR6315B
400	Old Dominion Electric Co-Op Louisa Generation Facility	0	3352 Klockner Rd -	Gordonsville	Louisa	22942LDDMN3352K
401	GEA Systems Dba LLC (Dba LLC Dowty Propellers)	0	114 Powers Ct	Sterling	Loudoun	20166SMTHS114PW

Rank	Facility Name	Total On-Site Releases (lbs)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
402	Old Dominion Electric Co-Op Marsh Run Generation Facility	0	12109 Lucky Hill Rd -	Remington	Fauquier	22734LDDMN1219L
403	Imperial Group Manufacturing Inc.	0	4969 Stepp Place	Dublin	Pulaski	2408WMPRLG4969S
404	Blue Ridge Solvents & Coatings	0	3800 Original Henry Rd -	Henry	Franklin	24102BLRDGSTATE
405	Blue Ridge Wood Preserving Inc.	0	1220 Hendricks Store Rd	Moneta	Bedford	24523SMTHMPOBOX
406	Industrial Chemicals Inc.	0	2540 Bellwood Rd	Richmond	Chesterfield	23237NDLCH2540B
407	Bondcote Corp	0	509 Burgis Ave	Pulaski	Pulaski	24301WSTPNBURGI
408	Flowserve US Inc.	0	3900 Cook Blvd	Chesapeake	Chesapeake (City)	23323NGRSL3900C
409	Flowserve Corp Lynchburg VA	0	5114 Woodall Rd -	Lynchburg	Lynchburg (City)	24502LMTRQ5114W
410	Fisher Scientific International Mtn Diagnostics Plant	0	8365 Valley Pike	Middletown	Frederick	22645FSHRD8365V
411	Chemetrics Inc.	0	4295 Catlett Rd	Midland	Fauquier	20138CHMTR4295C
412	Qualichem, Inc. Plant 2	0	510 Branch Dr	Salem	Salem (City)	2415WQLCHM51BRA
413	Bush Center For Intelligence (CIA)	0	1000 Colonial Farm Rd	Mc Lean	Fairfax	2210WCHDQRRUTES
414	Pascor Atlantic Corp	0	254 Industry Dr	Bland	Bland	24315PSCSTRTE1B
415	Tyson Farms Inc. - Feed Mill	0	1938 Patrick Henry Hwy	Jetersville	Nottoway	23083HLLYFUSHWY

Rank	Facility Name	Total On-Site Releases (lbs)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
416	Trex - Virginia Manufacturing Operations	0	3229 Shawnee Drive	Winchester	Frederick	2260WTRXWN3229S
417	Toray Plastics (America) Inc.	0	500 Toray Dr	Front Royal	Warren	22630TRYPL500TO
418	Pilgrim's Pride Corp Harrisonburg Feedmill	0	590 Mt Clinton Pike	Harrisonburg	Harrisonburg (City)	22801WMPLR590MT
419	Cargill Meat Solutions Inc.	0	135 Huffman Dr	Dayton	Rockingham	22821RCCTRROUTE
420	Cargill Turkey Production LLC	0	1 Kratzer Rd	Harrisonburg	Rockingham	22802RCCFR1KRAT
421	International Cold Storage	0	5678 Heards Mountain Rd	Covesville	Albemarle	22931NTRNTROUTE
422	Fleetwood Homes Of Virginia Inc. 19-2	0	90 Weaver St	Rocky Mount	Franklin	24151FLTWD90WEA

Appendix I-2 - 2017 VA TRI Facility Ranking By On-Site Management

APPENDIX I-2 - 2017 VA TRI FACILITY RANKING BY ON-SITE MANAGEMENT (Excludes Dioxin and Dioxin-like Compounds)

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
1	Ashland Specialty Ingredients GP	339,812,111	1111 Hercules Rd -	Hopewell	Hopewell (city)	23860QLNCM1111H
2	Honeywell International Colonial Heights Plant	311,386,513	15801 Woods Edge Rd	Colonial Heights	Chesterfield	23832LLDSGEXIT5
3	Bae Systems, Ordnance Systems Inc.	36,209,755	Radford Army Ammunition Plant 4050 Peppers Ferry R	Radford	Montgomery	24141RDFRDPOBOX
4	Westrock Virginia Corporation (Entire)	28,833,677	104 E. Riverside Street	Covington	Covington (city)	24426WSTVCRIVER
5	International Paper Franklin Mill	18,333,576	34040 Union Camp Dr	Franklin	Isle of Wight	23851NNCMPHIGHW

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
6	Axalta Coating Systems LLC-Front Royal Plant	12,714,793	7961 Winchester Rd	Front Royal	Warren	22630DPNTFPOBOX
7	George's Chicken LLC	6,336,148	19992 Senedo Rd	Edinburg	Shenandoah	22824RCCFRRTE42
8	Rocktenn CP, LLC	5,526,618	1901 Main St	West Point	King William	23181CHSPK19THM
9	BASF Corp	3,811,814	2301 Wilroy Rd	Suffolk	Suffolk (city)	23434LLDCL2301W
10	Advansix Inc. Hopewell Plant	3,724,854	905 E Randolph Rd -	Hopewell	Hopewell (city)	23860LLDSGPOBOX
11	Virginia City Hybrid Energy Center	3,303,000	3425 Russell Creek Rd	Saint Paul	Wise	2428WVRGNC3425R
12	BWXT Nuclear Operations Group, Inc.	2,969,064	1570 Mount Athos Rd	Lynchburg	Campbell	24504BBCCKMTATH
13	Wolverine Advanced Materials	2,885,913	3175 State St -	Blacksburg	Montgomery	24060WLVRN3175S

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
14	Ingevity Virginia Corporation	2,737,000	958 E Riverside St	Covington	Covington (city)	2442WNGVTY958ER
15	CPFilms, Inc.	2,416,234	345 Beaver Creek Dr	Martinsville	Henry	24112CMMNW345BE
16	Tyson Farms Inc.-Temperanceville	2,276,894	11224 Lankford Hwy	Temperanceville	Accomack	23442HLLYFUSHIG
17	Intertape Polymer Corp	2,261,191	1101 Eagle Springs Rd	Danville	Pittsylvania	24540NTRTPSTATE
18	Clover Power Station	2,198,000	4091 Clover Rd -	Clover	Halifax	24534CLVRPRTE92
19	CPFilms - Plant Ii	1,853,300	4129 The Great Rd	Fieldale	Henry	24089MRTNPRTE68
20	Arkema Inc.	1,805,550	601 Tightsqueeze Industrial Rd	Chatham	Pittsylvania	24531SRTMR601TI
21	Micron Technology Inc.	1,345,000	9600 Godwin Dr	Manassas	Prince William	20110DMNNS9600G

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
22	Wolverine Advanced Materials	1,317,285	201 Industrial Park Rd -	Blacksburg	Montgomery	24060WLVRN201IN
23	Dynax America Corp	1,314,211	568 E Park Dr	Roanoke	Botetourt	24019DYNXM568EP
24	Celanese Acetate LLC - Celco Plant	1,195,851	3520 Virginia Ave	Narrows	Giles	24124HCHSTRT460
25	Tyson Farms Inc. - Processing Facility	1,158,841	13264 Mountain Rd	Glen Allen	Hanover	20360HLLYF3301U
26	O'Sullivan Films Inc.	1,121,308	1944 Valley Ave -	Winchester	Winchester (city)	22601SLLVN1944V
27	Ardagh Metal Packaging USA Inc.	890,000	5022 Hollins Rd	Roanoke	Roanoke (city)	2401WRDGHM522HL
28	Mehler Engineered Products	854,594	175 Mehler Ln	Martinsville	Henry	24112MHLRN175ME
29	Birchwood Power Facility	762,926	10900 Birchwood Dr	King George	King George	22547BRCHW10900

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
30	Perdue Farms Accomac Processing Plant	682,680	22520 Lankford Hwy	Accomac	Accomack	23301PRDNCROUTE
31	Georgia-Pacific Big Island Mill	666,733	9363 Lee-Jackson Hwy -	Big Island	Bedford	24526NKSPCHIGHW
32	Koppers Inc. (Roanoke)	626,068	4020 Koppers Rd	Salem	Roanoke	24153KPPRSRT460
33	Huber Engineered Woods LLC	491,208	1000 Chaney Ln	Crystal Hill	Halifax	24539JMHBRRT3HW
34	Spruance Genco LLC	482,329	5001 Commerce Rd	Richmond	Richmond (city)	23234CGNTR5001C
35	DuPont Teijin Films	466,419	3600 Discovery Dr	Chester	Chesterfield	23860CMRCSBERMU
36	WWF Operating Co	417,372	6364 S Valley Pike	Mount Crawford	Rockingham	22841SHNND6364S
37	VPGC LLC Hinton Facility	404,439	6349 Rawley Pike Hwy 33 We	Hinton	Rockingham	22831WMPLRUSRT3

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
38	Sterilization Services Of Virginia	362,549	5674 Eastport Blvd -	Richmond	Richmond (city)	23231STRLZ5674E
39	Greif Packaging LLC	357,864	861 Fibre Plant Rd	Amherst	Amherst	24521VRGNFROUTE
40	Toray Plastics (America) Inc.	353,199	500 Toray Dr	Front Royal	Warren	22630TRYPL500TO
41	Georgia-Pacific Wood Products LLC - Brookneal OSB	350,000	11795 Brookneal Highway	Gladys	Campbell	24554GRGPCHIGHW
42	Us Navy Defense Fuel Support Point Craney Island	344,220	4501 Cedar Ln Bldg 288	Portsmouth	Portsmouth (city)	23703CRNYS4501C
43	New Market Poultry LLC	342,800	145 Old East Cross Road -	New Market	Shenandoah	2284WNWMRK145LD
44	Philip Morris USA Park 500 Site	261,188	4100 Bermuda Hundred Rd	Chester	Chesterfield	23831PHLLP4100B

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
45	Merck Sharp & Dohme Corp.	252,190	2778 Se Side Hwy	Elkton	Rockingham	22827MRCKCHIGHW
46	Green Plains Hopewell LLC	237,394	701 S 6Th Ave -	Hopewell	Prince George	2386WPPMTT71S6T
47	Fujifilm Wako Chemicals USA Corporation	220,375	1600 Bellwood Rd	Richmond	Chesterfield	23237WKCHM1600B
48	DuPont Spruance Plant	137,800	U.S. Hwy 1 At Cogbill Rd	Richmond	Chesterfield	23234DPNTSUSHIG
49	U.S. Amines (Portsmouth) LLC	127,761	3230 W Norfolk Rd	Portsmouth	Portsmouth (city)	23703CLNSC3230E
50	Westrock CP, LLC	120,751	910 Industrial St	Hopewell	Hopewell (city)	23860STNHP910IN
51	HP Hood LLC	117,635	160 Hood Way	Winchester	Frederick	22602HPHDX160HO
52	Azz Galvanizing-Bristol	111,387	14781 Industrial Park Rd	Bristol	Washington	24201VSBRS795IN

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
53	General Shale Brick Inc. Plant 35 & 36	107,833	2353 Webster Rd	Roanoke	Botetourt	24064GNRLS770WE
54	Philip Morris USA Commerce Road Site	101,228	3601 Commerce Rd	Richmond	Richmond (city)	23234PHLLP3601C
55	CPFilms Inc.-Plant 1	101,000	4210 The Great Rd	Fieldale	Henry	24089MRTNPROUTE
56	George's Foods, LLC. Processing Plant	96,740	501 N Liberty St	Harrisonburg	Rockingham	22801HLLYF501NO
57	Sabra Dipping Co LLC	88,852	15900 Sabra Way	Colonial Heights	Chesterfield	2383WSBRDP159SA
58	Canon Virginia Inc.	88,596	12000 Canon Blvd	Newport News	Newport News (city)	23606CNNVR12000
59	Cargill Meat Solutions Inc.	78,190	135 Huffman Dr	Dayton	Rockingham	22821RCCTRROUTE
60	Millercoors-Shenandoah	66,966	5135 S Eastside Hwy	Elkton	Rockingham	22827DLPHCROUTE

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
61	Alliant Techsystems Operations LLC (New River Energetics)	61,621	Rt 114 Radford Army Ammunition Plant	Radford	Montgomery	24141NWRVRRTE11
62	Cerro Fabricated Products LLC	52,210	300 Triangle Dr	Weyers Cave	Augusta	24486CRRMT300TR
63	Volvo Group North America, LLC	49,172	4881 Cougar Trail Road	Dublin	Pulaski	24084VLVGMROUTE
64	TTM Technologies North America, LLC.	48,960	1200 Severn Way	Dulles	Loudoun	22170TMTNC1200S
65	Pilgrim's Pride Corp Broadway Facility	48,148	330 Co-Op Dr	Timberville	Rockingham	22853RCKNGCOOPD
66	Howmet Castings & Services Inc.	39,052	One Howmet Dr	Hampton	Hampton (city)	23661HWMTCONEHO

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
67	Danchem Technologies Inc.	37,475	1975 Old Richmond Rd	Danville	Pittsylvania	24540DNRVRSTATE
68	Evonik Industries	37,292	914 E Randolph Rd -	Hopewell	Hopewell (city)	23860GLDSC914ER
69	Redland Brick Inc.- Lawrenceville Plant	36,292	16024 Governor Harrison Pkwy -	Lawrenceville	Brunswick	23868BRCKTHWY58
70	Land-O-Sun Dairies LLC (Dba Pet Dairy) Richmond	35,033	1505 Robin Hood Rd	Richmond	Richmond (city)	23220RCHFD1505R
71	Catalina Cylinders Inc.	32,160	2400 Aluminum Ave	Hampton	Hampton (city)	23666CTLNC2400A
72	Masco Cabinetry	31,678	1325 Industrial Park Rd	Mount Jackson	Shenandoah	22842MRLLTSTATE
73	Yorktown Power Station	31,600	1600 Waterview Rd -	Yorktown	York	23692YRKTW1600W

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
74	Tecton Products LLC	31,063	5415 Corporate Cir	Salem	Roanoke	24153TCTNP5415C
75	Mecklenburg Power Station	28,800	204 Cogen Dr	Clarksville	Mecklenburg	23927MCKLN204CO
76	Georgia Pacific Wood Products LLC Emporia Plywood	26,000	634 Davis St	Emporia	Greensville	23847GRGPCDAVIS
77	Accellent	25,104	200 S. Yorkshire Street	Salem	Roanoke	24153NBLMT200SY
78	QG Printing II Corp	23,777	160 Century Ln Stonewall Ind Us Trial Park	Winchester	Frederick	22603QBCRW16CEN
79	Carry-On Trailer Corp	23,059	159 Industrial Park Rd -	Montross	Westmoreland	22520CRRYN159IN
80	Shamrock Foods Dairy Div. Verona Virginia	22,125	318 Mill Pl Pkwy	Verona	Augusta	2448WSHMRC318MI

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
81	Marva Maid Dairy	20,117	5500 Chestnut Ave	Newport News	Newport News (city)	23605MRVMD5500C
82	A&AT LLC-Waynesboro Facility	19,000	400 Du Pont Blvd	Waynesboro	Augusta	22980DPNTWDUPON
83	Us Navy NWSY Defense Fuel Supply Point Yorktown	11,621	NWSY Defense Fuel Supply Point - Route 238	Yorktown	York	23690SNVYDYRKTW
84	Westover Dairy	10,183	2801 Fort Ave	Lynchburg	Lynchburg (city)	24501WSTVR2801F
85	LSC Communications / Strasburg	9,595	One Shenandoah Valley Dr -	Strasburg	Shenandoah	22657SHNNDROUTE
86	ASIG Fueling Operations Wash Dulles International Airport	7,725	Tank Farm Rd Building 2	Sterling	Loudoun	20166RBPXXBUILD
87	Pre Con Inc.	6,079	220 S Perry St	Petersburg	Petersburg (city)	23803PRCNN220SP

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
88	U.S. Navy Naval Air Station Oceana Range	5,638	1750 Tomcat Blvd	Virginia Beach	Virginia Beach (city)	23460SNVLROCEAN
89	Kinder Morgan Transmix Company, LLC	2,869	3302 Deepwater Terminal Rd	Richmond	Richmond (city)	23234PRMRY3302D
90	Virginia Transformer Corp	1,450	201 Transformer Way	Troutville	Botetourt	2417WVRGNT21TRA
91	Us Navy Naval Station Norfolk	1,397	1530 Gilbert St Suite 2000	Norfolk	Norfolk (city)	23511NVLBS1530G
92	Virginia Transformer Corp.	965	220 Glade View Dr Ne -	Roanoke	Roanoke	24012VRGNT220GL
93	U.S. Nasa GSFC Wallops Flight Facility	526	34200 Fulton Street	Wallops Island	Accomack	23337SNSGDWALLO

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
94	Aquatic Co	491	1100 Industrial Park Rd Halifax Industrial Park	South Boston	Halifax	24592PHLPSPOBOX
95	Eternal Technology Corp	259	1800 Touchstone Rd -	Colonial Heights	Chesterfield	23834TRNLT18TUC
96	Grottoes Plastics Plant	246	149 Grand Caverns Dr	Grottoes	Augusta	24441RYNLDCAVER
97	U.S. Navy Joint Expeditionary Little Creek Base	230	2600 Tarawa Ct Suite 100	Norfolk	Norfolk (city)	23521SDDSN2600T
98	Capital Concrete Inc.	83	400 Stapleton St	Norfolk	Norfolk (city)	2350WCPTLC4STAP
99	Owens-Brockway Glass Container Inc. Plant 26	15	150 Industrial Blvd	Toano	James City	23168WNSLL150IN

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
100	BKEP Materials, LLC -- Newport News VA	1	801 Terminal Ave	Newport News	Newport News (city)	23607KCHPT801TE
101	Virginia Concrete Co Inc.-Chantilly	0	25086 Tanner Ln	Chantilly	Loudoun	2015WVRGNC2586T
102	Culpeper Wood Preservers	0	15487 Braggs Corner Rd	Culpeper	Culpeper	22701CLPPRROUTE
103	Virginia Concrete Dumfries Plant	0	217 Canal Rd	Dumfries	Prince William	2202WVRGNC217CA
104	Davis-Frost Inc.	0	3416 Candlers Mountain Rd	Lynchburg	Lynchburg (city)	24506DVSPN3420C
105	Degesch America Inc.	0	153 Triangle Dr	Weyers Cave	Augusta	24486DGSCH275TR
106	Dominion Chemical Co Inc.	0	2050 Puddledock Rd	Petersburg	Petersburg (city)	23803DMNNC2050P
107	Doswell LP	0	10098 Old Ridge Rd	Ashland	Hanover	23005DSWLL10098

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
108	Virginia Concrete Cochran Mill	0	42574 Cochran Mill Rd	Leesburg	Loudoun	2017WVRGNC42574
109	Eaton Corporation - Williamsburg Manufacturing	0	149 Warwick Court -	Williamsburg	York	2318WTNCRP149WA
110	EIT South	0	350 Slayton Avenue	Danville	Danville (city)	2454WLCTRN35SLA
111	Electronic Instrumentation & Technology LLC	0	309 Kelly's Ford Plaza	Leesburg	Loudoun	20164LCTRN108CA
112	Electroplate-Rite Corp	0	5529 Lee Hwy -	Dublin	Pulaski	24084LCTRPUSRTE
113	Elizabeth River Combustion Tur Bine Station	0	2837 South Military Hwy	Chesapeake	Chesapeake	23323CMMNW2837S
114	Elkay Wood Products Co	0	2000 Cane Creek Pkwy	Ringgold	Pittsylvania	24586YRKTW2CANE

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
115	Ennis-Flint Richmond	0	4400 Vawter Ave	Richmond	Henrico	23222DGLSC4400V
116	Virginia Concrete Dulles Plant	0	44866 Old Ox Rd	Sterling	Loudoun	22170VRGNC44866
117	Continental Automotive Systems Inc.	0	615 Bland Blvd -	Newport News	Newport News (city)	23602LLDSG615BL
118	Commonwealth Galvanizing	0	10988 Leadbetter Rd -	Ashland	Hanover	2300WCMMNW1988L
119	Concrete Pipe & Precast LLC Chesapeake Plant	0	3801 Cook Blvd	Chesapeake	Chesapeake (city)	23323HNSNP381CK
120	Concrete Pipe & Precast LLC-Ashland Precast Plant	0	11352 Virginia Precast Rd	Ashland	Hanover	2300WSSRCM312MI

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
121	Concrete Pipe & Precast LLC-Hanover Pipe Plant	0	10350 Design Rd	Ashland	Hanover	2300WMRCST135DE
122	Concrete Pipe & Precast LLC-Harrisonburg Precast Plant	0	210 Stone Spring Rd	Harrisonburg	Rockbridge	2280WVLLYB21STN
123	Concrete Pipe & Precast LLC-Salem #1 Plant	0	2000 Salem Industrial Dr	Salem	Salem (city)	24153HNSNP2SALE
124	Creative Playthings Ltd.	0	859 Industrial Dr	Emporia	Greensville	23847CRTVP859IN
125	Consolidated Glass & Mirror, LLC - Plant 2	0	110 Jack Guynn Dr	Galax	Galax (city)	24333CNSLD110JA
126	Hoover Treated Wood Products, Inc.	0	18315 House Dr	Milford	Caroline	22514HVRTRCAROL

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
127	Cooper Steel	0	275 Francis Ave	Monroe	Amherst	24574LYNCHRT29N
128	Cox Wood Of Virginia	0	2960 Cox Rd -	Blackstone	Nottoway	23824TYLRRHIGHW
129	Virginia Concrete Gainesville Plant	0	7300 Rail Line Ct	Gainesville	Prince William	2015WVRGNC73RAI
130	Us Navy Yorktown Naval Weapons Station Base	0	Route 238	Yorktown	York	2369WSNVYYRUTE2
131	Virginia Concrete Falls Church Plant	0	7103 Gordon Rd	Falls Church	Falls Church (city)	22043VRGNC7103G
132	Virginia Concrete Edsall Road Plant	0	5412 Industrial Dr	Springfield	Fairfax	22151VRGNC6995E
133	Howell Metal Co	0	574 Depot Rd -	New Market	Shenandoah	22844HWLLM574DE

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
134	Conn-Weld Ind Inc.	0	New Bern Rd State Rd 682	Dublin	Pulaski	24084CNNWLNEWBE
135	George's Foods LLC Feed Mill	0	61 Kratzer Rd -	Harrisonburg	Harrisonburg (city)	22801RCCFDPOBOX
136	Everbrite LLC	0	627 E 30Th St -	Buena Vista	Buena Vista (city)	24416VRBRT627EA
137	Gemini-Farmville	0	102 Hauschild Dr	Farmville	Cumberland	23901GMNFR12HAU
138	Griffith Energy Services Inc.-Berryville	0	618 E Main St -	Berryville	Clarke	22611CLRKC618EM
139	General Dynamics Mission Systems, Inc.	0	150 Johnston Rd	Marion	Smyth	24354BRNSW150JO
140	Griffin Pipe Products Co	0	10 Adams St	Lynchburg	Lynchburg (city)	24505GRFFNADAMS
141	Greystone Of Virginia Inc.	0	7992 Richmond Rd	Toano	James City	23168GRYST7992R
142	General Electric	0	2500 Austin Drive	Charlottesville	Albemarle	22901GFNCTUS29N

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
143	Ge Drives & Controls	0	1501 Roanoke Blvd	Salem	Salem (city)	24153DRVSY1501R
144	Valmont-Virginia Galvanizing Inc.	0	3535 Halifax Rd	Petersburg	Petersburg (city)	23805NDSTR3535H
145	Ge Alstom Richmond Service Center	0	1200 Willis Rd	Richmond	Chesterfield	23237LSTMP1200W
146	Valley Proteins Inc.-Winchester Facility	0	1635 Indian Hollow Rd	Winchester	Frederick	22603VLLYP1444I
147	Us/Navy Naval Support Activity Northwest Annex Range	0	1320 NW Blvd Suite 100	Chesapeake	Chesapeake (city)	23322SNVYN132NW
148	Valley Proteins Inc. Linville Facility	0	6230 Kratzer Rd	Linville	Rockingham	22834VLLYP623KR

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149	Utility Trailer Manufacturing Co	0	13160 Monroe Rd	Glade Spring	Washington	2434WTLTYT1316M
150	Gilmer Industries Inc.	0	560 Stone Spring Rd -	Harrisonburg	Harrisonburg (city)	22801GLMRN560ST
151	Graham-White Manufacturing Co.	0	1242 Colorado St	Salem	Roanoke	24153GRHMW1242C
152	Utility Trailer Manufacturing Co	0	124 Mountain Empire Rd	Atkins	Smyth	24311TLTYTSTATE
153	Vaughan-Bassett Furniture Co. Galax	0	300 E Grayson St	Galax	Carroll	24333VGHNBOLDTO
154	Harris Corp - Night Vision	0	7635 Plantation Rd	Roanoke	Roanoke	24019TTLCT7635P
155	Virginia Concrete - Stephens City	0	339 Estep Road	Stephens City	Frederick	2265WSTPHN339ES

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156	Great Southern Wood - VA, Inc.	0	1050 N Main St	Rocky Mount	Franklin	24151RCKYTNORTH
157	Us Penitentiary Lee	0	Lee County Ind Us Trial Park Hickory Flats Rd	Pennington Gap	Lee	24277SPNTNLEECI
158	Falmouth Ready Mix Concrete	0	301 Warrenton Road -	Falmouth	Stafford	2240WFLMTH31WAR
159	Hirschfeld Industries Bridge, LLC	0	15083 Industrial Park Rd	Bristol	Washington	24202CRLNS1583I
160	Federal Correctional Complex	0	1060 River Rd	Hopewell	Prince George	23860BRFPR16RIV
161	Federal-Mogul Corp	0	300 Industrial Park Rd Se	Blacksburg	Montgomery	24060FDRLMRT460

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162	Gea Systems Dba LLC (Dba LLC Dowty Propellers)	0	114 Powers Ct	Sterling	Loudoun	20166SMTHS114PW
163	Columbus Mckinnon Corp	0	22364 Jeb Stuart Hwy	Damascus	Washington	24236CLMBSRTE1B
164	Fisher Scientific International MTN Diagnostics Plant	0	8365 Valley Pike	Middletown	Frederick	22645FSHRD8365V
165	Chemsolv Inc.	0	1140 Industry Ave Se	Roanoke	Roanoke (city)	24013CHMSL1140I
166	Fleetwood Homes Of Virginia Inc. 19-2	0	90 Weaver St	Rocky Mount	Franklin	24151FLTWD90WEA
167	Flint Group Na Corp	0	106 Triangle Dr	Weyers Cave	Augusta	24486CPTLPSTATE

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168	HAPCO	0	26252 Hillman Highway	Abingdon	Washington	2421WHPCXX26252
169	Flowserve Corp Lynchburg VA	0	5114 Woodall Rd -	Lynchburg	Lynchburg (city)	24502LMTRQ5114W
170	Flowserve Us Inc.	0	3900 Cook Blvd	Chesapeake	Chesapeake (city)	23323NGRSL3900C
171	Veolia James River Plant	0	1201 Bellwood Rd	Richmond	Chesterfield	23237DPNTJ1201B
172	Fiberglass Engineering Co	0	5019 Airport Rd	Midland	Fauquier	22728FBRGLWARRE
173	Atlantic Pole & Piling - Newsoms	0	21366 General Thomas Hwy -	Newsoms	Southampton	23874TLNTCRTE67
174	Wheelabrator Abrasives Inc.	0	1 Abrasive Ave	Bedford	Bedford	24523WHLBR1ABRA
175	Ardent Mills, LLC	0	1900 Industry Dr	Culpeper	Culpeper	2270WRDNTM19IND

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176	Argos Concrete Plant- Old Stage Road	0	11400 Old Stage Rd	Chester	Chesterfield	2383WRGSCN114LD
177	Argos Ready Mix Bryan Park Concrete Plant	0	4607 Racrete Rd -	Richmond	Henrico	23230RDYMX457RA
178	Westrock / Seven Hills LLC	0	1801 Concord Turnpike	Lynchburg	Lynchburg (city)	24505MDPPR1801C
179	Arkema Inc. Franklin Plant	0	27047 Shady Brook Trail	Courtland	Southampton	2383WRKMNC2747S
180	Associated Asphalt Bristol, LLC	0	10 Spurgeon Lane	Bristol	Bristol (city)	2420WSSCTD1SPUR
181	Banker Steel Company, LLC	0	351 Rangoon Road	Lynchburg	Campbell	2450WBNKRS351RA
182	Associated Asphalt Roanoke, LLC	0	2677 Roanoke Ave SW	Roanoke	Roanoke (city)	24015SSCTD2677R

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183	Anheuser-Busch LLC	0	7801 Pocahontas Trail -	Williamsburg	James City	23185NHSRB7801P
184	Webb Enterprises LLC American Mirror	0	602 E Stuart Dr	Galax	Galax (city)	24333MRCNMPOBOX
185	VPGC LLC Broadway Feedmil	0	410 S Main St	Broadway	Rockingham	22815WMPLRRTE42
186	Bae Systems Information & Electronic Systems Integration I	0	9300 Wellington Rd	Manassas	Prince William	20110BSYSN9300W
187	Bae Systems Norfolk Ship Repair	0	750 W Berkley Ave	Norfolk	Norfolk (city)	23501NRFLKFOOTO

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188	Voestalpine High Performance Metals - South Boston Plant	0	2306 Eastover Dr -	South Boston	Halifax	24592CKCMPSTATE
189	Ball Advanced Aluminum Technologies Corp	0	56 Dunsmore Rd	Verona	Augusta	24482NMNSLLAURE
190	Ball Metal Beverage Container Corp	0	8935 Pocahontas Trail James River Commerce Center	Williamsburg	James City	23185BLLPC8935P
191	Chesterfield Power Station	0	500 Coxendale Rd -	Chester	Chesterfield	23836CHSTR500CO
192	Associated Asphalt Hopewell LLC	0	410 Water St	Hopewell	Hopewell (city)	2386WSSCTD41WAT

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193	Allied Aviation Fueling Co Inc.	0	Ronald Reagan National Airport	Arlington	Arlington	22202GDNVTRONAL
194	ABB Inc.	0	171 Industry Drive	Bland	Bland	24315BBPWRSTRTE
195	ABB Inc.	0	2135 Philpott Rd	South Boston	Halifax	24592WSTNGHIGHW
196	Accutec Blades, Inc.	0	57 Razor Blade Ln	Verona	Augusta	24482MRCNSRAZOR
197	Yokohama Tire Corporation	0	1500 Indiana Street	Salem	Roanoke	24153MHWKR1500I
198	AERC Recycling Solutions	0	3301 Rosedale Ave Ste D	Richmond	Richmond (city)	23230RCCMN33RSE
199	AFETA Camp Peary	0	1100 Executive Drive	Williamsburg	York	2318WFTCMP11EXE
200	AGC Flat Glass Na Abingdon Plant	0	18370 Oak Park Dr	Abingdon	Washington	24210FGCTN1837A

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201	Akzo Nobel Coatings Inc.	0	2837 Roanoke Ave SW	Roanoke	Roanoke (city)	24015RLNCN2837R
202	Arbortech Forest Products, Inc.	0	500 Dearing Avenue	Blackstone	Nottoway	2382WRBRTC5DEAR
203	Wood Preservers Inc.	0	15939 History Land Hwy	Warsaw	Richmond	22572WDPRSROUTE
204	Appalachian Plastics Inc.	0	34001 Glove Dr	Glade Spring	Washington	24340PPLCHPOBOX
205	Altec Industries, Inc.	0	325 South Center Drive	Daleville	Botetourt	2408WLTCND325SU
206	Amelia Lumber Co Inc.	0	8680 Crowder St	Amelia Court House	Amelia	23002MLLMB16951
207	American Buildings Company-La Crosse	0	501 Golden Eagle Dr	La Crosse	Mecklenburg	23950MRCNB51GLD
208	American GFM Corp	0	1200 Cavalier Blvd	Chesapeake	Chesapeake (city)	23323MRCNG1200C

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209	Ampac Fine Chemicals Virginia, LLC	0	2820 N Normandy Dr	Petersburg	Petersburg (city)	2380WMPCFN282NN
210	Amsted Rail Co Inc.	0	2580 Frontage Rd	Petersburg	Petersburg (city)	23804BRNCNPETER
211	Anchor An Oldcastle Co	0	16326 Ind Us Trial Dr -	Milford	Caroline	22514MRCNS16326
212	Bassett Plant 11	0	Patriot Centre At Beaver Creek	Martinsville	Henry	24112BSSTTPATRI
213	Aleris Rolled Products Inc.	0	1701 Reymet Rd	Richmond	Chesterfield	23237TRNST1801R
214	Chemetrics Inc.	0	4295 Catlett Rd	Midland	Fauquier	20138CHMTR4295C
215	Virginia Marble Manufacturers Inc.	0	1201 5Th Ave	Kenbridge	Lunenburg	23944VRGNMPOBOX
216	Cargill Turkey Production LLC	0	1 Kratzer Rd	Harrisonburg	Rockingham	22802RCCFR1KRAT

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217	Carpenter Co Richmond Plant	0	2400 Jefferson Davis Hwy -	Richmond	Richmond (city)	23234RCRPN2400J
218	Carry-On Trailer Corp	0	617 Harry Hogan Rd -	Callao	Northumberland	22435CRRYN617HA
219	Virginia Concrete Woodbridge Plant	0	936 Annapolis Way	Woodbridge	Prince William	2219WVRGNC936AN
220	Virginia Concrete Spotsylvania Plant	0	6110 Smith Station Road	Fredericksburg	Spotsylvania	2240WVRGNC611SM
221	Virginia Concrete Shirlington Plant	0	2651 Shirlington Rd	Arlington	Arlington	22206VRGNC2651S
222	Banker Steel Company, LLC	0	1619 Wythe Rd	Lynchburg	Lynchburg (city)	24502MNTGB1619W
223	Chaparral (VA) Inc.	0	25801 Hofheimer Way -	Petersburg	Dinwiddie	23803CHPRR25801

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224	Cadmus Specialty Publications	0	2901 Byrdhill Rd	Richmond	Henrico	23228WLLMB2901B
225	Us Navy Fleet Combat Training Center ATL Dam Neck Range	0	1912 Regul Us Ave	Virginia Beach	Virginia Beach (city)	23461SNVYF1912R
226	Chemtreat Inc.	0	10040 Lickinghole Rd	Ashland	Hanover	23005CHMTR500LI
227	Hunt Country Propane	0	535 Jack Enders Blvd -	Berryville	Clarke	2261WHNTCN535JA
228	Church & Dwight Co Inc.	0	1851 Touchstone Rd	Colonial Heights	Chesterfield	23834LDNCR16101
229	City Point Energy Center	0	912 E Randolph Rd	Hopewell	Hopewell (city)	23860JMSRV912ER
230	Virginia Concrete Leesburg Plant	0	43048 Builders Ln	Ashburn	Loudoun	2207WVRGNC659BU

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231	CMC Rebar	0	9434 Crossroads Pkwy	Fredericksburg	Spotsylvania	22408SMRBR9434C
232	Colonial Circuits Inc.	0	1026 Warrenton Rd	Fredericksburg	Stafford	22405CLNLC1026W
233	Chantilly Ready Mix Concrete	0	25232 Willard Road -	Chantilly	Loudoun	2015WCHNTL25232
234	Boxley Materials Company Roanoke Ready Mix Plant	0	3830 Blue Ridge Dr SW	Roanoke	Roanoke (city)	24019BXLYC383BL
235	Bear Garden Generating Station	0	2608 C.G. Woodson Road -	New Canton	Buckingham	2312WBRGRD268CG
236	Bellemeade Power Station	0	1860 Commerce Rd -	Richmond	Richmond (city)	23224BLLMD1860C
237	Bellwood Printing Plant	0	2001 Reymet Rd	Richmond	Chesterfield	23237BLLWD2001R

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238	Bingham & Taylor	0	601 Nalle Pl	Culpeper	Culpeper	2270WBNGHM61NAL
239	Bleachtech LLC	0	2020 Bessemer Rd	Petersburg	Petersburg (city)	23805BLCHT22BES
240	Blue Ridge Fiberboard	0	250 Celotex Dr	Danville	Pittsylvania	24543WDFBRMASON
241	Blue Ridge Solvents & Coatings	0	3800 Original Henry Rd -	Henry	Franklin	24102BLRDGSTATE
242	Blue Ridge Wood Preserving Inc.	0	1220 Hendricks Store Rd	Moneta	Bedford	24523SMTHMPOBOX
243	Virginia Marble Manufacturers Inc.	0	Corner Of Brunswick & Oak St	Kenbridge	Lunenburg	23944VRGNMCORNE
244	Bondcote Corp	0	509 Burgis Ave	Pulaski	Pulaski	24301WSTPNBURGI
245	Cameron Chemical Inc.	0	830 Old Dill Rd.	Suffolk	Suffolk (city)	2343WCMRNC83LDD

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246	Branscome Inc.-Norfolk Westminster	0	3425 Westminster Ave	Norfolk	Norfolk (city)	23504BRNSC3425W
247	Branscome-Hampton	0	1922 W Pembroke Ave	Hampton	Hampton (city)	23661BRNSC1922W
248	Branscome-Lee Hall	0	9393 Merrimac Trail	Williamsburg	James City	23185BRNSC9393M
249	Bren Mar	0	6315 Bren Mar Dr	Alexandria	Fairfax	2231WBRNMR6315B
250	Bridgewater Processing Plant Facility #08	0	100 Quality St.	Bridgewater	Rockingham	22812PRDNC100QU
251	Bush Center For Intelligence (Cia)	0	1000 Colonial Farm Rd	Mc Lean	Fairfax	2210WCHDQRRUTES
252	Virginia Mirror Co Inc.	0	300 S Moss St -	Martinsville	Henry	24112VRGNM300MO
253	Colonna's Shipyard Inc.	0	400 E Indian River Rd	Norfolk	Norfolk (city)	23523CLNNS400EI

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254	Boar's Head-Petersburg	0	1950 Industry Place	Petersburg	Petersburg (city)	23805BRSHD195IN
255	Samuel Pressure Vessel Group - Lebanon	0	58 Samuel Way	Lebanon	Russell	2426WSTLFB58SAM
256	Spotsylvania Plant	0	8520 Indian Hills Ct. -	Fredericksburg	Spotsylvania	2240WSPTSY852IN
257	United States Gypsum Co	0	1424 S Main St	Norfolk	Norfolk (city)	23523NTDST1001B
258	RPS Composites Virginia, Inc.	0	211 E 4Th St	Front Royal	Warren	22630SHNND210E4
259	RTI Martinsville Inc.	0	101 RTI Way	Martinsville	Henry	2411WRTMRT11RTI
260	Ruffin Creek Properties LLC	0	10229 Tidewater Trail	Fredericksburg	Spotsylvania	22408RFFNC10229
261	S.L. Williamson Co. Inc. Shop	0	1230 River Road	Charlottesville	Albemarle	2290WSLWLL123RI

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262	U.S. Navy Norfolk Naval Shipyard	0	Intersection Of Effingham St & George Washington H	Portsmouth	Portsmouth (city)	23709SDDSNINTER
263	Safety-Kleen Systems Chester (CVA)	0	1200 W 100 Rd	Chester	Chesterfield	23831SFTYK1200W
264	River Pools And Spas	0	196 Selftown Rd	Warsaw	Richmond	2257WRVRPL196SE
265	Safety-Kleen Systems Vinton (ROA)	0	16090 Stewartsville Rd	Vinton	Roanoke	24179SFTYKRTE24
266	Rexnord Industries LLC	0	150 Johnson Dr	Stuarts Draft	Augusta	24477PTCMPRTS34
267	Schrader-Bridgeport International	0	205 Frazier Rd	Altavista	Campbell	24517PDMNT205FR
268	SICPA Securink Corp	0	8000 Research Way	Springfield	Fairfax	22153SCPVR8000R
269	Slocum Adhesives Corp	0	1409 Buchanan St	Lynchburg	Lynchburg (city)	24501SLCMC1409B

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270	Smithfield-Smithfield Facility (North)	0	601 N Church St	Smithfield	Isle of Wight	23430GWLTNHIGHW
271	Solenis LLC	0	27123 Shady Brook Trail	Courtland	Southampton	23851HRCLSROUTE
272	Sonoco Richmond	0	1850 Commerce Rd -	Richmond	Richmond	23224SNCPR1850C
273	South Atlantic Galvanizing LLC	0	11022 Lewistown Rd -	Ashland	Hanover	23005VRGNGSTATE
274	UPACO Adhesives Inc.	0	4105 Castlewood Rd	Richmond	Richmond (city)	23234PCDHS4105C
275	Safety-Kleen Systems Manassas (Man)	0	11520 Balls Ford Rd	Manassas	Prince William	22110SFTYK11520
276	Qualichem, Inc. Plant 1	0	2003 Salem Industrial Dr	Salem	Salem (city)	2415WQLCHM23SAL

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277	Us Navy Joint Expeditionary Fort Story Range	0	300 Guadalcanal Rd	Virginia Beach	Virginia Beach (city)	2345WSNVYJ3GUAD
278	Pine Products Inc.	0	315 Carver Rd	Martinsville	Henry	24112PNPRD315CA
279	Plains Marketing LP Yorktown	0	2201 Goodwin Neck Rd	Yorktown	York	23692MCLCM2201G
280	Polynt Composites USA Inc.	0	920 Tightsqueeze Industrial Rd -	Chatham	Pittsylvania	24531FRMNRPITTS
281	Possum Point Power Station	0	19000 Possum Point Rd -	Dumfries	Prince William	22026PSSMP19000
282	Potomac Supply LLC	0	1398 Kinsale Rd	Kinsale	Westmoreland	22488PTMCSROUTE
283	Pre Con, Inc.	0	321 Brown St	Petersburg	Petersburg (city)	2380WPRCNN321BR
284	Prochem, Inc.	0	5100 Enterprise Dr	Elliston	Montgomery	24087PRCHM51ENT

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285	Roanoke Cement Co LLC	0	6071 Catawba Rd	Troutville	Botetourt	24175RNKCM5555C
286	QPI Warsaw Bulk Plant	0	11549 Historyland Hwy -	Warsaw	Richmond	2257WQPWRS11549
287	St Tissue LLC	0	34050 Union Camp Dr -	Franklin	Isle of Wight	2385WSTTSS345UN
288	Qualichem, Inc. Plant 2	0	510 Branch Dr	Salem	Salem (city)	2415WQLCHM51BRA
289	Quarles Petroleum Inc. Harrisonburg Bulk Plant	0	1006 W Market St -	Harrisonburg	Harrisonburg (city)	22801QRLSP1006W
290	Quarles Petroleum Inc. Culpeper Bulk Plant	0	15427 Brandy Rd -	Culpeper	Culpeper	22701QRLSP15427
291	Quarles Petroleum Inc. Front Royal Bulk Plant	0	195 Commerce Ave -	Front Royal	Warren	22630QRLSP195CO

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292	Quarles Petroleum Inc. Manassas Bulk Plant	0	8001 Wellingford Dr -	Manassas	Prince William	20109QRLSP8001W
293	Quarles Petroleum Inc. Winchester Bulk Plant	0	779 Smithfield Ave -	Winchester	Frederick	22601QRLSP779SM
294	Univar USA Inc. Chester Facility	0	1001 Old Bermuda Hundred Rd	Chester	Chesterfield	23836PRLLM1001O
295	Remington Power Station	0	12025 Lucky Hill Road -	Remington	Fauquier	2273WDMNNR1225L
296	Pugh Lubricants Ashland	0	10992 Leadbetter Rd -	Ashland	Hanover	23005PGHLB1992L
297	Titan Virginia Ready-Mix LLC-Sterling Plant	0	22963 Concrete Plaza	Sterling	Loudoun	2016WTTNVR22963

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298	Southern Graphic Systems LLC	0	5301 Lewis Rd	Sandston	Henrico	23150STHRN531LE
299	Tidewater Wood Products, LLC	0	5604 City Line Rd	Hampton	Hampton (city)	23661CMMNW5604C
300	Titan Virginia Ready-Mix LLC - Campostella Plant	0	2125 Kimball Terrace	Norfolk	Norfolk (city)	2350WTTNVR2125K
301	Titan Virginia Ready-Mix LLC-Centreville Plant	0	15718 Lee Hwy	Centreville	Fairfax	2202WTTNVR15718
302	Titan Virginia Ready-Mix LLC-Clear Brook Plant	0	1383 Brucetown Rd	Clear Brook	Frederick	2262WTTNVR1383B

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303	Titan Virginia Ready-Mix LLC-Dumfries Plant	0	3454 Canal Rd	Dumfries	Prince William	2202WTTNVR3454C
304	Titan Virginia Ready-Mix LLC-Leesburg Plant	0	42105 Cochran Mill Rd	Leesburg	Loudoun	2017WTTNVR4215C
305	Titan Virginia Ready-Mix LLC-Port Norfolk Plant	0	101 Chautauqua Ave	Portsmouth	Portsmouth (city)	2370WTTNVR11CHA
306	The Goodyear Tire & Rubber Co.	0	1901 Goodyear Blvd	Danville	Danville (city)	24541THGDY1435G
307	Titan Virginia Ready-Mix LLC-Stafford Plant	0	48 Powell Ln	Falmouth	Stafford	2240WTTNVR48PWE

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308	Tenneco Walker Manufacturing Co	0	3160 Abbott Ln	Harrisonburg	Harrisonburg (city)	22801WLKRM3160A
309	Titan Virginia Ready-Mix LLC-Suffolk Plant	0	1408 Holland Road	Suffolk	Suffolk (city)	2343WTTNVR148HL
310	Titan Wheel Corp Of Virginia	0	227 Allison Gap Rd	Saltville	Smyth	24370TDWHL227AL
311	TMS International, LLC	0	25805 Hofheimer Way	Petersburg	Dinwiddie	23803MSDVT2585H
312	U.S. DOJ FBI Training Academy	0	Mcb-4 Building 15-Fmu	Quantico	Stafford	22135SDJFBMCB4B
313	Trex - Virginia Manufacturing Operations	0	3229 Shawnee Drive	Winchester	Frederick	2260WTRXWN3229S

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314	U.S. DoD, USAF, Joint Base Langley Eustis - Langley AFB	0	633 CES/CEIE 37 Sweeney Blvd	Langley AFB	Hampton (city)	23665SRFRC1CESC
315	Tyson Farms Inc. - Feed Mill	0	1938 Patrick Henry Hwy	Jetersville	Nottoway	23083HLLYFUSHWY
316	U.S. Army Garrison Fort Lee VA - Ranges	0	825, 19Th Street, Bldg 6005	Fort Lee	Prince George	23801SRMYC3901A
317	Titan Virginia Ready-Mix LLC-Springfield Plant	0	6600 Electronic Dr	Springfield	Fairfax	22151STHRN6600E
318	Superior Concrete Inc.-Harrisonburg	0	1526 County Club Rd	Harrisonburg	Rockingham	2280WSPRRC1526C
319	Stafford Plant	0	169 Wyche Rd -	Stafford	Stafford	2255WSTFFR169WY

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320	Steel Dynamics Inc. Roanoke Bar Div.	0	102 Westside Blvd	Roanoke	Roanoke (city)	24017RNKLC102WE
321	Steelfab Of Virginia Inc.	0	1510 Reese St	Emporia	Greensville	23847STFBF1510R
322	Stella Jones Corp-Goshen Facility	0	9223 Maury River Rd	Goshen	Rockbridge	24439THBRKSTATE
323	Stihl Inc.	0	536 Viking Dr	Virginia Beach	Virginia Beach (city)	23450STHLN536VI
324	Strongwell Corp Bristol	0	400 Commonwealth Ave	Bristol	Bristol (city)	24203MRRSN400CO
325	Strongwell Corp Highlands Div.	0	26770 Newbanks Rd	Abingdon	Washington	24210STRNG26770
326	Sun Chemical Corp	0	16000 Continental Blvd -	Colonial Heights	Colonial Heights (city)	23834SNCHM16000

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327	The Lane Construction Corporation	0	5601 Courtney Avenue	Alexandria	Alexandria (city)	2230WTHLNC561CU
328	Super Radiator Coils	0	451 Southlake Blvd	Richmond	Chesterfield	23236SPRRD451SO
329	Us Army Fort AP Hill Garrison (Part)	0	19952 N Range Rd	Bowling Green	Caroline	22427SRMYF18902
330	Superior Concrete Materials Inc. - Dulles	0	44146 Wade Dr	Chantilly	Loudoun	2015WSPRRC44146
331	Superior Concrete Materials Inc. - Lorton	0	8420 Terminal Rd	Lorton	Fairfax	2207WSPRRC842TE
332	Taylor & Boody Inc.	0	8 Hewitt Rd	Staunton	Augusta	24401TYLRB8HEWE
333	TCS Materials Chester Plant	0	12020 Old Stage Road	Chester	Chesterfield	2383WTCSMT122LD

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334	TCS Materials Newport News	0	700 Shields Rd	Newport News	Newport News (city)	2318WTCSMT7SHIE
335	TCS Materials Richmond Plant	0	2100 Deepwater Terminal Road	Richmond	Richmond (city)	2322WTCSMT21DEE
336	TE Connectivity	0	751 Old Brandy Rd	Culpeper	Culpeper	22701THRCH751OL
337	Tempur Production USA Inc.	0	203 Tempurpedic Dr	Duffield	Scott	24244TMPRP4700B
338	Sunlite Plastics Inc.	0	846 Keezletown Rd	Weyers Cave	Augusta	24486SNLGHROUTE
339	US DHS Mt Weather EOC	0	19844 Blue Ridge Mountain Rd	Bluemont	Loudoun	20135SDHSM19844
340	Us Coast Guard Training Center Yorktown	0	1 Us Coast Guard Training Center	Yorktown	York	23690SCSTGENDOF

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
341	Ladysmith Combustion Turbine Station	0	8063 Cedon Rd -	Woodford	Caroline	22580LDYSM863CE
342	Us DoD, Warrenton Training Center Station B Range	0	7471 Bear Wallow Road	Warrenton	Fauquier	2018WSDDSR7471B
343	Lhoist Na Of Virginia Inc. Kimballton Area 1	0	2093 Big Stony Creek Rd	Ripplemead	Giles	24150CHMCL2093B
344	LSC Communications / Harrisonburg N	0	2347 Kratzer Rd -	Harrisonburg	Rockingham	22801RRDNN1400K
345	LSC Communications / Lynchburg	0	4201 Murray Pl	Lynchburg	Lynchburg (city)	24506MRDTH4201M

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
346	Madison Wood Preservers Inc.	0	216 Oak Park Rd	Madison	Madison	22727MDSNWSTARR
347	Manassas Broad Run Ready Mix Concrete	0	9321 Developers Drive -	Manassas	Prince William	2010WMNSSS9321D
348	Us DoD, Warrenton Training Center Station C Range	0	7248 Sumerduck Rd	Remington	Fauquier	2273WSDDSR7248S
349	Mar-Bal, Inc.	0	5400 Reserve Way	Dublin	Pulaski	24084MRBLN5400R
350	KMX Chemical Corp	0	30474 Energy Dr	New Church	Accomack	23415NWCHRRT709
351	Masco Cabinetry LLC	0	641 Maddox Dr	Culpeper	Culpeper	22701WDCBN641MA
352	Mastic Home Exteriors Stuarts Draft	0	185 Johnson Dr	Stuarts Draft	Augusta	24477LCBLDRTE90

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
353	Mechanicsville Concrete LLC-Airport Plant (Oakleys Lane)	0	4481 Oakleys Ln	Henrico	Henrico	2322WMCHNC4481A
354	Mechanicsville Concrete LLC-Chesterfield Plant	0	3501 Warbro Rd	Midlothian	Chesterfield	2311WMCHNC351WA
355	Mechanicsville Concrete LLC-Petersburg Plant	0	26317 Simpson Rd	Petersburg	Dinwiddie	2380WMCHNC26317
356	Us Defense Logistics Agency Defense Supply Center Richmond	0	8000 Jefferson Davis Hwy	Richmond	Chesterfield	23297DFNSG8000J
357	Zenith Fuel Systems LLC	0	14570 Industrial Park Rd	Bristol	Washington	24201FCTFL1048I

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
358	Pilgrim's Pride Corp Harrisonburg Feedmill	0	590 Mt Clinton Pike	Harrisonburg	Harrisonburg (city)	22801WMPLR590MT
359	Mapei Corp	0	300 Nelms Cir	Fredericksburg	Stafford	22406MPCRP3NELM
360	Jewell Coke Co LP	0	1034 Dismal River Rd	Oakwood	Buchanan	24656JWLLCHWY46
361	Hutchinson Sealing Systems Inc.	0	1150 S Third St	Wytheville	Wythe	24382KNGST1150S
362	Imperial Group Manufacturing Inc.	0	4969 Stepp Place	Dublin	Pulaski	2408WMPRLG4969S
363	Industrial Chemicals Inc.	0	2540 Bellwood Rd	Richmond	Chesterfield	23237NDLCH2540B
364	Medeco Security Locks Inc.	0	3625 Allegheny Dr	Salem	Roanoke	24153MDCSCUS11A
365	International Cold Storage	0	5678 Heards Mountain Rd	Covesville	Albemarle	22931NTRNTROUTE

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
366	U.S Navy Cheatham Annex Base	0	108 Sanda Ave Bldg 270	Williamsburg	York	23185SNVYC18SAN
367	Us Marine Corps Base Quantico Range Complex	0	3250 Catlin Ave	Quantico	Prince William	22134SDDSM3040M
368	IR Engraving LLC	0	5901 Lewis Rd	Sandston	Henrico	23150RNTRN5901L
369	Kyanite Mining Corp Mullite Plant	0	5836 Buffalo Road -	Dillwyn	Buckingham	23936KYNTMRTE15
370	JCI Jones Chemicals Inc.	0	16248 Industrial Dr	Milford	Caroline	22514JNSCHRT640
371	Metalsa Roanoke Inc.	0	184 Vista Dr	Roanoke	Botetourt	24019TWRTM184VI
372	Johns Manville Corp Hamilton Plant	0	7400 Ranco Rd -	Richmond	Henrico	23228MNVLL7400R

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
373	Joint Base Langley Eustis-Eustis (JBLE-Eustis)	0	705 Washinton Blvd	Fort Eustis	Newport News (city)	23604SDDSRFORTE
374	JTI Leaf Services (Us) LLC	0	202 Stinson Drive	Danville	Pittsylvania	2454WJTLFS22STI
375	Kaiser Aluminum Fabricated Products LLC	0	1901 Reymet Rd	Richmond	Chesterfield	23237RYNLD1901R
376	Kik (Virginia) LLC	0	27 Mill Ln	Salem	Roanoke	24153THDLC27MIL
377	King George Plant	0	13250 James Madison Parkway -	King George	King George	2248WKNGGR1325J
378	Kingspan Insulation LLC	0	172 Pactiv Way	Winchester	Frederick	22601MCFMPROUTE
379	Kinyo Virginia Inc.	0	290 Enterprise Dr	Newport News	Newport News (city)	23603KNYVR290EN

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
380	James Hardie Building Products Pulaski	0	1000 James Hardie Way -	Pulaski	Pulaski	24301JHBPP1JAME
381	Pallet One Of Virginia	0	820 Boyd St	Chase City	Mecklenburg	2392WPLLTN82BYD
382	Mennel Milling Co Of Virginia	0	5185 Benois Rd -	Roanoke	Roanoke	24018MNNLM5185B
383	Novozymes	0	420 Kesler Mill Rd	Salem	Roanoke	24153NVZYM42KES
384	Old Dominion Electric Co-Op Louisa Generation Facility	0	3352 Klockner Rd -	Gordonsville	Louisa	22942LDDMN3352K
385	Old Dominion Electric Co-Op Marsh Run Generation Facility	0	12109 Lucky Hill Rd -	Remington	Fauquier	22734LDDMN1219L

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
386	Omega Protein Inc.	0	610 Menhaden Rd	Reedville	Northumberland	22530ZPTHYPOBOX
387	O-N Minerals (Chemstone) Strasburg Lime Plant	0	1696 Oranda Rd	Strasburg	Shenandoah	22657GLBLS1696O
388	O-N Minerals (Chemstone) Winchester Lime Plant	0	508 Quarry Ln	Clear Brook	Frederick	22624GLBLSONEQU
389	Onduline Na	0	4900 Ondura Dr	Fredericksburg	Spotsylvania	22401NDLNN4900O
390	Nordson Xaloy Inc.	0	102 Xaloy Way -	Pulaski	Pulaski	24301XLYNC101XA
391	Owens-Brockway Glass Container Inc. Plant 29	0	29 Glassblower Ln	Ringgold	Pittsylvania	24586WNSBRSTATE
392	Norcraft Companies	0	1 Millrace Dr	Lynchburg	Lynchburg (city)	24502STRMR1MILL

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
393	PAPCO Inc.	0	4920 Southern Blvd -	Virginia Beach	Virginia Beach (city)	2346WPPCNC492SU
394	PAPCO Oil Company	0	407 Jefferson Avenue -	Newport News	Newport News (city)	2360WPPCLC47JEF
395	Parker Hannifin Integrated Sea Ls Division	0	3700 Mayflower Dr	Lynchburg	Campbell	24501WYNNS3700M
396	Pascor Atlantic Corp	0	254 Industry Dr	Bland	Bland	24315PSCSTRTE1B
397	Pentagon Reservation	0	2 N Rotary Rd -	Arlington	Arlington	2220WPNTRSNRTAR
398	Us Army Joint Base Myer-Henderson Hall Garrison Ops (Part)	0	204 Lee Ave	Fort Myer	Arlington	2221WSRMYJ24LEE
399	Perdue Farms Inc.-Chesapeake Grain	0	501A Barnes Rd	Chesapeake	Chesapeake (city)	23324CRGLL501BA

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
400	Us Army Garrison Fort Belvoir	0	9430 Jackson Loop -	Fort Belvoir	Fairfax	2206WSRMYF943JA
401	Us Army National Guard CTC Camp Pendleton (Ranges)	0	203 Red Horse Drive	Virginia Beach	Virginia Beach (city)	2345WCTCCM23RED
402	Motiva Fairfax Terminal	0	3800 Pickett Rd	Fairfax	Fairfax (city)	22031FRFXT3800P
403	Metl-Span, A Division Of NCI Group, Inc.	0	6001 Quality Way -	Prince George	Prince George	23875MTLSP6001Q
404	Mica Co Of Canada Inc.	0	900 Jefferson Ave	Newport News	Newport News (city)	23607MCCMP900JE
405	Micrometrics System	0	225 Jeb Stuart Hwy	Meadows Of Dan	Patrick	24120MCRMT2900W
406	Us Coast Guard Base Portsmouth	0	4000 Coast Guard Blvd	Portsmouth	Portsmouth (city)	23701SDTSC4000C

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
407	US CBP Canine Training Facility Firing Range #Va0040	0	828 Harmony Hollow Rd	Front Royal	Warren	22630SCSTM828HA
408	Mitsubishi Chemical Composites America	0	401 Volvo Pkwy	Chesapeake	Chesapeake (city)	23320MTSBS401VA
409	Modine Manufacturing Co	0	1221 Magnolia Ave	Buena Vista	Rockbridge	24416MDNMN1221M
410	Mondelez Global LLC	0	6002 S Laburnum Ave -	Richmond	Richmond	23231NBSCB6002S
411	Northrop Grumman Systems Corpo Ration	0	1070 Seminole Trail	Charlottesville	Albemarle	22906SPRRY1070S

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
412	Morgan Lumber Company, Inc.	0	628 Jeb Stuart Highway -	Red Oak	Charlotte	2396WMRGNL628JE
413	Huntington Ingalls Incorporated	0	4101 Washington Ave	Newport News	Newport News (city)	23607NWPRT4101W
414	Munters	0	225 S Magnolia Ave	Buena Vista	Rockbridge	2441WDSCHM225SM
415	Murphy-Brown LLC Waverly Feed Mill	0	27404 Cabin Point Rd -	Waverly	Sussex	23890MRPHY27404
416	MXI Environmental Services, LLC	0	26319 Old Trail Rd (St Rte. 679)	Abingdon	Washington	2421WMXNVR26319
417	Nationwide Homes Inc.	0	1100 Rives Rd	Martinsville	Henry	24112NTNWD100RI
418	US Army National Guard Fort Pickett (Installation)	0	US PFO Building 316 Fort Pickett	Blackstone	Nottoway	23824SRMYM316RI

Rank	Facility Name	Total On-Site Management (lbs)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
419	New Millennium Building Systems	0	100 Diuguids Lane	Salem	Roanoke	24153JHNWH2535D
420	Newington Concrete Plant	0	8413 Terminal Rd	Lorton	Fairfax	22122NWNGT8413T
421	NIBCO of Virginia Inc.	0	131 Johnson Drive	Stuarts Draft	Augusta	24477NBCNCROUTE
422	Moog Inc.	0	1213 N Main St	Blacksburg	Montgomery	24060LTTNP1213N

APPENDIX J-1 - 2017 VA TRI Jurisdiction Ranking By On-Site Releases

APPENDIX J-1 - 2017 VA TRI JURISDICTION RANKING BY ON-SITE RELEASES (Excludes Dioxin and Dioxin-like Compounds)

Rank	County or City	Total On-Site Release (Pounds)	Total Air Release (Pounds)	Total Land (Pounds)	Total Water Release (Pounds)
1	Montgomery	9,281,476	372,700	0	8,908,776
2	Covington (city)	2,774,125	2,452,640	274,900	46,584
3	Chesterfield	2,582,548	1,936,799	556,961	88,788
4	Hopewell (city)	2,512,531	2,403,851	0	108,680
5	Isle of Wight	1,584,824	1,528,092	0	56,732
6	Accomack	1,239,650	111,927	0	1,127,723
7	Buchanan	1,208,177	1,208,177	0	0
8	Wise	990,593	193,443	797,150	0
9	Halifax	926,582	434,941	488,600	3,041
10	King William	853,468	749,195	0	104,273
11	Campbell	595,138	92,403	4,586	498,148
12	Henry	587,664	587,664	0	0
13	James City	498,916	498,916	0	0
14	Newport News (city)	494,511	273,153	209,998	11,360
15	Bedford	445,268	371,765	55,214	18,289
16	Hanover	354,375	313,132	0	41,243
17	Amherst	332,296	330,545	0	1,751
18	Giles	328,380	261,520	10,138	56,722
19	Chesapeake (city)	253,402	233,256	20,146	0
20	Shenandoah	227,469	176,953	16	50,500
21	Pittsylvania	222,177	222,177	0	0
22	Rockingham	200,150	62,073	60,810	77,267
23	Botetourt	155,231	154,117	1,094	20
24	Nottoway	155,195	397	154,787	11
25	Richmond	139,810	139,809	0	1
26	Lynchburg (city)	139,337	139,247	0	90
27	Arlington	126,493	126,205	0	288
28	Lunenburg	112,492	112,492	0	0
29	York	97,417	92,610	3,367	1,440

Rank	County or City	Total On-Site Release (Pounds)	Total Air Release (Pounds)	Total Land (Pounds)	Total Water Release (Pounds)
30	Richmond (city)	95,271	94,769	0	502
31	Prince William	85,565	32,665	3	52,897
32	Frederick	82,111	60,226	21,885	0
33	Washington	81,081	80,995	0	86
34	Norfolk (city)	80,972	77,437	2,399	1,136
35	Carroll	59,527	59,527	0	0
36	Roanoke (city)	49,328	48,521	0	807
37	Caroline	48,468	1,716	44,515	2,237
38	Greensville	44,694	44,690	0	4
39	Portsmouth (city)	42,896	41,561	330	1,005
40	Warren	38,838	38,838	0	0
41	Augusta	38,345	31,325	0	7,020
42	Bristol (city)	35,772	35,772	0	0
43	Virginia Beach (city)	31,156	10,871	497	19,788
44	Roanoke	30,804	30,770	0	35
45	Southampton	28,607	28,549	0	58
46	Prince George	25,983	21,851	4,132	0
47	Henrico	21,756	21,718	0	39
48	Culpeper	21,307	21,307	0	0
49	Spotsylvania	20,394	20,394	0	0
50	Westmoreland	15,066	15,066	0	0
51	Northumberland	13,126	13,000	0	126
52	Petersburg (city)	11,191	5,918	0	5,273
53	Galax (city)	11,109	11,109	0	0
54	Suffolk (city)	9,661	9,646	0	15
55	Pulaski	9,547	9,547	0	0
56	Loudoun	9,326	8,828	5	493
57	Winchester (city)	9,254	9,254	0	0
58	Buckingham	8,543	8,543	0	0
59	Fauquier	8,100	8,100	0	0

Rank	County or City	Total On-Site Release (Pounds)	Total Air Release (Pounds)	Total Land (Pounds)	Total Water Release (Pounds)
60	Rockbridge	6,774	6,774	0	1
61	King George	5,601	5,601	0	0
62	Hampton (city)	4,066	4,066	0	0
63	Fairfax (city)	1,536	1,536	0	0
64	Lee	1,440	1	1,439	0
65	Fairfax	882	317	1	565
66	Wythe	828	828	0	0
67	Dinwiddie	774	692	0	81
68	Charlotte	431	16	415	0
69	Danville (city)	366	259	0	107
70	Brunswick	363	363	0	0
71	Smyth	362	362	0	0
72	Mecklenburg	172	169	0	3
73	Stafford	163	159	4	0
74	Russell	89	76	0	13
75	Salem (city)	13	3	0	10
76	Colonial Heights (city)	12	12	0	0
77	Scott	10	10	0	0
78	Sussex	6	6	0	0
79	Buena Vista (city)	6	6	0	0
80	Albemarle	1	1	0	0
81	Alexandria (city)	1	1	0	0
82	Falls Church (city)	0	0	0	0
83	Bland	0	0	0	0
84	Amelia	0	0	0	0
85	Harrisonburg (city)	0	0	0	0
86	Louisa	0	0	0	0
87	Clarke	0	0	0	0
88	Franklin	0	0	0	0
89	Patrick	0	0	0	0

Rank	County or City	Total On-Site Release (Pounds)	Total Air Release (Pounds)	Total Land (Pounds)	Total Water Release (Pounds)
90	Cumberland	0	0	0	0
91	Madison	0	0	0	0

APPENDIX J-2 - 2017 VA TRI Jurisdiction Ranking By On-Site Management

APPENDIX J-2 - 2017 VA TRI JURISDICTION RANKING BY ON-SITE MANAGEMENT
(Excludes Dioxin and Dioxin-like Compounds)

Rank	County or City	Total On-Site Management (Pounds)	Total Energy Recovery On-Site (Pounds)	Total Recycled On-Site (Pounds)	Total Treated On-Site (Pounds)
1	Hopewell (city)	343,695,008	1,106,572	0	11,286,437
2	Chesterfield	312,561,407	259	589,370	718,419
3	Montgomery	40,474,575	0	331,598	236,828
4	Covington (city)	31,570,677	687,117	0	0
5	Isle of Wight	18,333,576	0	17	1,011,663
6	Warren	13,067,992	0	18,694	82,001
7	Shenandoah	6,720,221	0	198,851	3,973
8	King William	5,526,618	0	0	0
9	Henry	5,225,128	854,594	1,480,721	130,664
10	Pittsylvania	4,104,216	0	330,372	6,312
11	Suffolk (city)	3,811,814	0	0	36,078
12	Campbell	3,319,064	0	2,357,874	22,476
13	Wise	3,303,000	0	0	0
14	Accomack	2,960,100	0	16	0
15	Halifax	2,689,699	40	1,120,224	0
16	Botetourt	1,423,494	0	178,332	34
17	Rockingham	1,364,045	0	0	424,509
18	Prince William	1,345,000	0	411,886	98,000
19	Giles	1,195,851	1,021,394	19	63
20	Hanover	1,158,841	0	198,348	1,520
21	Winchester (city)	1,121,308	0	0	0
22	Richmond (city)	984,008	0	984,317	111,850
23	Roanoke (city)	890,000	0	3,020,389	18,200
24	King George	762,926	0	0	0
25	Roanoke	683,200	0	1,337,066	7,941
26	Bedford	666,733	0	0	0
27	Portsmouth (city)	471,981	0	761	84
28	Amherst	357,864	96,880	0	0

Rank	County or City	Total On-Site Management (Pounds)	Total Energy Recovery On-Site (Pounds)	Total Recycled On-Site (Pounds)	Total Treated On-Site (Pounds)
29	Prince George	237,394	0	0	0
30	Frederick	141,412	0	0	80,886
31	Washington	111,387	0	1,133,727	700
32	Newport News (city)	108,714	0	112,764	78,297
33	Augusta	93,581	0	1,536,438	20,400
34	Hampton (city)	71,212	0	250,411	42,616
35	Loudoun	56,685	0	175,415	44,414
36	Pulaski	49,172	0	266,980	0
37	York	43,221	0	51,610	0
38	Brunswick	36,292	0	0	0
39	Mecklenburg	28,800	0	49,455	0
40	Greensville	26,000	0	161,179	0
41	Westmoreland	23,059	0	2,719	0
42	Lynchburg (city)	10,183	0	189,906	2
43	Petersburg (city)	6,079	0	559,312	93,506
44	Virginia Beach (city)	5,638	0	208	0
45	Norfolk (city)	1,710	0	32,177	0
46	James City	15	0	8,940	1,358
47	Buckingham	0	0	0	0
48	Clarke	0	0	0	0
49	Wythe	0	0	0	0
50	Albemarle	0	0	0	0
51	Chesapeake (city)	0	0	66,578	137
52	Chesapeake	0	0	0	0
53	Charlotte	0	0	0	0
54	Carroll	0	0	0	0
55	Caroline	0	0	3,000	0
56	Bristol (city)	0	0	0	0

Rank	County or City	Total On-Site Management (Pounds)	Total Energy Recovery On-Site (Pounds)	Total Recycled On-Site (Pounds)	Total Treated On-Site (Pounds)
57	Alexandria (city)	0	0	0	0
58	Arlington	0	0	0	581
59	Buchanan	0	0	0	0
60	Colonial Heights (city)	0	0	0	0
61	Amelia	0	0	0	0
62	Fairfax	0	0	0	5
63	Rockbridge	0	0	287,016	0
64	Bland	0	0	555,517	0
65	Russell	0	0	13,195	0
66	Scott	0	0	0	3,074
67	Salem (city)	0	0	42,800	0
68	Buena Vista (city)	0	0	13,708	0
69	Southampton	0	0	0	257,328
70	Madison	0	0	0	0
71	Lunenburg	0	0	0	0
72	Louisa	0	0	0	0
73	Lee	0	0	0	0
74	Spotsylvania	0	0	0	0
75	Northumberland	0	0	3	0
76	Nottoway	0	0	0	0
77	Patrick	0	0	0	0
78	Stafford	0	0	77,285	251
79	Danville (city)	0	0	449,261	0
80	Smyth	0	0	300,815	0
81	Sussex	0	0	0	0
82	Henrico	0	0	56,546	53,627
83	Galax (city)	0	0	0	40
84	Richmond	0	0	0	0
85	Franklin	0	0	0	0
86	Fauquier	0	0	5,570	0

Rank	County or City	Total On-Site Management (Pounds)	Total Energy Recovery On-Site (Pounds)	Total Recycled On-Site (Pounds)	Total Treated On-Site (Pounds)
87	Falls Church (city)	0	0	0	0
88	Fairfax (city)	0	0	0	0
89	Dinwiddie	0	0	2,066,449	0
90	Cumberland	0	0	0	0
91	Culpeper	0	0	215,235	2,497
92	Harrisonburg (city)	0	0	813,663	0