2015 VIRGINIA TOXICS RELEASE INVENTORY REPORT

Summary of Data from 2015 Industry Reports

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

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. All parts of the DEQ and other 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.

TABLE OF CONTENTS

EXECUTIVE SUMMARY ..... **I**

INTRODUCTION **1**

PART ONE - VIRGINIA TRI REPORTING 1
Statutory and Regulatory Basis 1
Current Year (2015) Virginia Facility Reports 1
Changes to the 2015 Virginia TRI Report 1

PART TWO - NATIONAL TOXICS RELEASE INVENTORY REPORTING PROGRAM 2
The National Toxics Release Inventory 2
Facilities Which Must Report 2
Chemicals and Chemical Categories 3
Reporting Forms and Activities Which Must Be Reported 3

PART THREE - USES AND LIMITATIONS OF TRI DATA 5

CHAPTER ONE - 2015 VIRGINIA TRI DATA REVIEW **7**

PART ONE - 2015 OVERVIEW AND SUMMARY 7

PART TWO - ON-SITE RELEASES TO THE ENVIRONMENT 9
On-Site Releases to the Air 10
On-Site Releases to Water 11
On-Site Releases to the Land 12

PART THREE - OFF-SITE TRANSFERS 13
Transfers to Publicly Owned Treatment Works 14
Transfers to Other Off-Site Locations 15

PART FOUR - ON-SITE AND OFF-SITE MANAGEMENT 16

CHAPTER TWO - 2015 TRI DATA FOR PBT CHEMICALS **17**

CHAPTER THREE – INDUSTRIAL SECTORS, FACILITIES AND LOCATIONS **21**

PART ONE - INDUSTRIAL SECTORS 21
Industrial Sectors Reporting On-Site Releases of TRI Chemicals 21
Industrial Sectors Reporting On-Site Management of TRI Chemicals 23

PART TWO - FACILITIES 24
Facilities Reporting On-Site Releases of TRI Chemicals 24
Facilities Reporting On-Site Management of TRI Chemicals 25

PART THREE - JURISDICTIONS 26
Jurisdictions with Facilities Reporting On-Site Releases of TRI Chemicals 26
Jurisdictions with Facilities Reporting Other On-site Management of TRI Chemicals 27

CHAPTER FOUR – VIRGINIA TRI HISTORICAL COMPARISON **28**

CHAPTER FIVE - CONCLUSION **31**

APPENDICES:

APPENDIX A - GLOSSARY OF TERMS **1**

APPENDIX B - SUPPLEMENTARY RESOURCES **1**

APPENDIX C - TRI-COVERED INDUSTRY GROUPS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM **1**

APPENDIX D - 2015 VA TRI REPORTING FORMS **1**

APPENDIX E -VA TRI HISTORICAL TREND **1**

APPENDIX F - 2015 SUMMARY OF FACILITIES, CHEMICAL RELEASES, TRANSFERS, AND MANAGEMENT (NON-PBT) **1**

APPENDIX G - 2015 SUMMARY OF FACILITIES, CHEMICAL RELEASES, TRANSFERS, AND MANAGEMENT (PBT) **1**

APPENDIX H-1 - 2015 VA TRI NAICS CODE RANKING BY ON-SITE RELEASES **1**

APPENDIX H-2 - 2015 VA TRI NAICS CODE RANKING BY ON-SITE MANAGEMENT **1**

APPENDIX I-1 - 2015 VA TRI FACILITY RANKING BY ON-SITE RELEASES **1**

APPENDIX I-2 - 2015 VA TRI FACILITY RANKING BY ON-SITE MANAGEMENT **1**

APPENDIX J-2 - 2015 VA TRI JURISDICTION RANKING BY ON-SITE MANAGEMENT **1**

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 2015 TRI data represents the 29th year of data collection from facilities for distribution to the public.

This year's Virginia TRI Report covers calendar year 2015, 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 3, 2017. For calendar year 2015, 439 Virginia facilities filed 1,359 individual reports on the release, transfer, or management of TRI chemicals or chemical categories. This was a 0.68 percent increase from the 436 facilities and a 0.15 percent decrease from the 1,361 reports filed for calendar year 2014. In 2015, Virginia facilities reported the release, transfer, or management of 148 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 858.60 million pounds of TRI chemicals during calendar year 2015 (a 6.32 percent decrease from 2014). Of this total:

- 32.49 million pounds of TRI chemicals were released on-site at reporting Virginia facilities (a 7.66 percent decrease from 2014);
- 65.46 million pounds of TRI chemicals were transferred off-site from reporting Virginia facilities for treatment, recycling, energy recovery, or disposal (a 2.19 percent decrease from 2014); and
- 760.65 million pounds of TRI chemicals were managed on-site by treatment, recycling, or energy recovery (a 6.60 percent decrease from 2014).

TRI reports for reporting year 2015 show an increase in releases to water and a decrease in releases to air and land. Results from the most recent TRI data show:

- The total amount of TRI chemicals reported as released to air for 2015 decreased by 2.36 million pounds (11.62 percent) compared to 2014.
- The total amount of TRI chemicals reported as released to water for 2015 increased by 371,029 pounds (3.32 percent) compared to 2014.

- The total amount of TRI chemicals reported as released to land for 2015 decreased by 698,586 pounds (19.20 percent) compared to 2014.

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 of time, are not readily destroyed, and build up or accumulate in body tissue. According to the 2015 PBT reports:

- 223,108 pounds of PBT TRI chemicals were released on-site at reporting Virginia facilities;
- 804,856 pounds of PBT TRI chemicals were transferred off-site from reporting Virginia facilities for treatment, recycling, energy recovery, or disposal; and
- 247,934 pounds of PBT TRI chemicals were managed on-site by treatment, recycling, or energy recovery.

Dioxins and dioxin-like compounds account for 25.25 grams (approximately 0.06 pounds) of the PBT chemicals released, transferred, or managed by Virginia facilities during calendar year 2015.

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 2015 three reporting industrial sectors accounted for 76.19 percent of the total on-site releases to the environment. The top three reporting industrial sectors were: Chemical Manufacturing, Utilities, and Paper Manufacturing. 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 does not, however, represent a measure of the public's exposure to chemicals, nor do they assess risk. Most of the releases are regulated and permitted under other state and federal programs that are designed to protect human health and the environment. 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 2015. 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 (2015) 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 2015 activities on or before July 1, 2016. Therefore, data for calendar year 2015 are the most recent available for the March 2017 report. The TRI Report includes all facility reports and revisions received by DEQ on or before January 3, 2017. For reporting year 2015, 439 Virginia facilities filed 1,359 individual reports on the release or other management of TRI chemicals or chemical categories, which represents a slight increase from the 436 facilities and a slight decrease from the 1,361 reports that were filed for reporting year 2014. 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 2015 TRI report and appendices, as well as reporting years 2007-2015 TRI reports, are available to the public on DEQ's website at http://www.deq.virginia.gov/Programs/Air/AirQualityPlanningEmissions/SARATitleIII/SARA313ToxicsReleaseInventory.aspx.

In 2015, Virginia facilities reported the release, transfer, or management of 148 of the more than 650 chemicals and chemical categories that are subject to TRI reporting requirements.

Changes to the 2015 Virginia TRI Report

Continuing the policy changes which began with the 2002 report, an EPA final ruling requiring the reporting of the Nonylphenol chemical category became effective on September 30, 2014 and is applicable to reporting year 2015.

[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 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 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 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.

[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.

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 2015 reports is available to the public on EPA's website at http://www2.epa.gov/toxics-release-inventory-tri-program/tri-listed-chemicals.

For 2015, Virginia facilities reported the release, transfer, or management of 148 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, 2015, 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:

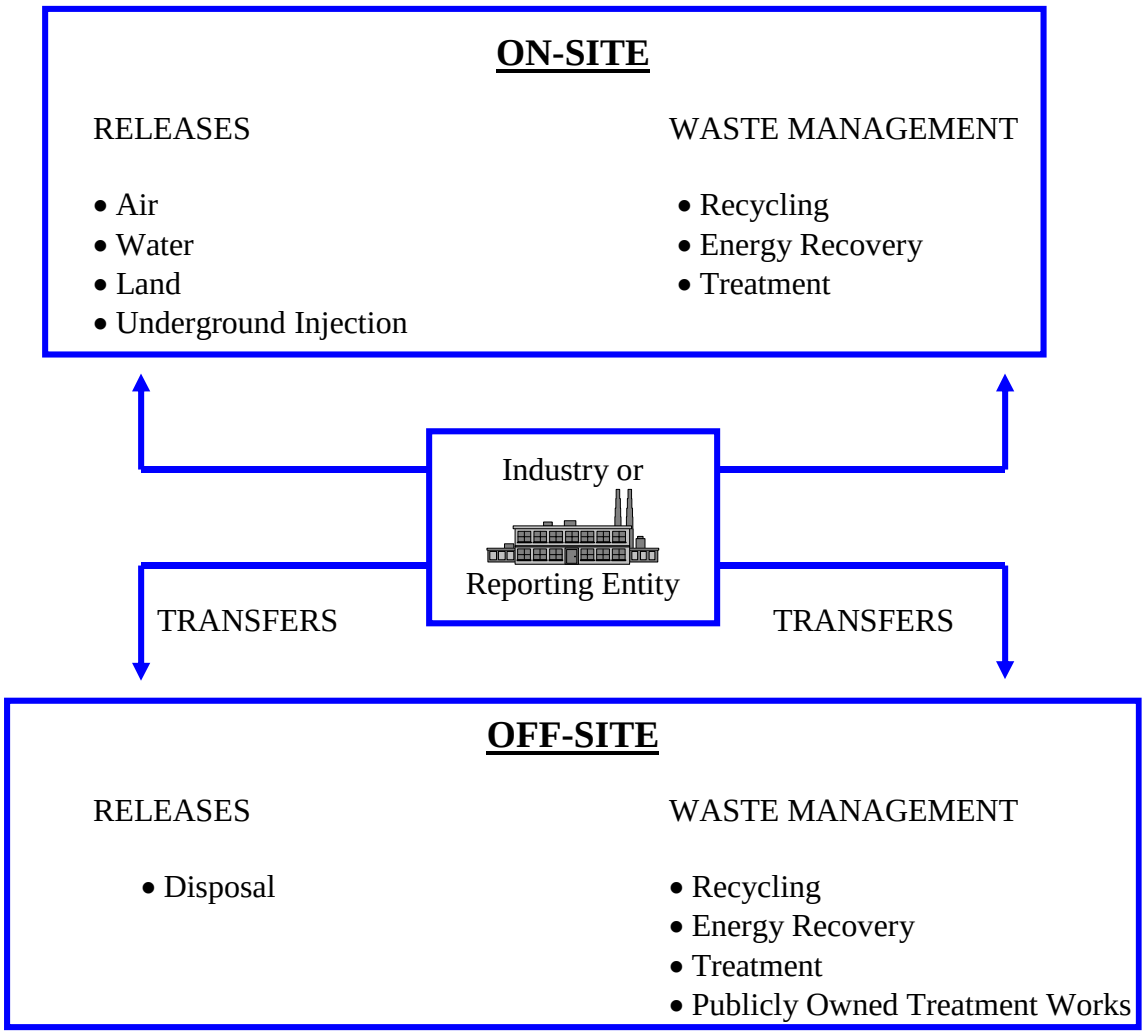
- **Section 5: Quantity of toxic chemical entering each environmental medium on-site.** Release reporting is broken down into categories: releases to the air (from stack and fugitive emissions), releases to water (on-site and to publicly owned treatment works (POTWs)), and releases to land (underground 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 recycling activities.** 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 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.

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. 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. 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. Most of the TRI chemical releases are permitted under other federal and state regulatory programs. 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 differ from those reported for a prior year.

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 2015 show a decrease (6.32 percent) in the amount of TRI chemicals released on-site, transferred off-site and managed on-site from 2014 (see Chapter 4). 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. The amount of TRI chemicals being recycled on-site and a reduction in TRI chemical released to the air accounted for the overall decrease in the total amount of TRI chemicals reported in 2015.

Chapter One - 2015 Virginia TRI Data Review

Chapter One describes the 2015 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 2015 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 H and I contain facility-specific information, arranged by jurisdiction, for TRI chemicals (excluding PBTs) and for PBT chemicals, respectively.

Part One - 2015 Overview and Summary

For calendar year 2015, Virginia facilities reported they released, transferred, or managed approximately 858.60 million pounds of TRI chemicals (see Table 1).

Approximately 32.49 million pounds of TRI chemicals were reported to have been released on-site to the environment. Air releases represented 18.02 million pounds, or 55.45 percent of all the TRI chemicals released on-site in 2015. Releases to the water totaled approximately 11.54 million pounds, or 35.50 percent of the total released on-site. Releases to the land totaled approximately 2.94 million pounds, or 9.05 percent of the total released on-site. For 2015, the amount of TRI chemical releases to the environment represented approximately 3.78 percent of the total TRI chemicals reported.

Off-site transfers totaled approximately 65.46 million pounds of TRI chemicals. Off-site transfers to POTWs totaled approximately 16.38 million pounds. Off-site transfers to other (non-POTW) facilities (for treatment, recycling, energy recovery, and disposal) totaled approximately 49.08 million pounds. For 2015, the amount of TRI chemicals transferred off-site represented approximately 7.62 percent of the total for TRI chemicals by this measure.

Facilities reported that approximately 760.65 million pounds of TRI chemicals were managed on-site by treatment, recycling, or energy recovery. For 2015 the amount of chemicals managed on-site represents approximately 88.60 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		18,020,039.02
Fugitive Air	3,776,071.71	
Stack Air	14,243,967.32	
Total Water		11,535,716.86
Total Land		2,939,038.10
Landfills	1,622,896.36	
Land Treatment / Application	8,076.72	
Surface Impoundment	1,106,815.14	
Other Disposal	201,249.87	
Total On-Site Releases to Media		**32,494,793.98**
OFF-SITE TRANSFERS BY TYPE (Section 6 of Form R)		
Publicly Owned Treatment Works (POTWs) (includes metals and metal compounds)		16,381,440.62
Total Other Off-Site Transfers		49,079,180.93
Off-Site Transfers for Recycling	25,502,506.02	
Off-Site Transfers for Energy Recovery	3,741,105.92	
Off-Site Transfers for Other Treatment	16,325,209.18	
Off-Site Transfers for Disposal	3,510,359.81	
Total Off-Site Transfers		**65,460,621.55**
ON-SITE MANAGEMENT (From Section 8 of Form R) *		
Treated On-Site	86,121,866.15	
Recycled On-Site	671,954,284.86	
Energy Recovery On-Site	2,576,373.00	
Total On-Site Management		**760,652,524.01**
Total TRI Chemicals Released On-site to Media, Transferred Off-site, or Managed On-site by Reporting Facilities	**858,607,939.54**	

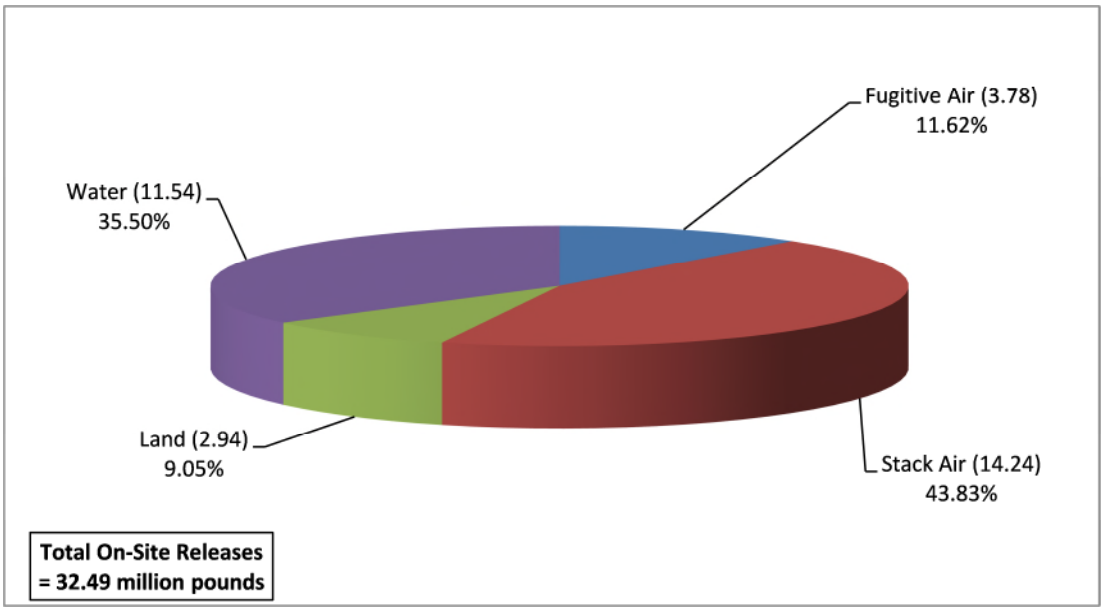
* The data for the on-site management of TRI chemicals are a summary of data collected from Part II, Sections 8.2, 8.4, and 8.6 of the Form R. These sections, in turn, are quantitative data not reported anywhere else in the Form R and reflect the descriptive data reported in Part II, Section 7 (on-site 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 32.49 million pounds of TRI chemicals were reported as released into the environment by reporting facilities for reporting year 2015.

Figure 2. On-Site Releases of TRI Chemicals to All Media for Reporting Year 2015 (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 2015.)

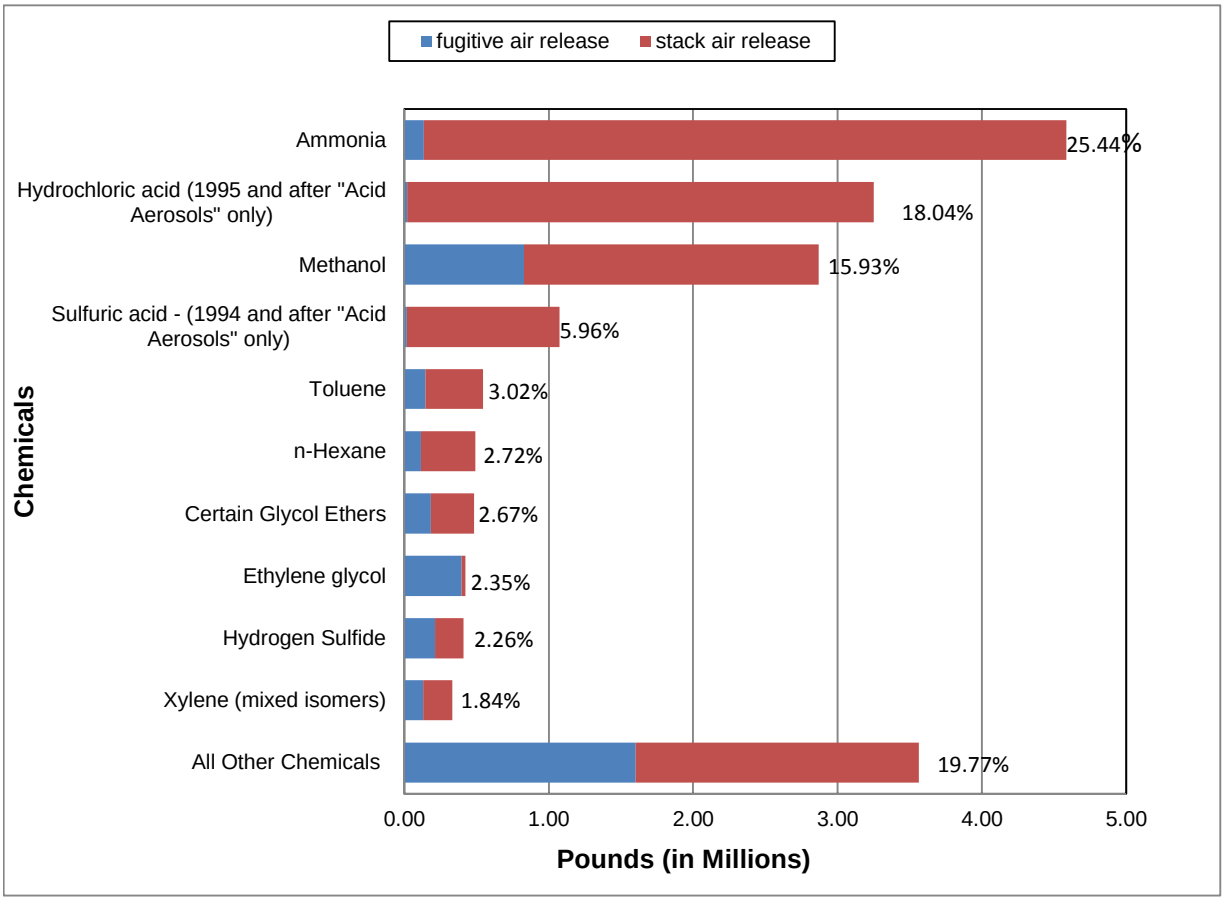


On-Site Releases to the Air

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 18.02 million pounds, which accounted for 55.45 percent of the total on-site releases to all media (air, water, and land). Ten TRI chemicals released to the air made up approximately 80.23 percent of the total reported TRI air emissions in 2015 (See Figure 3). Those ten TRI chemicals were: ammonia, hydrochloric acid, methanol, sulfuric acid, toluene, n-hexane, certain glycol ethers, ethylene glycol, hydrogen sulfide, and xylene. 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.

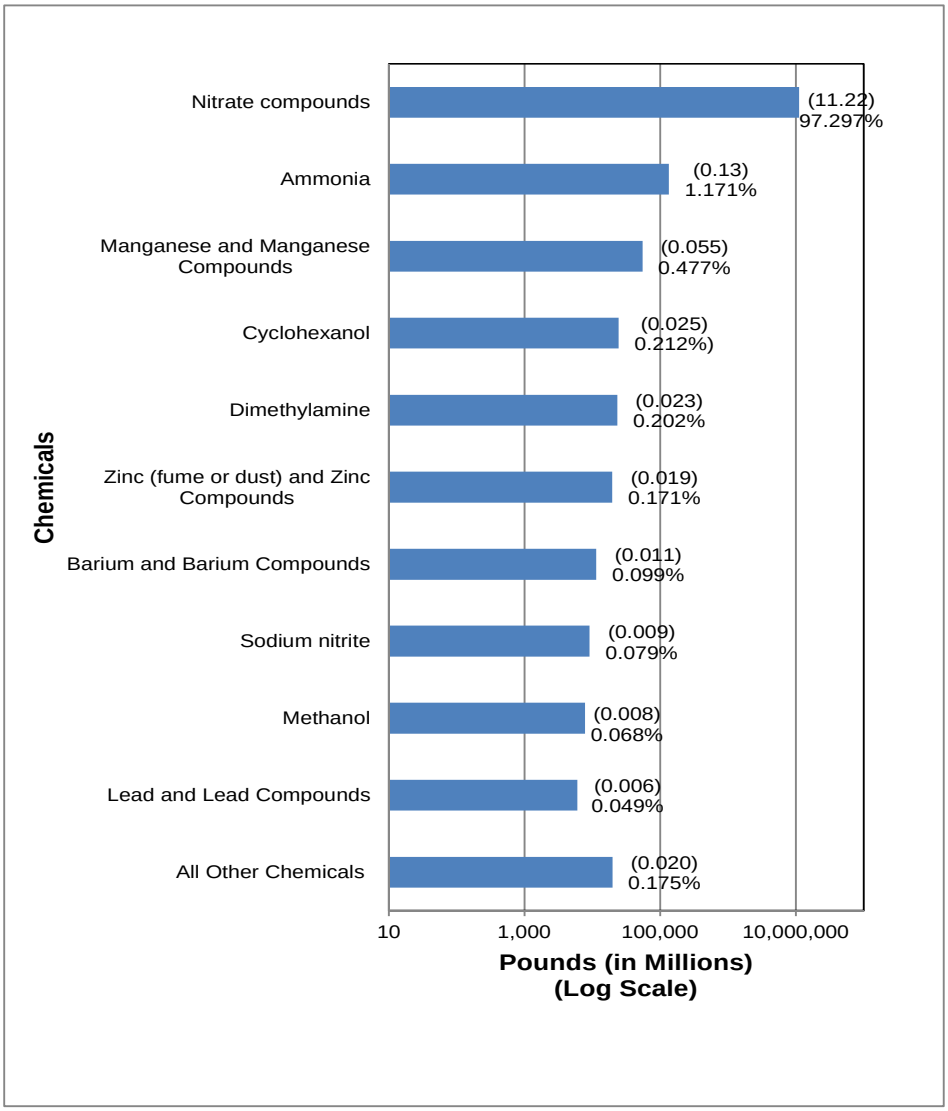
Figure 3. Top Ten TRI Chemicals Released to the Air On-Site in 2015 (From Section 5 of Form R. The number next to each bar is the percent of total air releases for all 2015 chemicals reported.)



On-Site Releases to Water

On-site releases to water include discharges to surface waters, such as rivers, lakes, ponds, and streams. Reported on-site releases of TRI chemicals to water in 2015 totaled approximately 11.54 million pounds and accounted for 35.05 percent of all on-site releases to the air, water, and land in 2015. Ten chemicals and chemical categories accounted for more than 99.82 percent of the on-site TRI chemical releases to the water. Those ten TRI chemicals were: nitrate compounds (97.29 percent of total releases to water), ammonia, manganese and manganese compounds, cyclohexanol, dimethylamine, zinc and zinc compounds, barium and barium compounds, sodium nitrate, methanol, and lead and lead compounds. 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 2015 (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.)

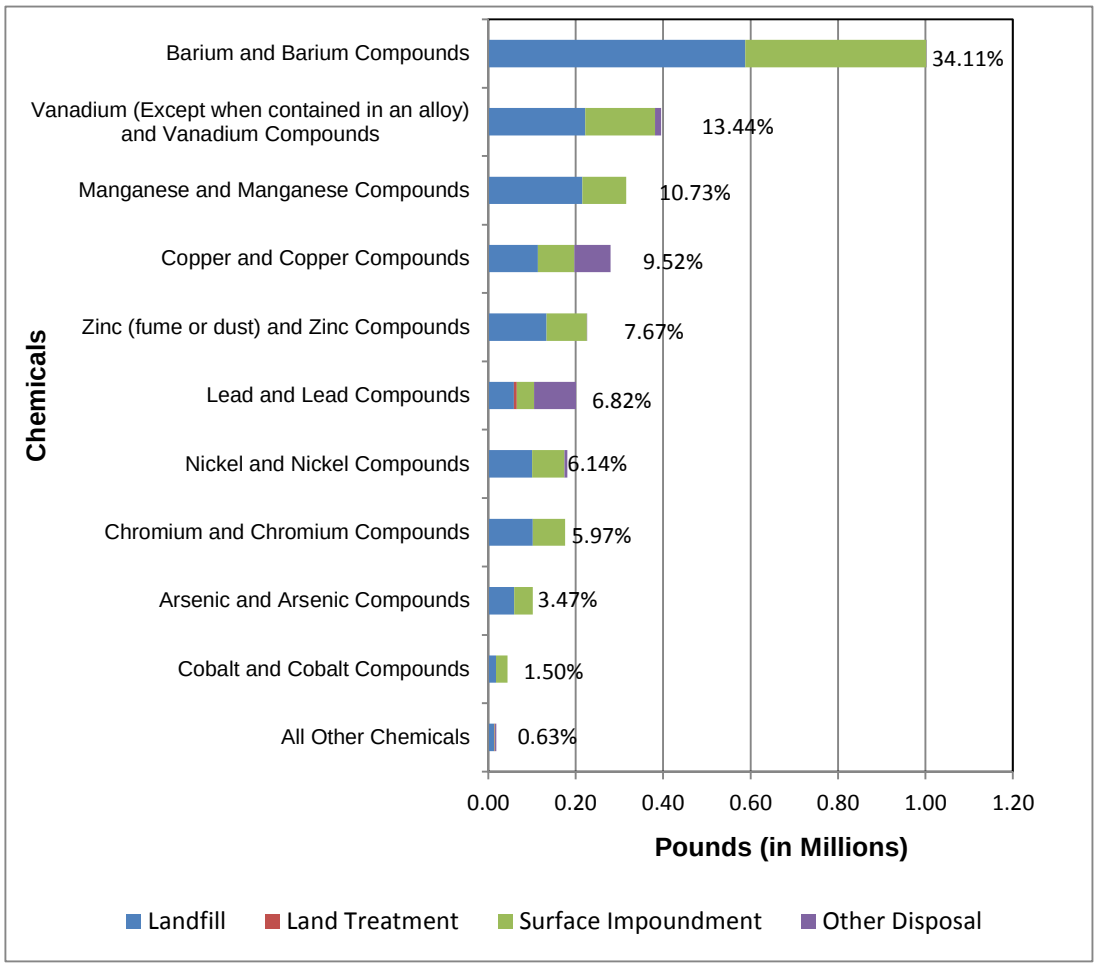


On-Site Releases to the Land

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 2015.

The total amount of TRI chemicals released to the land in Virginia during 2015 was approximately 2.94 million pounds, which accounted for 9.05 percent of all reported on-site TRI releases (releases to the air, water, and land). Ten TRI chemicals constituted approximately 99.37 percent of all of the TRI chemicals released to the land. They were: barium and barium compounds, vanadium and vanadium compounds, manganese and manganese compounds, copper and copper compounds, zinc and zinc compounds, lead and lead compounds, nickel and nickel compounds, chromium and chromium compounds, arsenic and arsenic compounds, and cobalt and cobalt compounds (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 2015 (From Section 5 of Form R. The number next to each bar is the percent of total on-site land releases for all 2015 reported.)

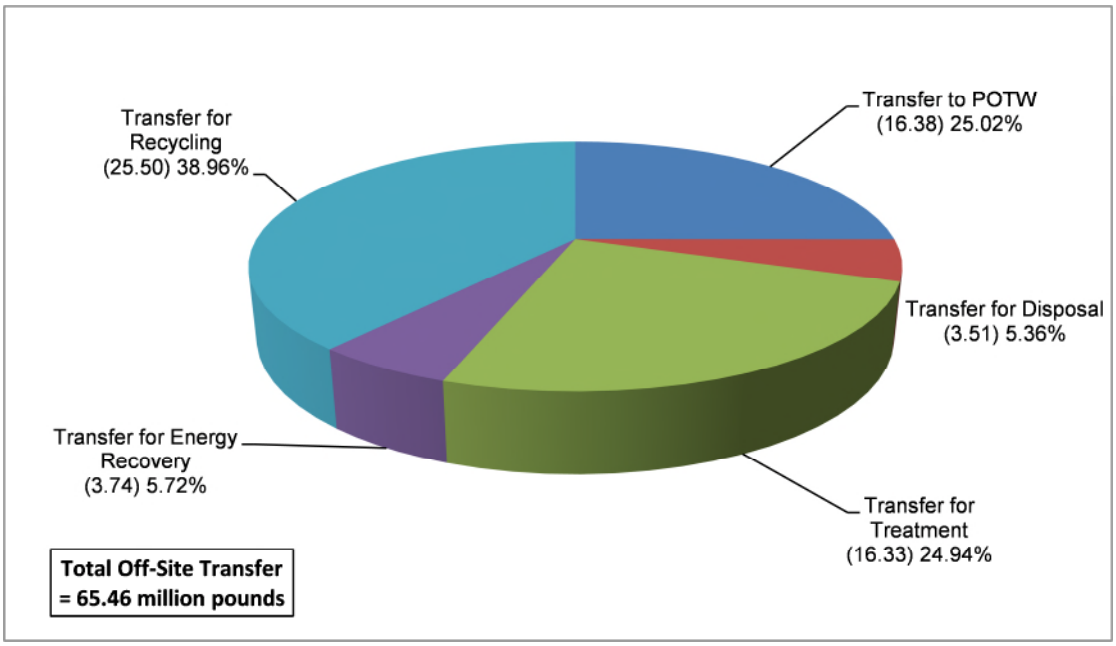


Part Three - Off-Site Transfers

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 2015, approximately 65.46 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 2015
(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.)

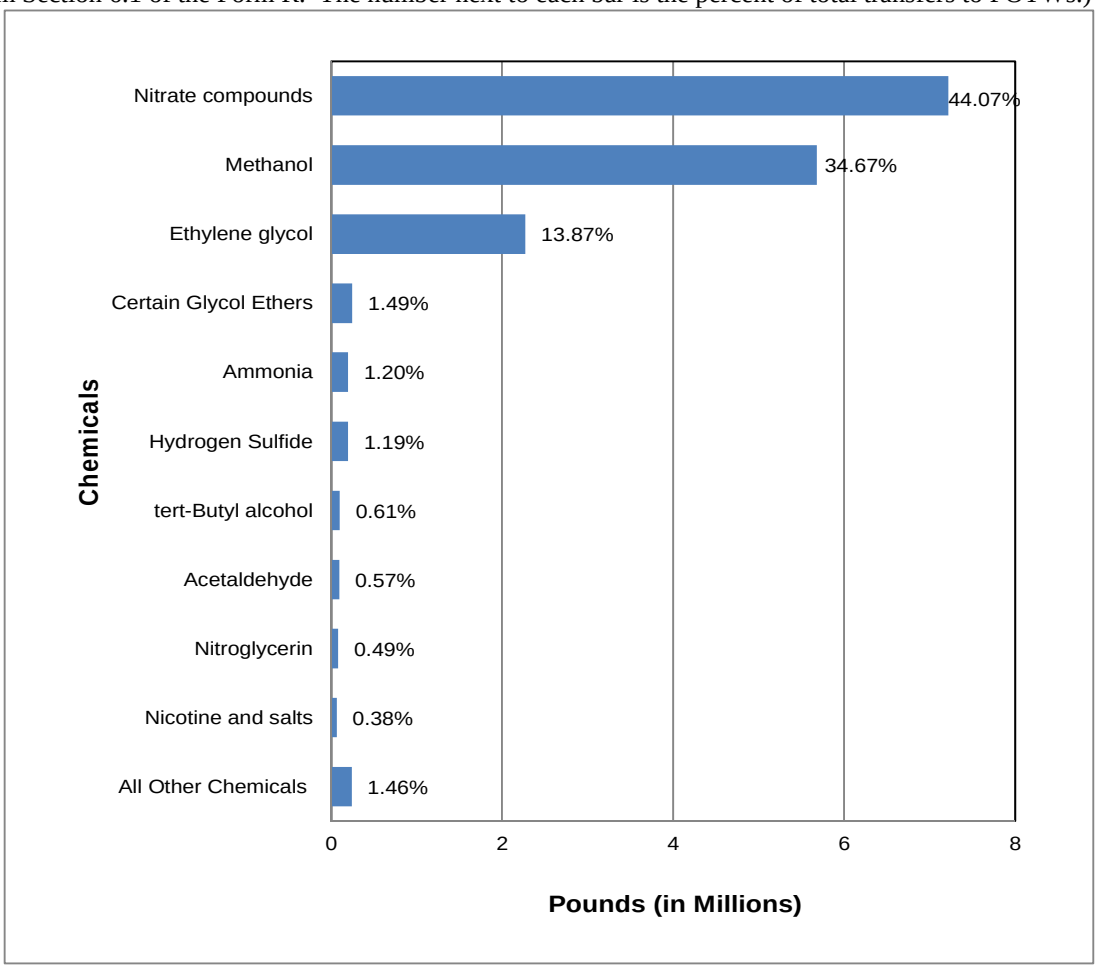


Transfers to Publicly Owned Treatment Works

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 98.54 percent, or 16.14 million pounds of the approximately 16.38 million pounds of TRI chemicals transferred to POTWs in reporting year 2015. 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, tert-butyl alcohol, acetaldehyde, nitroglycerin, and nicotine and salts.

Figure 7. Top Ten TRI Chemicals Transferred to Publicly Owned Treatment Works (POTWs) in 2015 (From Section 6.1 of the Form R. The number next to each bar is the percent of total transfers to POTWs.)

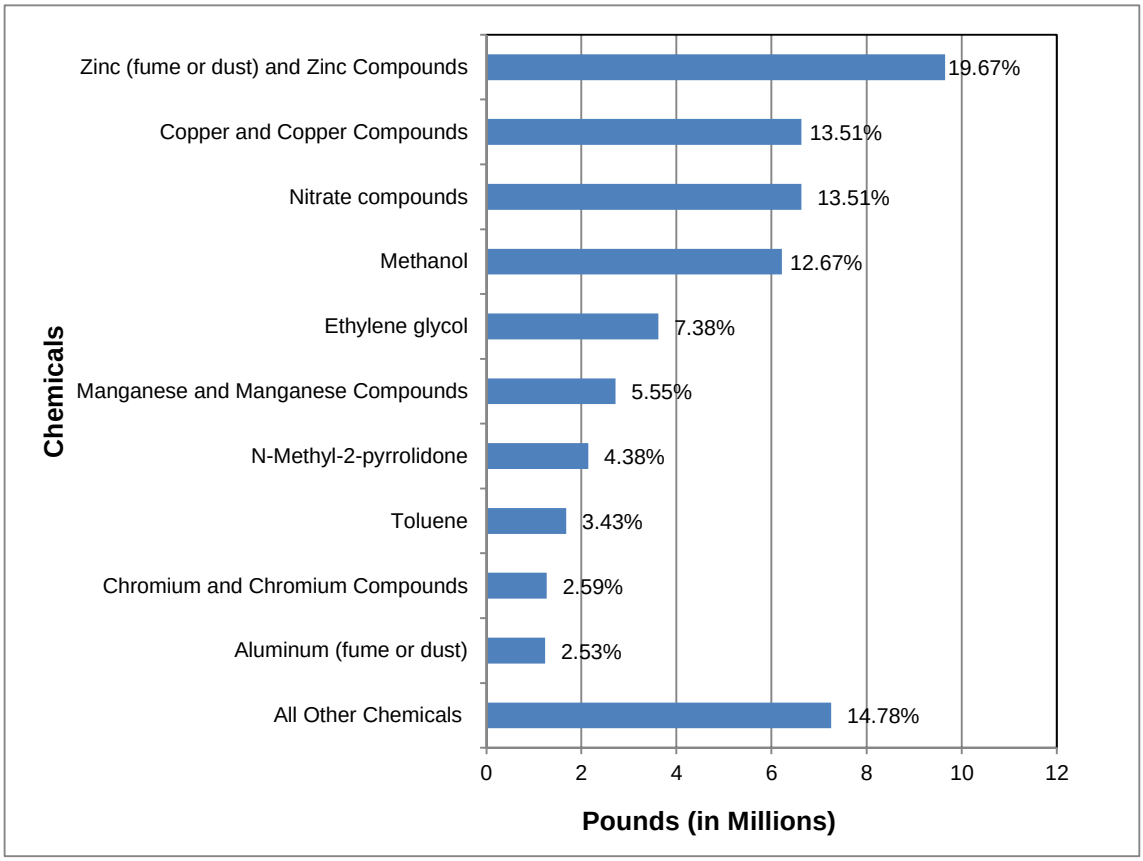


Transfers to Other Off-Site Locations

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 2015, the total amount of TRI chemicals transferred to other off-site locations was approximately 49.08 million pounds. Ten TRI chemicals represented approximately 85.22 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 2015 were: zinc and zinc compounds, copper and copper compounds, nitrate 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 2015
(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 2015 facility reports, 858.60 million pounds of production-related TRI chemicals were released, treated, recycled, or recovered both on-site and off-site from Virginia facilities. Approximately 88.60 percent of the TRI chemicals were managed on-site and 3.78 percent of the TRI chemicals were released into the environment on-site. About 7.62 percent of the TRI chemicals were transferred off-site to be managed by various means.

Chapter Two - 2015 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 2015, DEQ received 302 reports and revisions for PBT chemicals, out of a total of 1,359 TRI reports and revisions (22.22 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 2015. Appendix G has facility-specific information for PBT chemicals.

Table 2. TRI Reporting Year 2015 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.	**24**
57-74-9	Chlordane	10 lbs.	**1**
N150	Dioxin and Dioxin-Like Compounds	0.1 gram	**19**
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.	**107**
N420	Lead Compounds	100 lbs.	**79**
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.	**43**
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 2015 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 (Section 5 of Form R)	**Dioxin and Dioxin-Like Compounds*** in amounts for the year Grams (g)	Pounds (lbs)	**Other PBT chemicals** in amounts for the year Pounds (lbs)
Total Air	9.05	1.99E-02	14,919.20
Fugitive Air	0.02	5.44E-05	5,720.00
Stack Air	9.02	1.99E-02	9,199.20
Water	2.33	5.13E-03	6,113.89
Land	0.17	3.80E-04	202,075.21
Total On-Site Releases to Media	**11.54**	**2.55E-02**	**223,108.30**
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	327.22
Total Other Off-Site Transfers	13.71	3.02E-02	804,529.11
Off-Site Transfers for Recycling	0.00	0.00E+00	686,842.46
Off-Site Transfers for Energy Recovery	0.00	0.00E+00	2,095.50
Off-Site Transfers for Other Treatment	0.00	0.00E+00	2,748.36
Off-Site Transfers for Disposal	13.71	3.02E-02	112,842.79
Total Off-Site Transfers	**13.71**	**3.02E-02**	**804,856.33**
ON-SITE MANAGEMENT (Section 8 of Form R)			
Treated On-Site	0	0.00E+00	8.10
Recycled On-Site	0	0.00E+00	247,926.70
Energy Recovery On-Site	0	0.00E+00	0.00
Total On-Site Management	**0**	**0.00E+00**	**247,934.80**
Total PBT Chemicals Released On-site, Transferred Off-site, and Managed On-site by Reporting Facilities	**25.25**	**0.06**	**1,275,899.43**

* 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 (223,108 pounds) was approximately 0.69 percent of the total TRI chemicals released on-site to the environment. The reported PBTs managed on-site (247,934 pounds) were less than one percent (0.03 percent) of the total TRI chemicals managed on-site. The reported PBTs transferred off-site for treatment, recycling, energy recovery, or disposal (804,856 pounds) were approximately 1.23 percent of the total TRI chemicals transferred off-site. In 2014, the previous reporting year, the on-site releases of PBT contributed to 1.82 percent of the total releases, 0.02 percent of on-site management, and 1.22 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 2015 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	5.69	1,018.76	4,642.80
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	96,585.96	188,102.99	0.00
Lead Compounds	123,700.71	601,031.89	9.60
Mercury	47.46	1,852.03	0.00
Mercury Compounds	1,877.48	217.87	0.00
Methoxychlor	0.00	100.00	0.00
Polychlorinated biphenyls	0.00	161.42	0.00
Polycyclic aromatic compounds (PACs)	891.00	11,591.38	243,282.40
Tetrabromobisphenol A	0.00	180.00	0.00
Total for all 12 chemical/categories	**223,108.33**	**804,856.36**	**247,934.80**

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 (98.74 percent) of the PBT on-site releases. Referring to Figure 5 in Chapter 1, lead and lead compounds ranked sixth 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 (manufacture, process, or otherwise used). 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 2015

	Activities Reported						
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	10	2	3	4	0	3
Chlordane	0	1	0	0	0	0	0
Dioxin and Dioxin-Like Compounds	38	1	0	0	0	0	0
Heptachlor	0	0	0	0	0	1	0
Lead	0	69	32	6	1	3	3
Lead Compounds	6	33	12	8	12	3	11
Mercury	0	1	1	0	1	1	1
Mercury Compounds	6	3	0	5	5	0	5
Methoxychlor	0	1	0	0	0	0	0
Polychlorinated biphenyls	0	0	1	0	0	0	0
Polycyclic aromatic compounds (PACs)	6	13	5	4	16	0	4
Tetrabromobisphenol A	0	1	0	0	0	0	0
Total for all 12 chemicals/categories	62	132	53	26	39	8	27

Table 5 shows “processing only” was the most frequently reported activity (132) involving PBT chemicals. "Processing only" was followed by “manufacturing only” (62) 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.

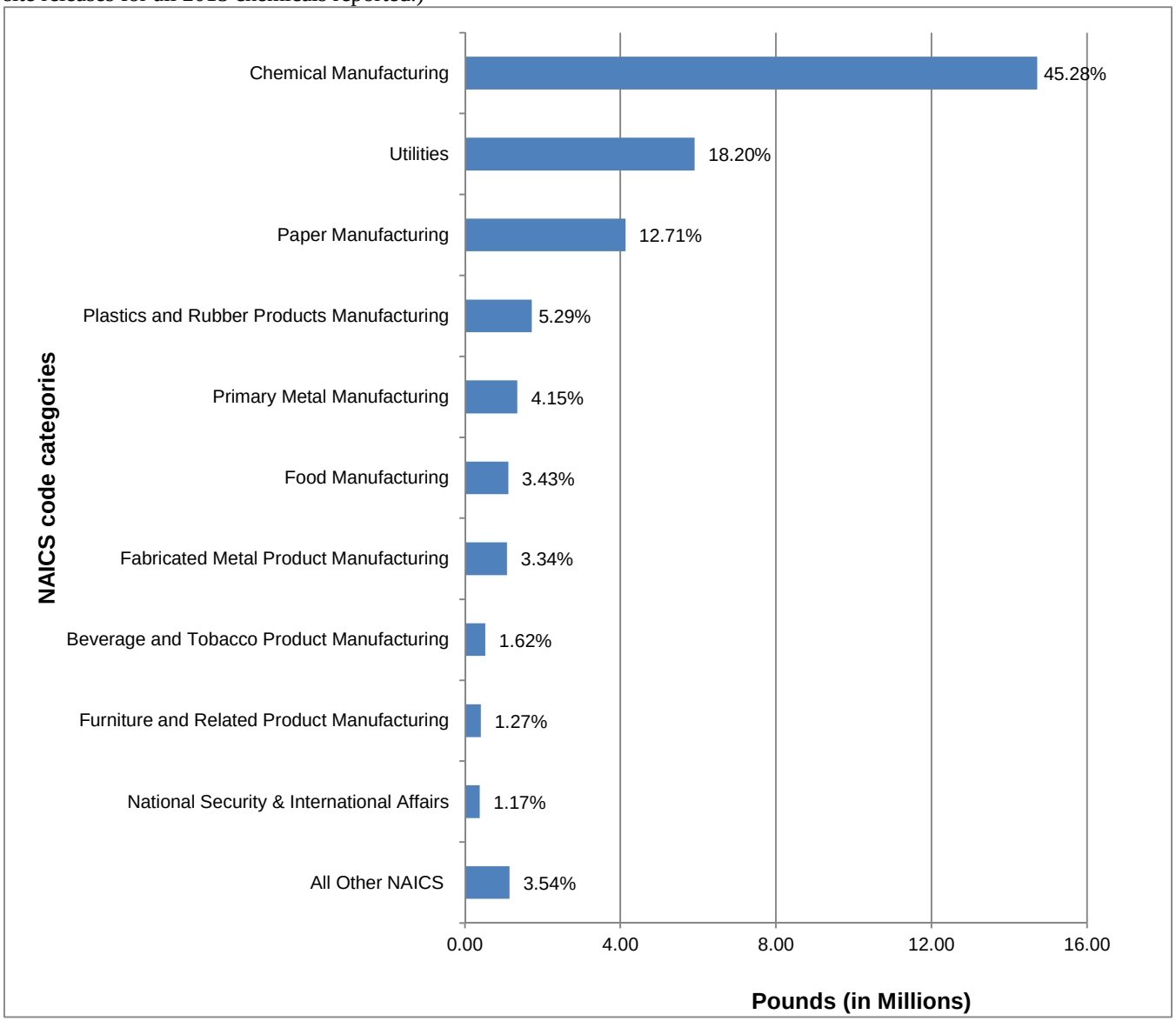
As with Table 1 (Chapter 1) and Table 3 (Chapter 2), in order to avoid double counting, the data in this chapter for on-site management do not include the data extracted and re-aggregated from Sections 5 and 6 of Form R. Complete rankings of industrial sectors, facilities, and jurisdictions are included 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 2015, based on the primary North American Industrial Classification System (NAICS) Code, were: chemical manufacturing; utilities (electric, gas, and sanitary services); and paper manufacturing. These three sectors contributed to 76.19 percent of the total on-site releases to the environment. The remaining top ten industrial sectors for 2015 were: plastics and rubber manufacturing, primary metal manufacturing, food manufacturing, fabricated metal product manufacturing, beverage and tobacco product manufacturing, furniture and related product manufacturing, and national security and international affairs. A complete ranking of industrial sectors reporting on-site TRI releases is provided in Appendix H-1.

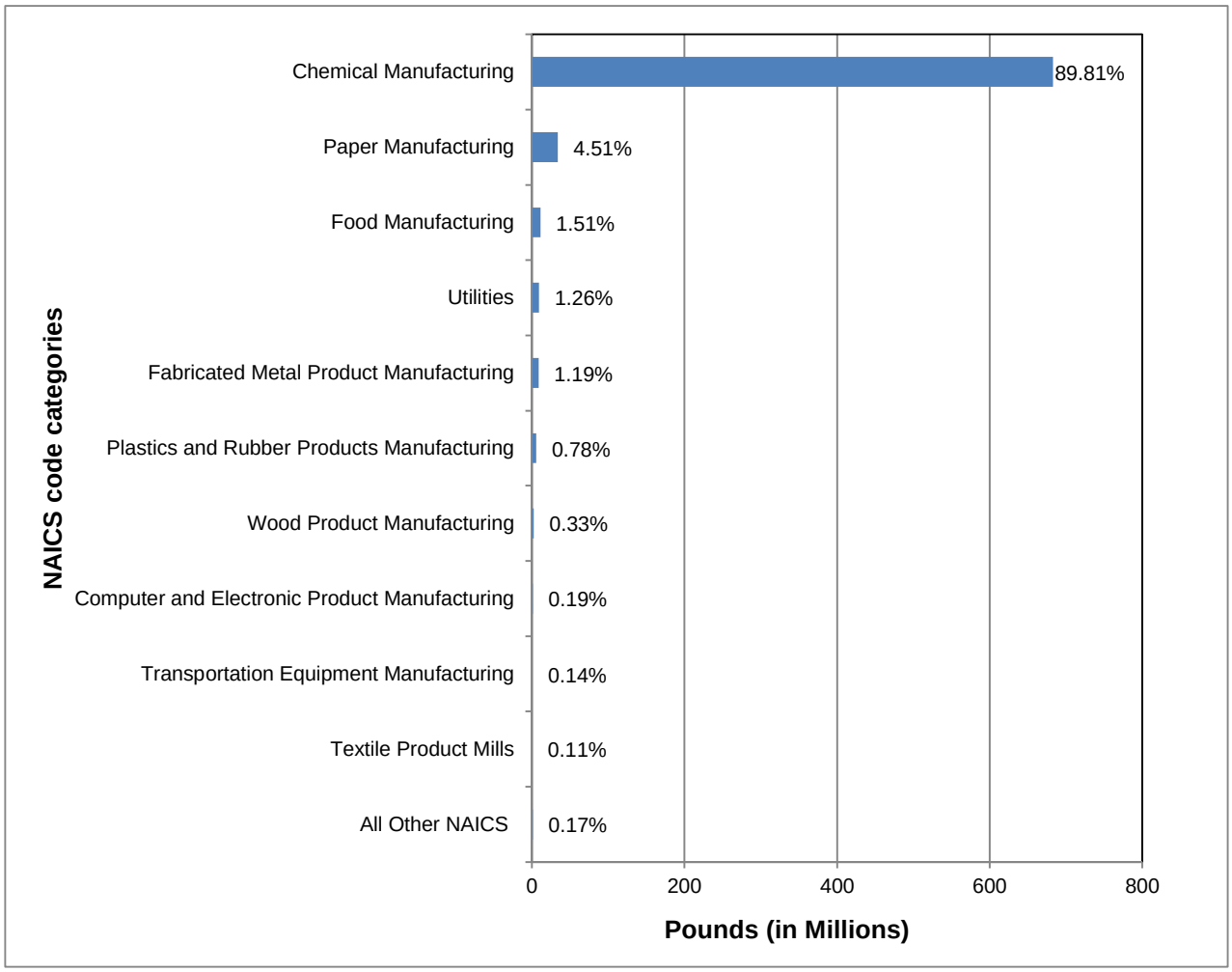
Figure 9. Top 10 Reporting Industrial Sectors (based on NAICS codes) Releasing TRI Chemicals On-Site in Virginia for 2015 (From Section 5 of the Form R. The number next to each bar is the percent of total on-site releases for all 2015 chemicals reported.)



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 2015 based on the primary NAICS Code were: chemical manufacturing, paper manufacturing, and food manufacturing. These three sectors contributed to 95.82 percent of the total of on-site management of TRI chemicals. The remaining top ten industrial sectors for 2015 were: utilities, fabricated metal products manufacturing, plastics and rubber manufacturing, 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 2015 (From Section 8 of the Form R. The number next to each bar is the percent total of on-site management for all 2015 chemicals reported. Figure 10 does not include the data extracted and re-aggregated from Sections 5 and 6 of Form R.)



Part Two - Facilities

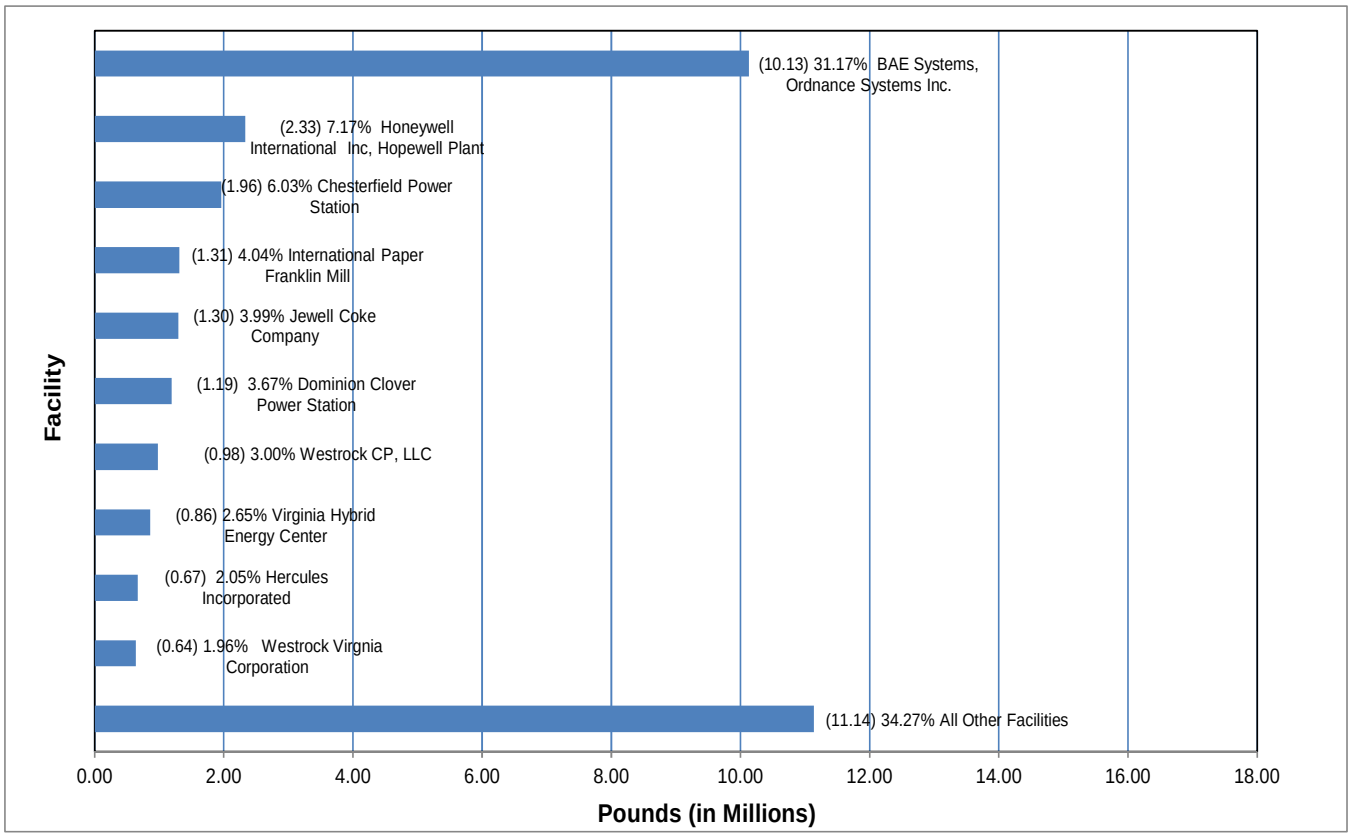
Facilities Reporting On-Site Releases of TRI Chemicals

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 2015 were:

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

These facilities accounted for 65.73 percent (21.35 million pounds) of all reported TRI releases for 2015. Of the ten facilities, three are utilities; three are chemical manufacturing facilities; three are paper manufacturing facilities; 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 2015. See Appendix I-1 for a complete ranking of on-site releases by facility.

Figure 11. 2015 Top Ten Virginia Facilities Reporting Releases of TRI Chemicals On-Site (From Section 5 of the 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 2015 chemicals reported for each facility.)



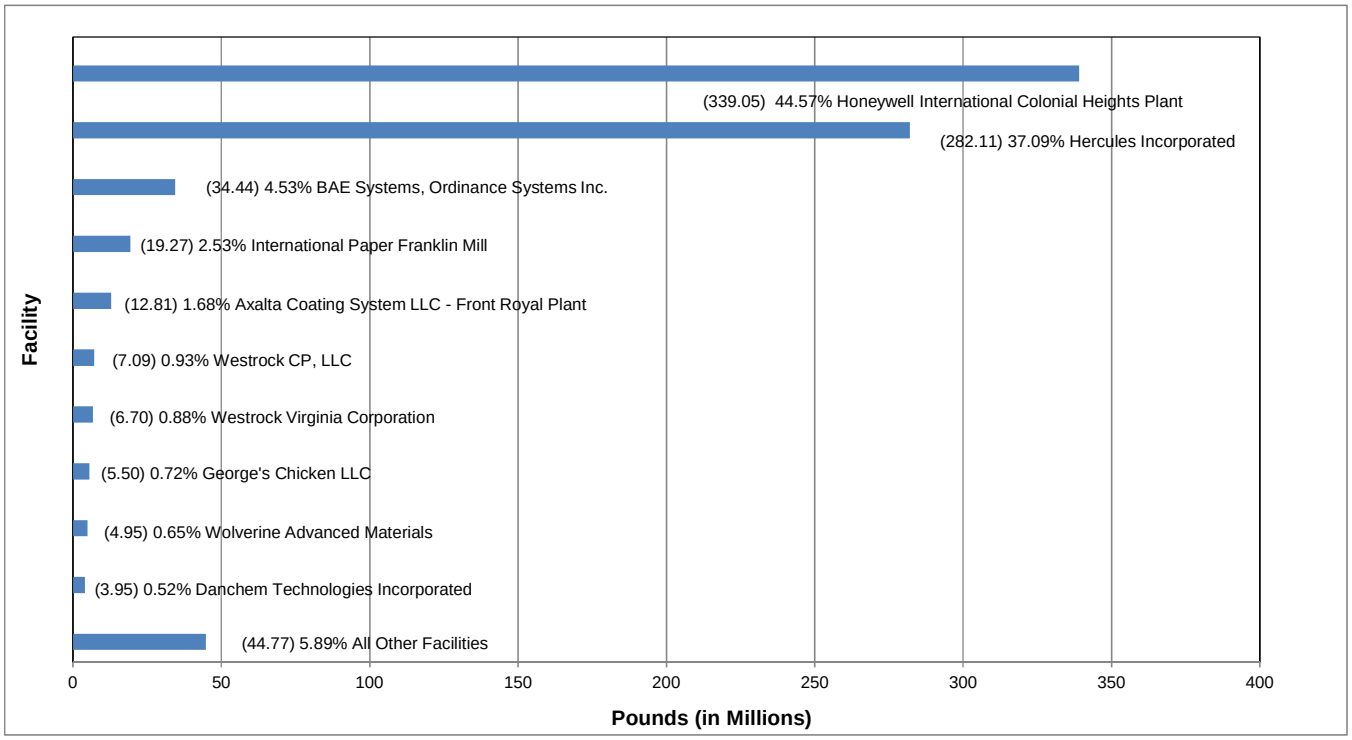
Facilities Reporting On-Site Management of TRI Chemicals

Figure 12 shows the ten Virginia facilities reporting management of the greatest quantity of TRI chemicals on-site in 2015 other than releases. These facilities were:

- Honeywell International Colonial Heights Plant - City of Colonial Heights
- Hercules Inc. - City of Hopewell
- BAE Systems, Ordinance Systems Inc. - Radford, Montgomery County
- International Paper Franklin Mill – City of Franklin
- Axalta Coating Systems, LLC - Front Royal Plant - Front Royal, Warren County
- Westrock CP, LLC – West Point, King William County
- Westrock Virginia Corporation – City of Covington
- George's Chicken LLC - Edinburg, Shenandoah County
- Wolverine Advanced Materials – Blacksburg, Montgomery County
- Danchem Technologies INC – Danville, Pittsylvania County

These facilities accounted for approximately 94.11 percent (715.88 million pounds) of all reported on-site management (other than releases) in 2015. Figure 12 shows the quantity of TRI chemicals each of these facilities managed on-site in Virginia in 2015. Of the ten facilities, five are chemical manufacturing facilities; three are paper manufacturing facilities; one is a fabricated metal product manufacturing facility; and one is a food manufacturing facility. See Appendix I-2 for a ranking of on-site management by facility.

Figure 12: 2015 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.)



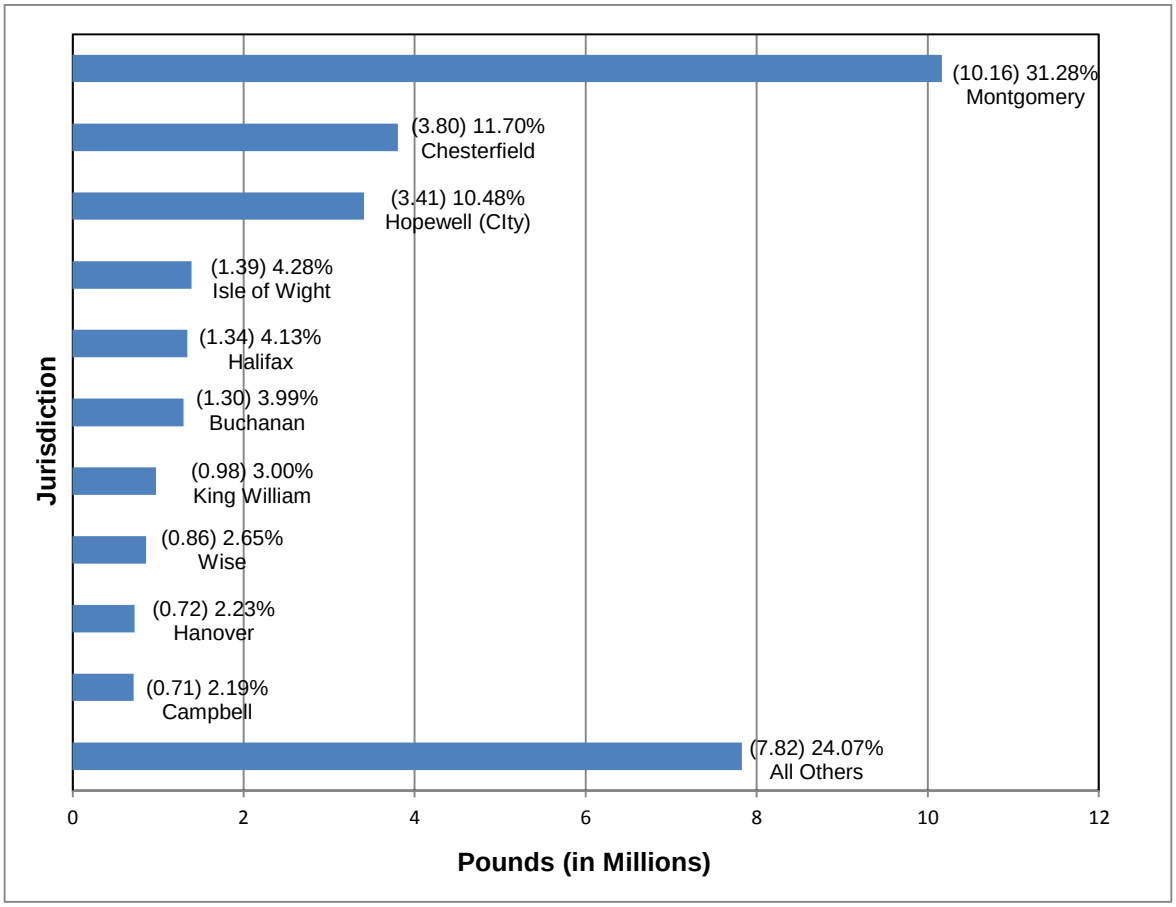
Part Three - Jurisdictions

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 2015 were: Montgomery County, Chesterfield County, City of Hopewell, Isle of Wight County, Halifax County, Buchanan County, King William County, Wise County, Hanover County and Campbell County. The reported on-site releases occurring within these jurisdictions comprised 75.92 percent (24.67 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. 2015 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.)

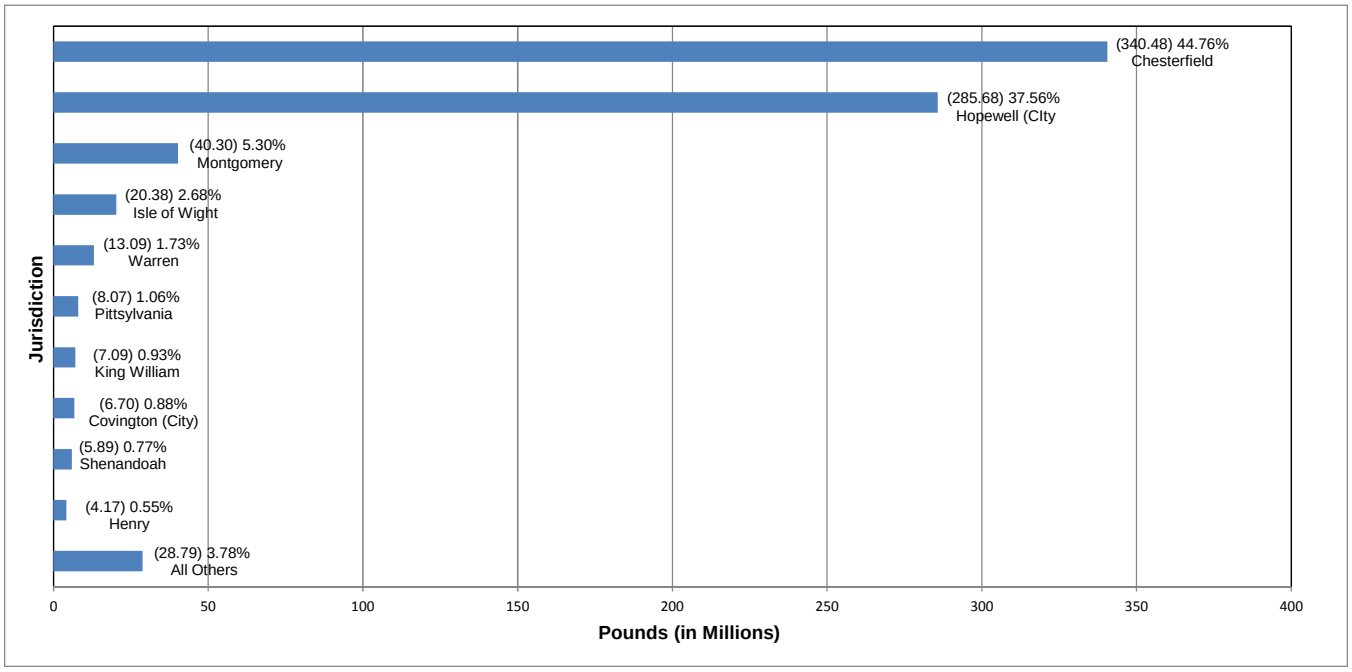


Jurisdictions with Facilities Reporting Other On-site Management of TRI Chemicals

The Virginia jurisdictions with facilities having the largest total reportable TRI chemicals managed on-site (other than releases) were: Chesterfield County, City of Hopewell, Montgomery County, Isle of Wight County, Warren County, Pittsylvania County, King William County, City of Covington, Shenandoah County, and Henry County. The on-site management of these chemicals in these jurisdictions comprised 96.21 percent (731.86 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. 2015 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 29 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 2013, 2014, and 2015 are generally comparable and Chapter Four presents data for those three years. All revisions for these reporting years received on or before January 3, 2017, have been incorporated.

Table 6 compares TRI data for reporting years 2013 to 2015 by type of release, transfer, and on-site management.

For reporting year 2015 the total amount of on-site releases shows a decrease from the corresponding amount for reporting year 2014, off-site transfers decreased, and on-site management decreased from the corresponding amounts for reporting year 2014. From 2014 to 2015 the total TRI chemicals released on-site, transferred off-site, or managed on-site decreased by 6.32 percent.

Table 6 shows the changes with respect to on-site releases from reporting year 2014 to 2015, including a 11.62 percent decrease in on-site releases to air, a 3.32 percent increase in on-site releases to water, and a 19.20 percent decrease in on-site releases to land. There was an overall decrease of 7.66 percent for on-site releases from 2014 to 2015.

Table 6 also shows that the on-site management of TRI chemicals through treatment, recycling, or energy recovery decreased in 2015. The 2015 report data show an decrease in on-site energy recovery by 59.69 percent, a decrease in on-site recycling by 7.39 percent, and a 4.38 increase in on-site treatment. The overall quantities of TRI chemicals managed on-site decreased by 6.60 percent for 2015.

The overall quantities of TRI chemicals transferred off-site for further management or disposal decreased by 2.19 percent from 2014 to 2015. With respect to off-site transfers, Table 6 shows a 17.22 percent increase in TRI chemicals being transferred off site for disposal and a 35.13 percent increase in TRI chemicals being transferred off-site for energy recovery from 2014 to 2015.

Longer term trends can be seen in the last column of Table 6. Over three years, on-site releases of TRI chemicals decreased by 9.88 percent, off-site transfers decreased by 3.18 percent, and on-site management decreased by 0.43 percent. From 2013 through 2015, Virginia facilities reported a 1.03 percent decrease 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 2013, 2014 and 2015 (from Table 1)

MANAGEMENT ACTIVITES	RY 2013 (POUNDS)	RY 2014 (POUNDS)	RY 2015 (POUNDS)	Changes 2014-2015	% Change 2014-2015	% Change 2013-2015
ON-SITE RELEASES						
AIR (TOTAL)	20,651,917.51	20,388,755.18	18,020,039.02	-2,368,716.16	-11.62%	-12.74%
FUGITIVE AIR	3,826,698.86	3,675,422.53	3,776,071.71	100,649.18	2.74%	-1.32%
STACK AIR	16,825,218.65	16,713,332.65	14,243,967.32	-2,469,365.34	-14.77%	-15.34%
WATER	11,707,977.42	11,164,687.01	11,535,716.86	371,029.85	3.32%	-1.47%
LAND	3,695,523.74	3,637,624.72	2,939,038.10	-698,586.63	-19.20%	-20.47%
TOTAL	**36,055,418.67**	**35,191,066.92**	**32,494,793.98**	**-2,696,272.94**	**-7.66%**	**-9.88%**
OFF-SITE TRANSFERS						
POTW	16,290,219.35	17,284,792.66	16,381,440.62	-903,352.04	-5.23%	0.56%
OTHER OFF-SITE TRANSFERS	51,319,951.04	49,644,180.55	49,079,180.93	-564,999.62	-1.14%	-4.37%
RECYCLING	22,350,318.08	26,214,788.36	25,502,506.02	-712,282.34	-2.72%	14.10%
ENERGY RECOVERY	5,248,664.41	2,768,600.05	3,741,105.92	972,505.87	35.13%	-28.72%
OTHER TREATMENT	16,909,802.55	17,666,021.37	16,325,209.18	-1,340,812.18	-7.59%	-3.46%
DISPOSAL	6,811,166.00	2,994,770.77	3,510,359.81	515,589.04	17.22%	-48.46%
TOTAL	**67,610,170.39**	**66,928,973.21**	**65,460,621.55**	**-1,468,351.66**	**-2.19%**	**-3.18%**
ON-SITE MANAGEMENT						
TREATED ON-SITE	80,576,108.40	82,508,856.54	86,121,866.15	3,613,009.61	4.38%	6.88%
RECYCLED ON-SITE	680,453,638.32	725,535,415.75	671,954,284.86	-53,581,130.89	-7.39%	-1.25%
ENERGY RECOVERY ON-SITE	2,889,538.00	6,391,787.00	2,576,373.00	-3,815,414.00	-59.69%	-10.84%
TOTAL	**763,919,284.72**	**814,436,059.29**	**760,652,524.01**	**-53,783,535.28**	**-6.60%**	**-0.43%**
GRAND TOTAL	**867,584,873.79**	**916,556,099.42**	**858,607,939.54**	**-57,948,159.88**	**-6.32%**	**-1.03%**

Table 7 compares, in detail, the TRI data for PBT chemicals by type of release, transfer, and on-site management for reporting years 2013 to 2015. From 2014 to 2015, the total of PBT chemicals released on-site, transferred off-site, or managed on-site decreased by 23.14 percent.

The data show a decrease in air releases, specifically for fugitive air releases, of PBT chemicals compared to 2014. Table 7 also shows a decrease in the total of PBT chemicals released on-site and transferred off-site for reporting years 2014 to 2015 and shows an increase in the management of PBT chemicals on-site.

Table 7. Comparison Summary Data by Type of Release, Transfer and On-site Management for PBT chemicals for 2013, 2014 and 2015 (from Table 3)

MANAGEMENT ACTIVITES	RY 2013 (POUNDS)	RY 2014 (POUNDS)	RY 2015 (POUNDS)	Changes 2014-2015 (POUNDS)	% Change 2014-2015	% Change 2013-2015
ON-SITE RELEASES						
AIR (TOTAL)	19,944.29	377,146.05	14,919.22	-362,226.83	-96.04%	-25.20%
FUGITIVE AIR	3,826.17	367,385.97	5,720.00	-361,665.97	-9452.44%	49.50%
STACK AIR	16,118.13	9,760.08	9,199.22	-560.86	-3.48%	-42.93%
WATER	7,665.59	8,971.53	6,113.89	-2,857.63	-37.28%	-20.24%
LAND	192,110.83	254,683.37	202,075.21	-52,608.16	-27.38%	5.19%
TOTAL	**219,720.72**	**640,800.95**	**223,108.33**	**-417,692.62**	**-190.10%**	**1.54%**
OFF-SITE TRANSFERS						
POTW	942.92	719.58	327.22	-392.36	-41.61%	-65.30%
OTHER OFF-SITE TRANSFERS	805,963.44	818,379.94	804,529.14	-13,850.79	-1.72%	-0.18%
RECYCLING	476,605.16	719,920.12	686,842.46	-33,077.66	-6.94%	44.11%
ENERGY RECOVERY	75.97	1,110.69	2,095.50	984.81	1296.30%	2658.29%
OTHER TREATMENT	9,726.08	14,673.10	2,748.36	-11,924.74	-122.61%	-71.74%
DISPOSAL	319,556.23	82,676.03	112,842.82	30,166.79	9.44%	-64.69%
TOTAL	**806,906.36**	**819,099.52**	**804,856.36**	**-14,243.16**	**-1.77%**	**-0.25%**
ON-SITE MANAGEMENT						
TREATED ON-SITE	28.80	8.10	8.10	0.00	0.00%	-71.88%
RECYCLED ON-SITE	317,967.91	200,224.00	247,926.70	47,702.70	15.00%	-22.03%
ENERGY RECOVERY ON-SITE	0.00	0.00	0.00	0.00	0.00%	0.00%
TOTAL	**317,996.71**	**200,232.10**	**247,934.80**	**47,702.70**	**15.00%**	**-22.03%**
GRAND TOTAL	**1,344,623.80**	**1,660,132.57**	**1,275,899.49**	**-384,233.08**	**-23.14%**	**-5.11%**

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Chapter Five - Conclusion

The 2015 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.

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 2011 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 - 2015 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.

Form Approved OMB Number: 2025-0009
Approval Expires: 11/30/2017 **Page 2 of 6**

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:
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

3.2 Process the toxic chemical:
a. ☐ As a reactant
b. ☐ As a formulation component
c. ☐ As an article component
d. ☐ Repackaging
e. ☐ As an impurity

3.3 Otherwise use the toxic chemical:
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.)

EPA form 9350 -1 (Rev. 06/2014) – Previous editions are obsolete.

*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 Approved OMB Number: 2025-0009
Approval Expires: 11/30/2017 **Page 3 of 6**

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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Form Approved OMB Number: 2025-0009
Approval Expires: 11/30/2017 **Page 4 of 6**

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**		4		2		**7A.1c**
	3		4		5		
	6		7		8		
7A.2a	**7A.2b**		1		2		**7A.2c**
	3		4		5		
	6		7		8		
7A.3a	**7A.3b**		1		2		**7A.3c**
	3		4		5		
	6		7		8		
7A.4a	**7A.4b**		1		2		**7A.4c**
	3		4		5		
	6		7		8		
7A.5a	**7A.5b**		1		2		**7A.5c**
	3		4		5		
	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 Approved OMB Number: 2025-0009
Approval Expires: 11/30/2017 **Page 5 of 6**

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 Approved OMB Number: 2025-0009
Approval Expires: 11/30/2017 Page 6 of 6

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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Page 1 of 4

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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Form Approved OMB Number: 2025-0009
Approval Expires: 11/30/2017

Page 2 of 4

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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EPA Form 9350-3

Form Approved OMB Number: 2025-0009
Approval Expires: 11/30/2017

Page 3 of 4

TRI Facility ID Number

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 Approved OMB Number: 2025-0009
Approval Expires: 11/30/2017

Page 4 of 4

TRI Facility ID Number

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

Form Approved OMB Number: 2025-0009
Approval Expires: 11/30/2017

Page 1 of ___

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 2015 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 2014 following a final rule published by EPA which became effective on November 29, 2013. The Nonylphenol category of chemicals was added to the 2015 reporting year chemicals list in a final rule effective on September 20, 2014.

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 2003 through 2012 (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 – 2012 (from Section 5 of Form R)

Media	2003 (pounds)	2004 (pounds)	2005 (pounds)	2006 (pounds)	2007 (pounds)	2008 (pounds)	2009 (pounds)	2010 (pounds)	2011 (pounds)	2012 (pounds)	Percent Change 2003 - 2012
Air	50,962,772	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	-63.89%
Water	8,199,535	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	43.47%
Land	5,612,934	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	-55.19%
Total	64,775,241	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	-49.54%

Chapter Four of the Virginia 2014 TRI Report covers the reporting period 2013 to 2015, and it includes all chemicals and chemical compounds, and all facility revisions received through January 3, 2017.

Appendix F - 2015 Summary of Facilities, Chemical Releases, Transfers, and Management (Non-PBT)

Appendix F: 2015 Summary of Facilities, Chemical Releases, Transfers, and Management (Non-PBT)
Alphabetical Listing by Facility
Within Each County/Independent City

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	**KMX CHEMICAL CORP**							**30474 ENERGY DR**				**NAICS Code**	**32519**
ETHYLENE GLYCOL	N	750	250	1,000	0	0	1,000	0	0	0	0	0	0
METHANOL	N	250	250	500	0	0	500	0	0	0	0	0	0
Total for KMX CHEMICAL CORP		**1,000**	**500**	**1,500**	**0**	**0**	**1,500**	**0**	**0**	**0**	**0**	**0**	**0**
ACCOMACK	**PERDUE FARMS ACCOMAC PROCESSING PLANT**							**22520 LANKFORD HWY**				**NAICS Code**	**31161**
HYDROGEN SULFIDE	N	48,272	0	48,272	0	0	48,272	0	0	350,708	350,708	0	0
NITRATE COMPOUNDS	N	0	0	0	0	300,875	300,875	0	0	0	0	0	0
PERACETIC ACID	N	0	0	0	0	35	35	0	0	69,500	69,500	0	0
Total for PERDUE FARMS ACCOMAC PROCESSIN		**48,272**	**0**	**48,272**	**0**	**300,910**	**349,182**	**0**	**0**	**420,208**	**420,208**	**0**	**0**
ACCOMACK	**TYSON FARMS INC-TEMPERANCEVILLE**							**11224 LANKFORD HWY**				**NAICS Code**	**31161**
AMMONIA	N	13,100	2,857	15,957	0	430	16,387	0	0	16,387	16,387	0	0
NITRATE COMPOUNDS	N	0	0	0	0	22,332	22,332	0	0	2,256,924	2,256,924	0	0
PERACETIC ACID	N	0	0	0	0	0	0	0	0	112,990	112,990	0	0
Total for TYSON FARMS INC-TEMPERANCEVILLE		**13,100**	**2,857**	**15,957**	**0**	**22,762**	**38,719**	**0**	**0**	**2,386,301**	**2,386,301**	**0**	**0**
ACCOMACK	**U.S. NASA GSFC WALLOPS FLIGHT FACILITY**							**34200 FULTON STREET**				**NAICS Code**	**92711**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for U.S. NASA GSFC WALLOPS FLIGHT FACI		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
ACCOMACK	**VALLEY PROTEINS, INC. - ACCOMAC**							**22528 LANKFORD HIGHWAY**				**NAICS Code**	**31161**
AMMONIA	N	0	0	0	0	0	0	0	0	0	0	0	114,363

* 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 IDS; APPENDIX H INCLUDES BOTH SUBMISSIONS HOWEVER THE 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)
CHLORINE DIOXIDE	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VALLEY PROTEINS, INC. - ACCOMAC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**114,363**
Total for Above County : (11 reports)		**62,372**	**3,357**	**65,729**	**0**	**323,672**	**389,401**	**0**	**0**	**2,806,509**	**2,806,509**	**0**	**114,363**
ALBEMARLE	**INTERNATIONAL COLD STORAGE**							**5678 HEARDS MOUNTAIN RD**				**NAICS Code**	**33341**
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**	**32111**
CHROMIUM COMPOUNDS (EXCEPT	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 : (1 record)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
AMHERST	**GREIF PACKAGING LLC**							**861 FIBRE PLANT RD**				**NAICS Code**	**32211**
ACETALDEHYDE	N	3,088	34,280	37,368	0	0	37,368	59	0	63,341	63,400	0	0
METHANOL	N	6,891	251,485	258,376	0	0	258,376	64	0	140,366	140,430	0	0
NITRATE COMPOUNDS	N	0	0	0	0	5,286	5,286	0	0	300,308	300,308	0	0
Total for GREIF PACKAGING LLC		**9,979**	**285,765**	**295,744**	**0**	**5,286**	**301,030**	**123**	**0**	**504,015**	**504,138**	**0**	**0**
AMHERST	**LYNCHBURG STEEL CO LLC**							**275 FRANCIS AVE**				**NAICS Code**	**33231**
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

* 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 IDS; APPENDIX H INCLUDES BOTH SUBMISSIONS HOWEVER THE 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)
Total for LYNCHBURG STEEL CO LLC		0	0	0	0	0	0	0	0	0	0	0	0
Total for Above County : (7 reports)		**9,979**	**285,765**	**295,744**	**0**	**5,286**	**301,030**	**123**	**0**	**504,015**	**504,138**	**0**	**0**
ARLINGTON	**ALLIED AVIATION FUELING CO INC**							**RONALD REAGAN NATIONAL AIRPORT**				**NAICS Code**	**42471**
BENZENE	N	0	315	315	0	0	315	0	0	0	0	0	25
BIPHENYL	N	1	1	2	0	0	2	0	0	0	0	0	14
CYCLOHEXANE	N	0	315	315	0	0	315	0	0	0	0	0	25
ETHYLBENZENE	N	7	321	328	0	61	389	0	0	0	0	0	184
METHYL TERT-BUTYL ETHER	N	0	629	629	0	0	629	0	0	0	0	0	50
NAPHTHALENE	N	15	351	366	0	352	718	0	0	0	0	0	698
N-HEXANE	N	0	315	315	0	0	315	0	0	0	0	0	25
TOLUENE	N	0	1,573	1,573	0	0	1,573	0	0	0	0	0	125
XYLENE (MIXED ISOMERS)	N	0	1,258	1,258	0	0	1,258	0	0	0	0	0	226
Total for ALLIED AVIATION FUELING CO INC		**23**	**5,078**	**5,101**	**0**	**413**	**5,514**	**0**	**0**	**0**	**0**	**0**	**1,372**
ARLINGTON	**PENT RESERVATION**							**N ROTARY RD**				**NAICS Code**	**92811**
ETHYLBENZENE	N	0	28,480	28,480	0	0	28,480	0	0	0	0	0	0
NAPHTHALENE	N	0	85,439	85,439	0	0	85,439	0	0	0	0	0	0
N-HEXANE	N	0	56,959	56,959	0	0	56,959	0	0	0	0	0	0
Total for PENT RESERVATION		**0**	**170,878**	**170,878**	**0**	**0**	**170,878**	**0**	**0**	**0**	**0**	**0**	**0**
ARLINGTON	**VIRGINIA CONCRETE SHIRLINGTON PLANT**							**2651 SHIRLINGTON ROAD**				**NAICS Code**	**32732**
NITRATE COMPOUNDS	N	0	0	0	0	182	182	0	0	0	0	0	0
Total for Virginia Concrete Shirlington Plant		**0**	**0**	**0**	**0**	**182**	**182**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (13 reports)		**23**	**175,956**	**175,979**	**0**	**595**	**176,574**	**0**	**0**	**0**	**0**	**0**	**1,372**

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AUGUSTA	**ACCUTEC BLADES, INC.**							**57 RAZOR BLADE LN**				**NAICS Code**	**33299**
AMMONIA	N	600	41	641	0	0	641	0	0	0	0	0	0
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	20,433
Total for ACCUTEC BLADES, INC.		**600**	**41**	**641**	**0**	**0**	**641**	**0**	**0**	**0**	**0**	**0**	**20,433**
AUGUSTA	**BALL ADVANCED ALUMINUM TECHNOLOGIES CORP**							**56 DUNSMORE RD**				**NAICS Code**	**33131**
ALUMINUM (FUME OR DUST)	N	0	14,000	14,000	0	0	14,000	0	0	0	0	0	57,000
Total for BALL ADVANCED ALUMINUM TECHNOLO		**0**	**14,000**	**14,000**	**0**	**0**	**14,000**	**0**	**0**	**0**	**0**	**0**	**57,000**
AUGUSTA	**CERRO FABRICATED PRODUCTS INC**							**300 TRIANGLE DR**				**NAICS Code**	**33272**
COPPER	N	0	0	0	0	0	0	0	0	0	0	29	2,519
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	4,306	0
NITRIC ACID	N	4	1,731	1,735	0	0	1,735	0	0	37,344	37,344	0	0
Total for CERRO FABRICATED PRODUCTS INC		**4**	**1,731**	**1,735**	**0**	**0**	**1,735**	**0**	**0**	**37,344**	**37,344**	**4,335**	**2,519**
AUGUSTA	**DAIKIN APPLIED**							**207 LAUREL HILL RD**				**NAICS Code**	**33341**
COPPER	N	2	0	2	0	8	10	0	0	0	0	225	98,511
MANGANESE COMPOUNDS	N	27	0	27	0	0	27	0	0	0	0	0	6,927
SODIUM NITRITE	N	0	0	0	0	0	0	0	0	0	0	12,679	254
Total for DAIKIN APPLIED		**29**	**0**	**29**	**0**	**8**	**37**	**0**	**0**	**0**	**0**	**12,904**	**105,691**
AUGUSTA	**DEGESCH AMERICA INC**							**153 TRIANGLE DR**				**NAICS Code**	**32532**
ALUMINUM PHOSPHIDE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	N	0	751	751	0	0	751	0	0	0	0	0	0
PHOSPHINE	N	0	280	280	0	0	280	0	0	0	0	0	0
Total for DEGESCH AMERICA INC		**0**	**1,031**	**1,031**	**0**	**0**	**1,031**	**0**	**0**	**0**	**0**	**0**	**0**

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AUGUSTA	**FLINT GROUP NA CORP**							**106 TRIANGLE DR**				**NAICS Code**	**32591**
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 DR**				**NAICS Code**	**32611**
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	294	0	294	0	308
Total for GROTTOES PLASTICS PLANT		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**294**	**0**	**294**	**0**	**308**
AUGUSTA	**INVISTA SA RL-WAYNESBORO FACILITY**							**400 DU PONT BLVD**				**NAICS Code**	**32522**
DIISOCYANATES	N	18	0	18	0	0	18	0	0	0	0	0	5,690
NITRATE COMPOUNDS	N	0	0	0	0	25,000	25,000	0	0	72,000	72,000	0	0
Total for INVISTA SA RL-WAYNESBORO FACILITY		**18**	**0**	**18**	**0**	**25,000**	**25,018**	**0**	**0**	**72,000**	**72,000**	**0**	**5,690**
AUGUSTA	**MASTIC HOME EXTERIORS STUARTS DRAFT**							**185 JOHNSON DR**				**NAICS Code**	**32619**
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**	**33211**
CHROMIUM	N	0	0	0	0	8	8	0	0	0	0	3	26,834
COPPER	N	7,759	4,842	12,601	0	14	12,615	0	0	0	0	23	148,120
Total for NIBCO OF VIRGINIA INC.		**7,759**	**4,842**	**12,601**	**0**	**22**	**12,623**	**0**	**0**	**0**	**0**	**26**	**174,954**
AUGUSTA	**REXNORD INDUSTRIES LLC**							**150 JOHNSON DR**				**NAICS Code**	**33361**
AMMONIA	N	0	4,472	4,472	0	0	4,472	0	0	0	0	0	0
Total for REXNORD INDUSTRIES LLC		**0**	**4,472**	**4,472**	**0**	**0**	**4,472**	**0**	**0**	**0**	**0**	**0**	**0**

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AUGUSTA	**SHAMROCK FOODS DAIRY DIV VERONA VIRGINIA**							**318 MILL PL PKWY**				**NAICS Code**	**31151**
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	39,862	35,876
NITRIC ACID	N	5	0	5	0	0	5	0	0	40,472	40,472	0	0
Total for SHAMROCK FOODS DAIRY DIV VERONA		**5**	**0**	**5**	**0**	**0**	**5**	**0**	**0**	**40,472**	**40,472**	**39,862**	**35,876**
AUGUSTA	**SUNLITE PLASTICS INC.**							**846 KEEZLETOWN RD**				**NAICS Code**	**32619**
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 : (25 reports)		**8,415**	**26,117**	**34,532**	**0**	**25,030**	**59,562**	**0**	**294**	**149,816**	**150,110**	**57,127**	**402,471**
BEDFORD	**BLUE RIDGE WOOD PRESERVING INC.**							**1220 HENDRICKS STORE RD**				**NAICS Code**	**32111**
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**	**32212**
ACETALDEHYDE	N	1,600	52,000	53,600	9	910	54,519	0	0	55,821	55,821	0	0
AMMONIA	N	500	8,938	9,438	3	1,200	10,641	0	0	0	0	0	0
BARIUM COMPOUNDS	N	0	120	120	10,000	5,100	15,220	0	0	0	0	0	0
HYDROGEN SULFIDE	N	14,900	0	14,900	20	1	14,921	0	0	119,720	119,720	0	0
MANGANESE COMPOUNDS	N	0	36	36	42,600	2,200	44,836	0	0	0	0	0	0
METHANOL	N	2,700	275,000	277,700	420	900	279,020	0	0	440,662	440,662	0	0
NITRATE COMPOUNDS	N	0	0	0	6	5,100	5,106	0	0	0	0	0	0
Total for GEORGIA-PACIFIC BIG ISLAND MILL		**19,700**	**336,094**	**355,794**	**53,058**	**15,411**	**424,263**	**0**	**0**	**616,203**	**616,203**	**0**	**0**
BEDFORD	**TRIDENT SEAFOODS - BEDFORD**							**940 ORANGE ST**				**NAICS Code**	**31199**
AMMONIA	N	0	0	0	0	0	0	0	0	0	0	0	8,783

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Total for TRIDENT SEAFOODS - BEDFORD		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8,783**
BEDFORD	**WHEELABRATOR ABRASIVES INC**							**1 ABRASIVE AVE**				**NAICS Code**	**32791**
CHROMIUM	N	0	0	0	750	0	750	0	0	0	0	0	292,212
MANGANESE	N	0	0	0	250	0	250	0	0	0	0	0	220,090
NICKEL	N	0	0	0	750	0	750	0	0	0	0	0	151,016
Total for WHEELABRATOR ABRASIVES INC		**0**	**0**	**0**	**1,750**	**0**	**1,750**	**0**	**0**	**0**	**0**	**0**	**663,318**
Total for Above County : (12 reports)		**19,700**	**336,094**	**355,794**	**54,808**	**15,411**	**426,013**	**0**	**0**	**616,203**	**616,203**	**0**	**672,101**
BLAND	**ABB INC**							**171 INDUSTRY DRIVE**				**NAICS Code**	**33531**
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	535,298
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	18,758
NICKEL COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	18,985
Total for ABB INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**573,041**
BLAND	**PASCOR ATLANTIC CORP**							**254 INDUSTRY DR**				**NAICS Code**	**33531**
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	18,801
Total for PASCOR ATLANTIC CORP		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**18,801**
Total for Above County : (4 reports)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**591,842**
BOTETOURT	**ALTEC INDUSTRIES, INC.**							**325 SOUTH CENTER DRIVE**				**NAICS Code**	**33621**
MANGANESE	N	83	0	83	0	0	83	0	0	0	0	0	48,000
Total for ALTEC INDUSTRIES, INC.		**83**	**0**	**83**	**0**	**0**	**83**	**0**	**0**	**0**	**0**	**0**	**48,000**
BOTETOURT	**DYNAX AMERICA CORP**							**568 E PARK DR**				**NAICS Code**	**33635**
HYDROCHLORIC ACID (1995 AND	N	0	1,850	1,850	0	0	1,850	0	0	143,687	143,687	0	0

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METHANOL	N	29,786	9,228	39,014	0	0	39,014	0	0	825,274	825,274	0	10,556
PHENOL	N	3,083	754	3,837	0	0	3,837	0	0	80,417	80,417	0	1,091
Total for DYNAX AMERICA CORP		**32,869**	**11,832**	**44,701**	**0**	**0**	**44,701**	**0**	**0**	**1,049,378**	**1,049,378**	**0**	**11,647**
BOTETOURT	**GALA INDUSTRIES INC.**							**181 PAULEY ST**				**NAICS Code**	**33324**
CHROMIUM	N	2	0	2	0	0	2	0	0	0	0	0	31,725
NICKEL	N	1	0	1	0	0	1	0	0	0	0	0	21,513
Total for GALA INDUSTRIES INC.		**3**	**0**	**3**	**0**	**0**	**3**	**0**	**0**	**0**	**0**	**0**	**53,237**
BOTETOURT	**GENERAL SHALE BRICK INC PLANT 35 & 36**							**2353 WEBSTER RD**				**NAICS Code**	**32712**
HYDROCHLORIC ACID (1995 AND	N	0	31,160	31,160	0	0	31,160	0	0	2,522	2,522	0	0
HYDROGEN FLUORIDE	N	0	10,800	10,800	0	0	10,800	0	0	96,795	96,795	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**	**41,960**	**41,960**	**0**	**0**	**41,960**	**0**	**0**	**99,317**	**99,317**	**0**	**0**
BOTETOURT	**METALSA ROANOKE INC.**							**184 VISTA DR**				**NAICS Code**	**33639**
MANGANESE	N	0	9	9	0	0	9	0	0	0	0	2	6,990
NICKEL	N	0	1	1	0	0	1	0	0	0	0	0	652
Total for METALSA ROANOKE INC.		**0**	**9**	**9**	**0**	**0**	**9**	**0**	**0**	**0**	**0**	**3**	**7,641**
BOTETOURT	**ROANOKE CEMENT CO LLC**							**6071 CATAWBA RD**				**NAICS Code**	**32731**
ACETALDEHYDE	N	0	30,925	30,925	0	0	30,925	0	0	0	0	0	0
CHROMIUM COMPOUNDS (EXCEPT	Y	0	0	0	0	0	0	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	13,460	13,460	0	0	13,460	0	0	0	0	0	0
MANGANESE COMPOUNDS	N	315	105	420	326	20	766	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	28,692	28,692	0	0	28,692	0	0	0	0	0	0
Total for ROANOKE CEMENT CO LLC		**315**	**73,182**	**73,497**	**326**	**20**	**73,843**	**0**	**0**	**0**	**0**	**0**	**0**

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BOTETOURT	**TREAD CORP**							**176 EASTPARK DR**				**NAICS Code**	**33392**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	51,457
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	5,011
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	22,711
Total for TREAD CORP		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**79,179**
BOTETOURT	**VIRGINIA TRANSFORMER CORP**							**201 TRANSFORMER WAY**				**NAICS Code**	**33531**
XYLENE (MIXED ISOMERS)	N	4,725	4,239	8,964	0	0	8,964	0	1,450	0	1,450	0	0
Total for VIRGINIA TRANSFORMER CORP		**4,725**	**4,239**	**8,964**	**0**	**0**	**8,964**	**0**	**1,450**	**0**	**1,450**	**0**	**0**
Total for Above County : (20 reports)		**37,995**	**131,222**	**169,217**	**326**	**20**	**169,563**	**0**	**1,450**	**1,148,695**	**1,150,145**	**3**	**199,705**
BRUNSWICK	**REDLAND BRICK INC-LAWRENCEVILLE PLANT**							**16024 GOVERNOR HARRISON PKWY**				**NAICS Code**	**32712**
HYDROGEN FLUORIDE	N	0	302	302	0	0	302	0	0	36,064	36,064	0	0
MANGANESE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for REDLAND BRICK INC-LAWRENCEVILLE		**0**	**302**	**302**	**0**	**0**	**302**	**0**	**0**	**36,064**	**36,064**	**0**	**0**
Total for Above County : (2 reports)		**0**	**302**	**302**	**0**	**0**	**302**	**0**	**0**	**36,064**	**36,064**	**0**	**0**
BUCHANAN	**JEWELL COKE CO LP**							**1034 DISMAL RIVER RD**				**NAICS Code**	**33111**
HYDROCHLORIC ACID (1995 AND	N	0	1,291,462	1,291,462	0	0	1,291,462	0	0	0	0	0	0
Total for JEWELL COKE CO LP		**0**	**1,291,462**	**1,291,462**	**0**	**0**	**1,291,462**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (1 record)		**0**	**1,291,462**	**1,291,462**	**0**	**0**	**1,291,462**	**0**	**0**	**0**	**0**	**0**	**0**
BUCKINGHAM	**BEAR GARDEN GENERATING STATION**							**2608 C.G. WOODSON ROAD**				**NAICS Code**	**22111**
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

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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)
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for BEAR GARDEN GENERATING STATION		**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**
BUENA VISTA (CITY)	**EVERBRITE LLC**							**627 E 30TH ST**				**NAICS Code**	**33995**
COPPER	N	0	5	5	0	0	5	0	0	0	0	0	13,400
MANGANESE	N	0	1	1	0	0	1	0	0	0	0	0	3,315
Total for EVERBRITE LLC		**0**	**6**	**6**	**0**	**0**	**6**	**0**	**0**	**0**	**0**	**0**	**16,715**
Total for Above County : (2 reports)		**0**	**6**	**6**	**0**	**0**	**6**	**0**	**0**	**0**	**0**	**0**	**16,715**
CAMPBELL	**ABBOTT LABORATORIES**							**1518 MAIN ST(US RT 29 BUSINESS)**				**NAICS Code**	**31151**
ZINC COMPOUNDS	N	0	18	18	0	0	18	0	0	0	0	143	94
Total for ABBOTT LABORATORIES		**0**	**18**	**18**	**0**	**0**	**18**	**0**	**0**	**0**	**0**	**143**	**94**
CAMPBELL	**BANKER STEEL COMPANY, LLC**							**351 RANGOON ROAD**				**NAICS Code**	**33231**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	24,077
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	54,406
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	46,302
Total for BANKER STEEL COMPANY, LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**124,785**
CAMPBELL	**BWXT NUCLEAR OPERATIONS GROUP, INC.**							**1570 MOUNT ATHOS RD**				**NAICS Code**	**33241**
CHROMIUM COMPOUNDS (EXCEPT	N	13	76	89	2	8	99	0	0	0	0	0	125
COPPER COMPOUNDS	N	0	15	15	48	220	283	0	0	0	0	0	91,253
HYDROGEN FLUORIDE	N	0	148	148	0	0	148	0	499	93,709	94,208	0	2,183
NICKEL COMPOUNDS	N	3	156	159	1	4	164	0	0	0	0	0	52
NITRATE COMPOUNDS	N	0	0	0	0	565,961	565,961	0	0	1,128,625	1,128,625	0	178,064

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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)
NITRIC ACID	N	19	2,697	2,716	0	0	2,716	0	4,455	1,146,828	1,151,283	0	646,544
Total for BWXT NUCLEAR OPERATIONS GROUP, I		**35**	**3,092**	**3,127**	**50**	**566,193**	**569,370**	**0**	**4,954**	**2,369,162**	**2,374,116**	**0**	**918,221**
CAMPBELL	**FLOWSERVE CORP LYNCHBURG VA**							**5114 WOODALL RD**				**NAICS Code**	**33399**
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**
CAMPBELL	**GEORGIA-PACIFIC WOOD PRODUCTS LLC - BROOKNEAL OSB**							**11795 BROOKNEAL HIGHWAY**				**NAICS Code**	**32121**
ACETALDEHYDE	N	0	4,200	4,200	0	0	4,200	0	0	38,000	38,000	0	0
AMMONIA	N	0	50,000	50,000	0	0	50,000	0	0	0	0	0	0
FORMALDEHYDE	N	0	13,000	13,000	38	0	13,038	0	0	85,000	85,000	0	2
MANGANESE COMPOUNDS	N	0	260	260	0	0	260	0	0	0	0	0	1,900
METHANOL	N	0	65,000	65,000	0	0	65,000	0	0	210,000	210,000	0	0
PHENOL	N	0	3,000	3,000	0	0	3,000	0	0	15,000	15,000	0	0
Total for GEORGIA-PACIFIC WOOD PRODUCTS L		**0**	**135,460**	**135,460**	**38**	**0**	**135,498**	**0**	**0**	**348,000**	**348,000**	**0**	**1,902**
CAMPBELL	**SCHRADER-BRIDGEPORT INTERNATIONAL**							**205 FRAZIER RD**				**NAICS Code**	**33639**
COPPER	N	0	0	0	0	0	0	0	0	0	0	6	1,347,974
Total for SCHRADER-BRIDGEPORT INTERNATION		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6**	**1,347,974**
Total for Above County : (19 reports)		**35**	**138,570**	**138,605**	**88**	**566,193**	**704,886**	**0**	**4,954**	**2,717,162**	**2,722,116**	**149**	**2,392,977**
CAROLINE	**HOOVER TREATED WOOD PRODUCTS, INC**							**18315 HOUSE DR**				**NAICS Code**	**32199**
ARSENIC COMPOUNDS	N	0	0	0	0	76	76	0	0	0	0	0	0
CHROMIUM COMPOUNDS (EXCEPT	N	0	0	0	0	88	88	0	0	0	0	0	0
COPPER COMPOUNDS	N	0	0	0	0	57	57	0	0	0	0	0	0

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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**	**221**	**221**	**0**	**0**	**0**	**0**	**0**	**0**
CAROLINE	**JCI JONES CHEMICALS INC.**							**16248 INDUSTRIAL DR**				**NAICS Code**	**42469**
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**	**22111**
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 RANGES (PART)**							**19952 N RANGE RD**				**NAICS Code**	**92811**
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 RANGES (PART)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (10 reports)		**0**	**0**	**0**	**0**	**221**	**221**	**0**	**0**	**0**	**0**	**0**	**0**
CARROLL	**CWW COVEYOR SYSTEMS INC**							**107 RAINTREE RD**				**NAICS Code**	**33392**
MANGANESE	N	6	0	6	0	0	6	0	0	0	0	0	0
Total for CWW COVEYOR SYSTEMS INC		**6**	**0**	**6**	**0**	**0**	**6**	**0**	**0**	**0**	**0**	**0**	**0**
CARROLL	**VAUGHAN-BASSETT FURNITURE CO. GALAX**							**300 E GRAYSON ST**				**NAICS Code**	**33712**
CERTAIN GLYCOL ETHERS	N	1,606	9,101	10,707	0	0	10,707	0	0	0	0	0	115
METHANOL	N	2,477	14,034	16,511	0	0	16,511	0	0	0	0	0	141
TOLUENE	N	10,632	60,371	71,003	0	0	71,003	0	0	0	0	0	765

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XYLENE (MIXED ISOMERS)	N	2,132	12,086	14,218	0	0	14,218	0	0	0	0	0	118
Total for VAUGHAN-BASSETT FURNITURE CO. GA		**16,847**	**95,592**	**112,439**	**0**	**0**	**112,439**	**0**	**0**	**0**	**0**	**0**	**1,139**
Total for Above County : (5 reports)		**16,853**	**95,592**	**112,445**	**0**	**0**	**112,445**	**0**	**0**	**0**	**0**	**0**	**1,139**
CHESAPEAKE (CITY)	**AMERICAN GFM CORP**							**1200 CAVALIER BLVD**				**NAICS Code**	**33351**
AMMONIA	N	0	5,769	5,769	0	0	5,769	0	0	0	0	0	0
Total for AMERICAN GFM CORP		**0**	**5,769**	**5,769**	**0**	**0**	**5,769**	**0**	**0**	**0**	**0**	**0**	**0**
CHESAPEAKE (CITY)	**ELIZABETH RIVER COMBUSTION TURBINE STATION**							**2837 S MILITARY HWY**				**NAICS Code**	**22111**
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**	**33391**
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 KAGAKU IMAGING CORP**							**401 VOLVO PKWY**				**NAICS Code**	**32599**
CHROMIUM COMPOUNDS (EXCEPT	N	5	5	10	0	0	10	0	0	0	0	0	606
ZINC COMPOUNDS	N	5	4	9	0	0	9	0	0	0	0	0	551
Total for MITSUBISHI KAGAKU IMAGING CORP		**10**	**9**	**19**	**0**	**0**	**19**	**0**	**0**	**0**	**0**	**0**	**1,157**
CHESAPEAKE (CITY)	**MITSUBISHI PLASTICS COMPOSITES AMERICA**							**401 VOLVO PKWY**				**NAICS Code**	**33281**
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	2,220

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Total for MITSUBISHI PLASTICS COMPOSITES AM		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2,220**
CHESAPEAKE (CITY)	**PERDUE FARMS INC-CHESAPEAKE GRAIN**							**501A BARNES RD**				**NAICS Code**	**31122**
N-HEXANE	N	95,201	211,900	307,101	0	0	307,101	0	0	0	0	75	75
Total for PERDUE FARMS INC-CHESAPEAKE GRA		**95,201**	**211,900**	**307,101**	**0**	**0**	**307,101**	**0**	**0**	**0**	**0**	**75**	**75**
CHESAPEAKE (CITY)	**SAFETY-KLEEN SYSTEMS CHESAPEAKE (CPK)**							**4545 BAINBRIDGE BLVD**				**NAICS Code**	**56211**
ETHYLENE GLYCOL	N	1	0	1	0	0	1	0	0	0	0	0	87,071
Total for SAFETY-KLEEN SYSTEMS CHESAPEAKE		**1**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**87,071**
Total for Above County : (12 reports)		**95,212**	**217,678**	**312,890**	**0**	**0**	**312,890**	**0**	**0**	**0**	**0**	**75**	**90,523**
CHESTERFIELD	**ALERIS ROLLED PRODUCTS INC**							**1701 REYMET RD**				**NAICS Code**	**33131**
ALUMINUM (FUME OR DUST)	N	3,038	6,014	9,052	0	0	9,052	0	0	0	0	0	670,703
Total for ALERIS ROLLED PRODUCTS INC		**3,038**	**6,014**	**9,052**	**0**	**0**	**9,052**	**0**	**0**	**0**	**0**	**0**	**670,703**
CHESTERFIELD	**AMCOR TOBACCO PACKAGING**							**701 ALGROUP WAY**				**NAICS Code**	**32311**
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for AMCOR TOBACCO PACKAGING		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CHESTERFIELD	**BELLWOOD PRINTING PLANT**							**2001 REYMET RD**				**NAICS Code**	**32311**
AMMONIA	N	6,811	6,811	13,622	0	0	13,622	0	0	0	0	0	0
Total for BELLWOOD PRINTING PLANT		**6,811**	**6,811**	**13,622**	**0**	**0**	**13,622**	**0**	**0**	**0**	**0**	**0**	**0**
CHESTERFIELD	**CHEMOURS JAMES RIVER PLANT**							**1201 BELLWOOD RD**				**NAICS Code**	**32518**
HYDROGEN SULFIDE	N	171	0	171	0	0	171	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	2,973	14,681	17,654	0	0	17,654	0	0	0	0	0	0
Total for CHEMOURS JAMES RIVER PLANT		**3,144**	**14,681**	**17,825**	**0**	**0**	**17,825**	**0**	**0**	**0**	**0**	**0**	**0**

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CHESTERFIELD	**CHESTERFIELD POWER STATION**							**500 COXENDALE RD**				**NAICS Code**	**22111**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	N	0	29,000	29,000	0	19,000	48,000	0	0	0	0	0	0
ARSENIC COMPOUNDS	N	0	200	200	43,000	47	43,247	0	0	0	0	0	0
BARIUM COMPOUNDS	N	0	100	100	410,000	310	410,410	0	0	0	0	0	0
CHROMIUM COMPOUNDS (EXCEPT	N	0	350	350	73,000	2	73,352	0	0	0	0	0	0
COBALT COMPOUNDS	N	0	77	77	26,000	5	26,082	0	0	0	0	0	0
COPPER COMPOUNDS	N	0	20	20	83,000	510	83,530	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	630,000	630,000	0	0	630,000	0	0	0	0	0	0
HYDROGEN FLUORIDE	N	0	78,000	78,000	0	0	78,000	0	0	0	0	0	0
MANGANESE COMPOUNDS	N	0	540	540	100,000	73	100,613	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	210	210	73,000	22	73,232	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	100,000	100,000	0	0	100,000	0	0	0	0	0	0
VANADIUM COMPOUNDS	N	0	52	52	160,000	0	160,052	0	0	0	0	0	0
ZINC COMPOUNDS	N	0	660	660	92,000	960	93,620	0	0	0	0	0	0
Total for CHESTERFIELD POWER STATION		**0**	**839,209**	**839,209**	**1,060,000**	**20,929**	**1,920,138**	**0**	**0**	**0**	**0**	**0**	**0**
CHESTERFIELD	**CHURCH & DWIGHT CO INC**							**1851 TOUCHSTONE RD**				**NAICS Code**	**32629**
AMMONIA	N	26,806	497,416	524,222	0	0	524,222	0	0	0	0	1,189	713
NITRATE COMPOUNDS	N	0	160	160	0	0	160	0	0	0	0	63,915	60,367
Total for CHURCH & DWIGHT CO INC		**26,806**	**497,576**	**524,382**	**0**	**0**	**524,382**	**0**	**0**	**0**	**0**	**65,104**	**61,080**
CHESTERFIELD	**DUPONT SPRUANCE PLANT**							**U.S. HWY 1 AT COGBILL RD**				**NAICS Code**	**32522**

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1,3-PHENYLENEDIAMINE	N	0	0	0	0	0	0	0	0	0	0	0	1,896
AMMONIA	N	20,083	2,751	22,834	0	11,026	33,860	0	0	0	0	0	10,624
CHLOROFORM	N	201	4,287	4,488	0	23	4,511	0	0	168	168	0	0
DIMETHYLAMINE	N	19,500	0	19,500	0	23,314	42,814	0	0	103,118	103,118	0	0
NITRATE COMPOUNDS	N	0	0	0	0	74,126	74,126	0	0	0	0	0	0
N-METHYL-2-PYRROLIDONE	N	0	42,790	42,790	0	4,602	47,392	0	0	40,075	40,075	0	858,133
P-PHENYLENEDIAMINE	N	0	0	0	0	0	0	0	0	0	0	0	9,591
SODIUM NITRITE	N	0	0	0	0	9,110	9,110	0	0	19,658	19,658	0	0
TOLUENE	N	32,506	35,214	67,720	0	10	67,730	0	0	0	0	0	19,055
TRICHLOROFLUOROMETHANE	N	146,577	14,378	160,955	0	8	160,963	0	0	520	520	0	0
Total for DUPONT SPRUANCE PLANT		**218,867**	**99,420**	**318,287**	**0**	**122,219**	**440,506**	**0**	**0**	**163,539**	**163,539**	**0**	**899,299**
CHESTERFIELD	**DUPONT TEIJIN FILMS**							**3600 DISCOVERY DR**				**NAICS Code**	**32521**
ACETALDEHYDE	N	0	96,188	96,188	0	1,371	97,559	0	0	15,912	15,912	2,002	1,502
ANTIMONY COMPOUNDS	N	0	0	0	0	31	31	0	0	0	0	58	49
ETHYLENE GLYCOL	N	0	1,303	1,303	0	90	1,393	0	0	584,791	584,791	67,967	60,695
METHANOL	N	3,676	21,943	25,619	0	94	25,713	0	0	2,161	2,161	251	250
Total for DUPONT TEIJIN FILMS		**3,676**	**119,434**	**123,110**	**0**	**1,586**	**124,696**	**0**	**0**	**602,864**	**602,864**	**70,278**	**62,495**
CHESTERFIELD	**ETERNAL TECHNOLOGY CORP**							**1800 TOUCHSTONE RD**				**NAICS Code**	**32599**
TOLUENE	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for ETERNAL TECHNOLOGY CORP		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CHESTERFIELD	**GE ALSTOM RICHMOND SERVICE CENTER**							**1200 WILLIS RD**				**NAICS Code**	**33361**
CHROMIUM	N	4	0	4	0	22	26	0	0	0	0	0	25,005
COPPER	N	0	0	0	0	11	11	0	0	0	0	0	44,005

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NICKEL	N	13	0	13	0	6	19	0	0	0	0	0	2,205
Total for GE ALSTOM RICHMOND SERVICE CENT		**17**	**0**	**17**	**0**	**39**	**56**	**0**	**0**	**0**	**0**	**0**	**71,215**
CHESTERFIELD	**HONEYWELL INTERNATIONAL COLONIAL HEIGHTS PLANT**							**15801 WOODS EDGE RD**				**NAICS Code**	**32522**
FREON 113	N	218,499	59,340	277,839	0	0	277,839	0	339,050,546	0	339,050,546	0	997
Total for HONEYWELL INTERNATIONAL COLONIA		**218,499**	**59,340**	**277,839**	**0**	**0**	**277,839**	**0**	**339,050,546**	**0**	**339,050,546**	**0**	**997**
CHESTERFIELD	**INDUSTRIAL CHEMICALS INC**							**2540 BELLWOOD RD**				**NAICS Code**	**42469**
CYCLOHEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLENE GLYCOL	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
Total for INDUSTRIAL CHEMICALS INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CHESTERFIELD	**MECHANICSVILLE CONCRETE LLC-CHESTERFIELD PLANT**							**3501 WARBRO ROAD**				**NAICS Code**	**32732**
NITRATE COMPOUNDS	N	0	0	0	0	23	23	0	0	0	0	0	0
Total for MECHANICSVILLE CONCRETE LLC-CHE		**0**	**0**	**0**	**0**	**23**	**23**	**0**	**0**	**0**	**0**	**0**	**0**
CHESTERFIELD	**PHILIP MORRIS USA PARK 500 SITE**							**4100 BERMUDA HUNDRED RD**				**NAICS Code**	**31223**
AMMONIA	N	3,816	377,825	381,641	0	215	381,856	0	0	3,887	3,887	0	1,023
CHLORINE	N	0	0	0	0	0	0	0	0	6,069	6,069	0	0
NICOTINE AND SALTS	N	221	22,086	22,307	0	24	22,331	0	0	120,683	120,683	0	155,089
NITRATE COMPOUNDS	N	0	0	0	0	3,556	3,556	0	0	277,667	277,667	0	0
Total for PHILIP MORRIS USA PARK 500 SITE		**4,037**	**399,911**	**403,948**	**0**	**3,795**	**407,743**	**0**	**0**	**408,306**	**408,306**	**0**	**156,112**
CHESTERFIELD	**SABRA DIPPING CO LLC**							**15900 SABRA WAY**				**NAICS Code**	**31199**
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	88,000	79,200
NITRIC ACID	N	0	0	0	0	0	0	0	0	89,544	89,544	0	0

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Total for SABRA DIPPING CO LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**89,544**	**89,544**	**88,000**	**79,200**
CHESTERFIELD	**SAFETY-KLEEN SYSTEMS CHESTER (CVA)**							**1200 W 100 RD**				**NAICS Code**	**56211**
ETHYLENE GLYCOL	N	0	4	4	0	0	4	0	0	0	0	0	93,975
Total for SAFETY-KLEEN SYSTEMS CHESTER (CV		**0**	**4**	**4**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**93,975**
CHESTERFIELD	**SUPER RADIATOR COILS**							**451 SOUTHLAKE BLVD**				**NAICS Code**	**33341**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	16,301
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	10,698
Total for SUPER RADIATOR COILS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**26,999**
CHESTERFIELD	**UNIVAR USA INC CHESTER FACILIT Y**							**1001 OLD BERMUDA HUNDRED RD**				**NAICS Code**	**42469**
ETHYLBENZENE	N	3	33	36	0	0	36	0	0	0	0	0	625
METHANOL	N	10	455	465	0	0	465	0	0	0	0	0	4,453
METHYL ISOBUTYL KETONE	N	5	72	77	0	0	77	0	0	0	0	0	2,184
N,N-DIMETHYLFORMAMIDE	N	6	10	16	0	0	16	0	0	0	0	0	2,637
N-BUTYL ALCOHOL	N	3	4	7	0	0	7	0	0	0	0	0	1,447
TOLUENE	N	18	387	405	0	0	405	0	0	0	0	0	8,766
XYLENE (MIXED ISOMERS)	N	5	32	37	0	0	37	0	0	0	0	0	2,085
Total for UNIVAR USA INC CHESTER FACILIT Y		**50**	**993**	**1,043**	**0**	**0**	**1,043**	**0**	**0**	**0**	**0**	**0**	**22,197**
CHESTERFIELD	**US DEFENSE LOGISTICS AGENCY DEFENSE SUPPLY CENTER RICH**							**8000 JEFFERSON DAVIS HWY**				**NAICS Code**	**42512**
BROMOCHLORODIFLUOROMETHA	N	650	0	650	0	0	650	0	0	0	0	0	0
BROMOTRIFLUOROMETHANE	N	164	0	164	0	0	164	0	0	0	0	0	0
CHLORODIFLUOROMETHANE	N	143	0	143	0	0	143	0	0	0	0	0	0
DICHLORODIFLUOROMETHANE (C	N	0	0	0	0	0	0	0	0	0	0	0	0
DICHLOROTETRAFLUOROETHANE	N	290	0	290	0	0	290	0	0	0	0	0	0

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Total for US DEFENSE LOGISTICS AGENCY DEFE		**1,247**	**0**	**1,247**	**0**	**0**	**1,247**	**0**	**0**	**0**	**0**	**0**	**0**
CHESTERFIELD	**WAKO CHEMICALS USA INC**							**1600 BELLWOOD RD**				**NAICS Code**	**32519**
AMMONIA	N	250	250	500	0	0	500	0	0	54,000	54,000	3,600	3,600
HYDROCHLORIC ACID (1995 AND	N	250	750	1,000	0	0	1,000	0	0	12,400	12,400	0	0
METHANOL	N	750	18,000	18,750	0	0	18,750	0	0	90,000	90,000	10,000	205,700
TOLUENE	N	750	3,000	3,750	0	0	3,750	0	0	7,500	7,500	0	25,250
Total for WAKO CHEMICALS USA INC		**2,000**	**22,000**	**24,000**	**0**	**0**	**24,000**	**0**	**0**	**163,900**	**163,900**	**13,600**	**234,550**
Total for Above County : (71 reports)		**488,192**	**2,065,393**	**2,553,584**	**1,060,000**	**148,591**	**3,762,175**	**0**	**339,050,546**	**1,428,153**	**340,478,699**	**236,982**	**2,378,822**
CLARKE	**GRIFFITH ENERGY SERVICES INC-BERRYVILLE**							**618 E MAIN ST**				**NAICS Code**	**45431**
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**	**45431**
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**
CLARKE	**TRELLEBORG MARINE SYSTEMS USA, INC.**							**532 JACK ENDERS BLVD**				**NAICS Code**	**32619**
1,2-BUTYLENE OXIDE	N	5	0	5	0	0	5	0	0	0	0	0	0
TOLUENE	N	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE-2,4-DIISOCYANATE	N	0	5	5	0	0	5	0	0	0	0	0	0
TRICHLOROETHYLENE	N	5	5	10	5	0	15	0	0	0	0	0	0
Total for TRELLEBORG MARINE SYSTEMS USA, I		**10**	**10**	**20**	**5**	**0**	**25**	**0**	**0**	**0**	**0**	**0**	**0**

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Total for Above County : (8 reports)		**10**	**10**	**20**	**5**	**0**	**25**	**0**	**0**	**0**	**0**	**0**	**0**
COLONIAL HEIGHTS (CITY)	**METL-SPAN A DIV OF NCI GROUP INC**							**1703 RUFFIN MILL RD**				**NAICS Code**	**33231**
DIISOCYANATES	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for METL-SPAN A DIV OF NCI GROUP INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
COLONIAL HEIGHTS (CITY)	**SUN CHEMICAL CORP**							**16000 CONTINENTAL BLVD**				**NAICS Code**	**32591**
COPPER	N	11	10	21	0	0	21	0	0	0	0	0	0
Total for SUN CHEMICAL CORP		**11**	**10**	**21**	**0**	**0**	**21**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 reports)		**11**	**10**	**21**	**0**	**0**	**21**	**0**	**0**	**0**	**0**	**0**	**0**
COVINGTON (CITY)	**WESTROCK VIRGINIA CORPORATION (PART)**							**104 E. RIVERSIDE STREET**				**NAICS Code**	**32213**
ACETALDEHYDE	N	2	1,500	1,502	0	0	1,502	0	0	74,000	74,000	0	0
AMMONIA	N	260	220,000	220,260	0	720	220,980	0	0	420,000	420,000	0	0
BARIUM COMPOUNDS	N	0	2	2	0	0	2	0	0	0	0	0	0
CATECHOL	N	0	0	0	24	30	54	0	0	360	360	0	0
CHLORINE	N	10	490	500	0	0	500	0	0	89,000	89,000	0	0
CHLORINE DIOXIDE	N	5	4,000	4,005	0	0	4,005	0	0	470,000	470,000	0	0
CRESOL (MIXED ISOMERS)	N	0	16,000	16,000	600	1	16,601	9,700	0	13,000	22,700	0	0
FORMALDEHYDE	N	12	2,800	2,812	0	0	2,812	0	0	160,000	160,000	0	0
FORMIC ACID	N	0	18,000	18,000	0	0	18,000	0	0	890,000	890,000	0	0
HYDROCHLORIC ACID (1995 AND	N	120	4	124	0	0	124	0	0	190	190	0	0
HYDROGEN SULFIDE	N	11,000	77,000	88,000	11,000	5	99,005	0	0	1,600,000	1,600,000	0	0
MANGANESE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
METHANOL	N	0	54,500	54,500	0	0	54,500	0	0	2,800,000	2,800,000	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)
NITRATE COMPOUNDS	N	0	0	0	76	0	76	0	0	0	0	0	0
PHENOL	N	0	37,000	37,000	390	1	37,391	2,300	0	6,000	8,300	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	180,000	180,000	0	0	180,000	0	0	170,000	170,000	0	0
VANADIUM COMPOUNDS	N	0	1	1	0	0	1	0	0	0	0	0	0
ZINC COMPOUNDS	N	0	12	12	0	0	12	0	0	0	0	0	0
Total for WESTROCK VIRGINIA CORPORATION (P		**11,409**	**611,309**	**622,718**	**12,090**	**757**	**635,565**	**12,000**	**0**	**6,692,550**	**6,704,550**	**0**	**0**
Total for Above County : (18 reports)		**11,409**	**611,309**	**622,718**	**12,090**	**757**	**635,565**	**12,000**	**0**	**6,692,550**	**6,704,550**	**0**	**0**
CULPEPER	**BINGHAM & TAYLOR**							**601 NALLE PL**				**NAICS Code**	**33151**
CHROMIUM	N	0	2	2	0	0	2	0	0	0	0	0	4,905
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	3,642
MANGANESE	N	0	5	5	0	0	5	0	0	0	0	0	9,584
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	5,447
Total for BINGHAM & TAYLOR		**0**	**7**	**7**	**0**	**0**	**7**	**0**	**0**	**0**	**0**	**0**	**23,577**
CULPEPER	**CULPEPER WOOD PRESERVERS**							**15487 BRAGGS CORNER RD**				**NAICS Code**	**32111**
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**	**33711**
TOLUENE	N	0	13,150	13,150	0	0	13,150	0	0	0	0	0	2,085
XYLENE (MIXED ISOMERS)	N	0	16,959	16,959	0	0	16,959	0	0	0	0	0	2,689
Total for MASCO CABINETRY LLC		**0**	**30,109**	**30,109**	**0**	**0**	**30,109**	**0**	**0**	**0**	**0**	**0**	**4,773**
CULPEPER	**QUARLES PETROLEUM INC. CULPEPER BULK PLANT**							**15427 BRANDY RD**				**NAICS Code**	**42471**
1,2,4-TRIMETHYLBENZENE	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
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. CULPEPER		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CULPEPER	**TE CONNECTIVITY**							**751 OLD BRANDY RD**				**NAICS Code**	**33149**
CHROMIUM	N	0	1	1	0	0	1	0	0	0	0	0	16,004
COPPER	N	0	0	0	0	0	0	0	0	0	0	5	308,471
MANGANESE	N	0	4	4	0	0	4	0	0	0	0	0	40,121
NICKEL	N	0	2	2	0	0	2	0	0	0	0	0	9,975
ZINC (FUME OR DUST)	N	0	0	0	0	0	0	0	0	0	0	0	63,962
Total for TE CONNECTIVITY		**0**	**6**	**6**	**0**	**0**	**6**	**0**	**0**	**0**	**0**	**5**	**438,532**
Total for Above County : (16 reports)		**0**	**30,121**	**30,121**	**0**	**0**	**30,122**	**0**	**0**	**0**	**0**	**5**	**466,883**
CUMBERLAND	**GEMINI-FARMVILLE**							**102 HAUSCHILD DR**				**NAICS Code**	**33995**
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**	**32621**
COBALT COMPOUNDS	N	0	3	3	0	0	3	0	0	0	0	0	2,418
ZINC COMPOUNDS	N	0	312	312	0	107	419	0	0	0	0	3,182	354,075
Total for THE GOODYEAR TIRE & RUBBER CO.		**0**	**315**	**315**	**0**	**107**	**422**	**0**	**0**	**0**	**0**	**3,182**	**356,493**
Total for Above County : (2 reports)		**0**	**315**	**315**	**0**	**107**	**422**	**0**	**0**	**0**	**0**	**3,182**	**356,493**

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DINWIDDIE	**CHAPARRAL (VA) INC**							**25801 HOFHEIMER WAY**				**NAICS Code**	**33111**
CHROMIUM COMPOUNDS (EXCEPT	N	56	19	75	0	8	83	0	0	0	0	0	52,814
COPPER COMPOUNDS	N	5	5	10	0	8	18	0	0	0	0	0	47,360
MANGANESE COMPOUNDS	N	501	90	591	0	5	596	0	0	0	0	0	395,304
NICKEL COMPOUNDS	N	6	61	67	0	0	67	0	0	0	0	0	4,143
ZINC COMPOUNDS	N	0	0	0	0	21	21	0	0	0	0	0	4,389,421
Total for CHAPARRAL (VA) INC		**568**	**175**	**743**	**0**	**42**	**785**	**0**	**0**	**0**	**0**	**0**	**4,889,042**
DINWIDDIE	**MECHANICSVILLE CONCRETE LLC-PETERSBURG PLANT**							**26317 SIMPSON RD**				**NAICS Code**	**32732**
NITRATE COMPOUNDS	N	0	0	0	0	10	10	0	0	0	0	0	0
Total for MECHANICSVILLE CONCRETE LLC-PETE		**0**	**0**	**0**	**0**	**10**	**10**	**0**	**0**	**0**	**0**	**0**	**0**
DINWIDDIE	**TMS INTERNATIONAL, LLC**							**25805 HOFHEIMER WAY**				**NAICS Code**	**56292**
COPPER	N	25	0	25	0	0	25	0	0	0	0	0	0
MANGANESE COMPOUNDS	N	47	0	47	0	0	47	0	0	0	0	0	0
NICKEL	N	8	0	8	0	0	8	0	0	0	0	0	0
Total for TMS INTERNATIONAL, LLC		**80**	**0**	**80**	**0**	**0**	**80**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (9 reports)		**648**	**175**	**823**	**0**	**52**	**875**	**0**	**0**	**0**	**0**	**0**	**4,889,042**
FAIRFAX	**BUSH CENTER FOR INTELLIGENCE (CIA)**							**1000 COLONIAL FARM RD**				**NAICS Code**	**92811**
1,2,4-TRIMETHYLBENZENE	N	5	0	5	0	0	5	0	0	0	0	0	0
NAPHTHALENE	N	250	5	255	0	0	255	0	0	0	0	0	0
Total for BUSH CENTER FOR INTELLIGENCE (CIA)		**255**	**5**	**260**	**0**	**0**	**260**	**0**	**0**	**0**	**0**	**0**	**0**
FAIRFAX	**NEWINGTON CONCRETE PLANT**							**8413 TERMINAL RD**				**NAICS Code**	**32732**
NITRATE COMPOUNDS	N	0	0	0	0	734	734	0	0	0	0	0	0

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Total for NEWINGTON CONCRETE PLANT		**0**	**0**	**0**	**0**	**734**	**734**	**0**	**0**	**0**	**0**	**0**	**0**
FAIRFAX	**TITAN VIRGINIA READY-MIX LLC-CENTREVILLE PLANT**							**15718 LEE HIGHWAY**				**NAICS Code**	**32732**
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-CENTR		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FAIRFAX	**US ARMY GARRISON FORT BELVOIR**							**9430 JACKSON LOOP**				**NAICS Code**	**92811**
ETHYLBENZENE	N	2	2	4	0	0	4	0	0	0	0	0	4
NAPHTHALENE	N	0	2	2	1	0	3	0	0	0	0	0	17
Total for US ARMY GARRISON FORT BELVOIR		**2**	**4**	**6**	**1**	**0**	**7**	**0**	**0**	**0**	**0**	**0**	**21**
FAIRFAX	**VIRGINIA CONCRETE EDSALL ROAD PLANT**							**5412 IND US TRIAL DR**				**NAICS Code**	**32732**
NITRATE COMPOUNDS	N	0	0	0	0	251	251	0	0	0	0	0	0
Total for VIRGINIA CONCRETE EDSALL ROAD PL		**0**	**0**	**0**	**0**	**251**	**251**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (7 reports)		**257**	**9**	**266**	**1**	**985**	**1,252**	**0**	**0**	**0**	**0**	**0**	**21**
FAIRFAX (CITY)	**MOTIVA FAIRFAX TERMINAL**							**3800 PICKETT RD**				**NAICS Code**	**42471**
1,2,4-TRIMETHYLBENZENE	N	62	15	77	0	0	77	0	0	0	0	0	15
BENZENE	N	82	159	241	0	0	241	0	0	0	0	0	0
ETHYLBENZENE	N	36	41	77	0	0	77	0	0	0	0	0	0
NAPHTHALENE	N	4	6	10	0	0	10	0	0	0	0	0	2
N-HEXANE	N	142	269	411	0	0	411	0	0	0	0	0	8
STYRENE	N	2	4	6	0	0	6	0	0	0	0	0	1
TOLUENE	N	217	354	571	0	0	571	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	197	211	408	0	0	408	0	0	0	0	0	0
Total for MOTIVA FAIRFAX TERMINAL		**742**	**1,059**	**1,801**	**0**	**0**	**1,801**	**0**	**0**	**0**	**0**	**0**	**26**

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Total for Above County : (8 reports)		**742**	**1,059**	**1,801**	**0**	**0**	**1,801**	**0**	**0**	**0**	**0**	**0**	**26**
FALLS CHURCH (CITY)	**VIRGINIA CONCRETE FALLS CHURCH PLANT**							**7103 GORDON RD**				**NAICS Code**	**32732**
NITRATE COMPOUNDS	N	0	0	0	0	167	167	0	0	0	0	0	0
Total for VIRGINIA CONCRETE FALLS CHURCH P		**0**	**0**	**0**	**0**	**167**	**167**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (1 record)		**0**	**0**	**0**	**0**	**167**	**167**	**0**	**0**	**0**	**0**	**0**	**0**
FAUQUIER	**DOMINION REMINGTON POWER STATION**							**12025 LUCKY HILL ROAD**				**NAICS Code**	**22111**
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 DOMINION REMINGTON POWER STATIO		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FAUQUIER	**FIBERGLASS ENGINEERING CO**							**5019 AIRPORT RD**				**NAICS Code**	**32619**
STYRENE	N	7,324	0	7,324	0	0	7,324	0	0	0	0	0	0
Total for FIBERGLASS ENGINEERING CO		**7,324**	**0**	**7,324**	**0**	**0**	**7,324**	**0**	**0**	**0**	**0**	**0**	**0**
FAUQUIER	**OLD DOMINION ELECTRIC CO-OP MARSH RUN GENERATION FACIL**							**12109 LUCKY HILL RD**				**NAICS Code**	**22111**
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**
Total for Above County : (7 reports)		**7,324**	**0**	**7,324**	**0**	**0**	**7,324**	**0**	**0**	**0**	**0**	**0**	**0**
FRANKLIN	**BLUE RIDGE SOLVENTS & COATINGS**							**3800 ORIGINAL HENRY RD**				**NAICS Code**	**32551**
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**	**32199**
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**	**32111**
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**	**32541**
CERTAIN GLYCOL ETHERS	N	0	0	0	0	0	0	0	0	0	0	0	2,482
Total for FISHER SCIENTIFIC INTERNATIONAL MT		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2,482**
FREDERICK	**HP HOOD LLC**							**160 HOOD WAY**				**NAICS Code**	**31151**
AMMONIA	N	227	0	227	0	0	227	0	0	0	0	0	0
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	94,328	94,328
NITRIC ACID	N	0	0	0	0	0	0	0	0	69,803	69,803	0	0
PERACETIC ACID	N	250	250	500	0	0	500	0	0	12,668	12,668	0	0
Total for HP HOOD LLC		**477**	**250**	**727**	**0**	**0**	**727**	**0**	**0**	**82,471**	**82,471**	**94,328**	**94,328**
FREDERICK	**KINGSPAN INSULATION LLC**							**172 PACTIV WAY**				**NAICS Code**	**32614**
METHANOL	N	39,496	0	39,496	0	0	39,496	0	0	0	0	0	0
Total for KINGSPAN INSULATION LLC		**39,496**	**0**	**39,496**	**0**	**0**	**39,496**	**0**	**0**	**0**	**0**	**0**	**0**

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FREDERICK	**QG PRINTING II CORP**							**160 CENTURY LN STONEWALL IND US TRIANGLE**				**NAICS Code**	**32311**
CERTAIN GLYCOL ETHERS	N	8,079	377	8,456	0	0	8,456	0	0	0	0	0	0
Total for QG PRINTING II CORP		**8,079**	**377**	**8,456**	**0**	**0**	**8,456**	**0**	**0**	**0**	**0**	**0**	**0**
FREDERICK	**QUARLES PETROLEUM INC. WINCHESTER BULK PLANT**							**779 SMITHFIELD AVE**				**NAICS Code**	**42471**
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**	**32619**
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**	**31161**
CHLORINE DIOXIDE	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VALLEY PROTEINS INC-WINCHESTER F		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (14 reports)		**48,052**	**627**	**48,679**	**0**	**0**	**48,679**	**0**	**0**	**82,471**	**82,471**	**94,328**	**96,810**
FREDERICKSBURG (CITY)	**ONDULINE NA**							**4900 ONDURA DR**				**NAICS Code**	**32212**
CERTAIN GLYCOL ETHERS	N	624	20,231	20,855	0	0	20,855	0	0	0	0	0	0
CHROMIUM COMPOUNDS (EXCEPT	N	0	0	0	0	0	0	0	0	0	0	0	1,086
Total for ONDULINE NA		**624**	**20,231**	**20,855**	**0**	**0**	**20,855**	**0**	**0**	**0**	**0**	**0**	**1,086**

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Total for Above County : (2 reports)		**624**	**20,231**	**20,855**	**0**	**0**	**20,855**	**0**	**0**	**0**	**0**	**0**	**1,086**
GALAX (CITY)	**CONSOLIDATED GLASS & MIRROR**							**110 JACK GUYNN DR**				**NAICS Code**	**32721**
1,2,4-TRIMETHYLBENZENE	N	0	10,604	10,604	0	0	10,604	0	0	0	0	0	43
N-BUTYL ALCOHOL	N	0	14,640	14,640	0	0	14,640	0	0	0	0	0	59
Total for CONSOLIDATED GLASS & MIRROR		**0**	**25,244**	**25,244**	**0**	**0**	**25,244**	**0**	**0**	**0**	**0**	**0**	**102**
Total for Above County : (2 reports)		**0**	**25,244**	**25,244**	**0**	**0**	**25,244**	**0**	**0**	**0**	**0**	**0**	**102**
GILES	**AMERICAN ELECTRIC POWER GLEN LYN PLANT**							**RTE 460**				**NAICS Code**	**22111**
HYDROCHLORIC ACID (1995 AND	N	0	49,600	49,600	0	0	49,600	0	0	33	33	0	0
Total for AMERICAN ELECTRIC POWER GLEN LY		**0**	**49,600**	**49,600**	**0**	**0**	**49,600**	**0**	**0**	**33**	**33**	**0**	**0**
GILES	**CELANESE ACETATE LLC - CELCO P LANT**							**3520 VIRGINIA AVE**				**NAICS Code**	**32522**
1,3-BUTADIENE	N	250	250	500	0	0	500	24,895	0	0	24,895	0	0
ACETAMIDE	N	0	0	0	0	250	250	0	0	132,624	132,624	0	0
ACETONITRILE	N	1,846	38	1,884	0	21	1,905	24,443	0	20,447	44,890	0	12
CHLORINE	Y	0	0	0	0	0	0	0	0	0	0	0	0
CYCLOHEXANE	N	209,496	8,460	217,956	0	0	217,956	107,568	0	0	107,568	0	12
DICHLOROMETHANE	N	22,340	0	22,340	0	0	22,340	0	0	0	0	0	0
ETHYLENE	N	3,403	588	3,991	0	0	3,991	585,605	0	0	585,605	0	0
NITRATE COMPOUNDS	N	0	0	0	0	62,338	62,338	0	0	0	0	0	0
Total for CELANESE ACETATE LLC - CELCO P LA		**237,335**	**9,336**	**246,671**	**0**	**62,609**	**309,280**	**742,511**	**0**	**153,071**	**895,582**	**0**	**25**
GILES	**LHOIST NA OF VIRGINIA INC KIMBALLTON AREA 1**							**2093 BIG STONY CREEK RD**				**NAICS Code**	**32741**
HYDROCHLORIC ACID (1995 AND	N	0	63,157	63,157	0	0	63,157	0	0	0	0	0	0
NICKEL COMPOUNDS	N	2	8	10	6,066	0	6,076	0	0	0	0	0	0

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VANADIUM COMPOUNDS	N	2	1	3	13,448	0	13,451	0	0	0	0	0	0
Total for LHOIST NA OF VIRGINIA INC KIMBALLTO		**4**	**63,166**	**63,170**	**19,514**	**0**	**82,684**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (12 reports)		**237,339**	**122,102**	**359,441**	**19,514**	**62,609**	**441,564**	**742,511**	**0**	**153,104**	**895,615**	**0**	**25**
GREENSVILLE	**BOAR'S HEAD PROVISIONS CO INC-JARRATT**							**2230 WYATTS MILL RD**				**NAICS Code**	**31161**
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	99,646	89,681
Total for BOAR'S HEAD PROVISIONS CO INC-JAR		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**99,646**	**89,681**
GREENSVILLE	**CREATIVE PLAYTHINGS LTD.**							**859 INDUSTRIAL DR**				**NAICS Code**	**32199**
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	735
Total for CREATIVE PLAYTHINGS LTD.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**735**
GREENSVILLE	**GEORGIA PACIFIC WOOD PRODUCTS LLC EMPORIA PLYWOOD**							**634 DAVIS ST**				**NAICS Code**	**32121**
METHANOL	N	2,481	18,413	20,894	0	0	20,894	0	0	9,800	9,800	0	0
Total for GEORGIA PACIFIC WOOD PRODUCTS		**2,481**	**18,413**	**20,894**	**0**	**0**	**20,894**	**0**	**0**	**9,800**	**9,800**	**0**	**0**
GREENSVILLE	**STEELFAB OF VIRGINIA INC**							**1510 REESE ST**				**NAICS Code**	**33231**
CHROMIUM	N	144	0	144	0	0	144	0	0	0	0	0	31,678
COPPER	N	215	48	264	0	4	268	0	0	0	0	0	47,280
MANGANESE	N	158	167	325	0	0	325	0	0	0	0	0	34,672
NICKEL	N	252	7	259	0	0	259	0	0	0	0	0	55,318
PROPYLENE	N	42	0	42	0	0	42	0	0	0	0	0	0
ZINC (FUME OR DUST)	N	215	3	218	0	0	218	0	0	0	0	0	28,368
Total for STEELFAB OF VIRGINIA INC		**1,026**	**225**	**1,251**	**0**	**4**	**1,255**	**0**	**0**	**0**	**0**	**0**	**197,316**
Total for Above County : (9 reports)		**3,507**	**18,638**	**22,145**	**0**	**4**	**22,149**	**0**	**0**	**9,800**	**9,800**	**99,646**	**287,732**

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HALIFAX	**ABB INC**							**2135 PHILPOTT RD**				**NAICS Code**	**33531**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	121,141
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	982,894
MANGANESE	N	3	0	3	0	0	3	0	0	0	0	0	90,260
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	85,598
Total for ABB INC		**3**	**0**	**3**	**0**	**0**	**3**	**0**	**0**	**0**	**0**	**0**	**1,279,893**
HALIFAX	**AQUATIC CO**							**1100 IND US TRIAL PARK RD HALIFAX IND US TRIAL**				**NAICS Code**	**32619**
STYRENE	N	4,422	77,378	81,800	0	0	81,800	0	0	686	686	0	3,816
Total for AQUATIC CO		**4,422**	**77,378**	**81,800**	**0**	**0**	**81,800**	**0**	**0**	**686**	**686**	**0**	**3,816**
HALIFAX	**BOHLER UDDEHOLM CORPORATION**							**2306 EASTOVER DR**				**NAICS Code**	**33122**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	13,409
COBALT	N	0	0	0	0	0	0	0	0	0	0	0	2,909
METHANOL	N	5	5	10	0	0	10	0	0	0	0	0	0
Total for BOHLER UDDEHOLM CORPORATION		**5**	**5**	**10**	**0**	**0**	**10**	**0**	**0**	**0**	**0**	**0**	**16,318**
HALIFAX	**CLOVER POWER STATION**							**4091 CLOVER RD**				**NAICS Code**	**22111**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC COMPOUNDS	N	0	19	19	29,700	74	29,793	0	0	0	0	0	7,460
BARIUM COMPOUNDS	N	0	0	0	280,000	1,110	281,110	0	0	0	0	0	70,400
CHROMIUM COMPOUNDS (EXCEPT	N	0	359	359	50,800	21	51,180	0	0	0	0	0	12,800
COBALT COMPOUNDS	N	0	9	9	17,900	16	17,925	0	0	0	0	0	4,490
COPPER COMPOUNDS	N	0	116	116	57,300	43	57,459	0	0	0	0	0	14,400
HYDROCHLORIC ACID (1995 AND	N	0	19,500	19,500	0	0	19,500	0	0	2,690,000	2,690,000	0	0
HYDROGEN CYANIDE	N	0	47,700	47,700	0	0	47,700	0	0	0	0	0	0

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HYDROGEN FLUORIDE	N	0	9,850	9,850	0	0	9,850	0	0	328,000	328,000	0	0
MANGANESE COMPOUNDS	N	0	745	745	78,500	2,480	81,725	0	0	0	0	0	19,700
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	366	366	50,500	30	50,896	0	0	0	0	0	12,700
SULFURIC ACID - (1994 AND AFTER	N	0	342,000	342,000	0	0	342,000	0	0	618,000	618,000	0	0
VANADIUM COMPOUNDS	N	0	237	237	108,000	0	108,237	0	0	0	0	0	27,200
ZINC COMPOUNDS	N	0	0	0	65,800	359	66,159	0	0	0	0	0	16,500
Total for CLOVER POWER STATION		**0**	**420,901**	**420,901**	**738,500**	**4,133**	**1,163,534**	**0**	**0**	**3,636,000**	**3,636,000**	**0**	**185,650**
HALIFAX	**HUBER ENGINEERED WOODS LLC**							**1000 CHANEY LN**				**NAICS Code**	**32121**
ACETALDEHYDE	N	341	4,622	4,963	0	0	4,963	0	0	59,955	59,955	0	0
ACROLEIN	N	306	11,615	11,921	0	0	11,921	0	0	29,833	29,833	0	0
DIISOCYANATES	N	0	50	50	0	0	50	0	0	1	1	0	0
FORMALDEHYDE	N	94	16,868	16,962	0	0	16,962	50	0	172,800	172,850	0	0
METHANOL	N	495	26,825	27,320	0	0	27,320	0	0	101,883	101,883	0	0
PHENOL	N	630	7,175	7,805	0	0	7,805	40	0	69,787	69,827	0	0
Total for HUBER ENGINEERED WOODS LLC		**1,866**	**67,155**	**69,021**	**0**	**0**	**69,021**	**90**	**0**	**434,259**	**434,349**	**0**	**0**
Total for Above County : (30 reports)		**6,296**	**565,439**	**571,735**	**738,500**	**4,133**	**1,314,368**	**90**	**0**	**4,070,945**	**4,071,035**	**0**	**1,485,677**
HAMPTON (CITY)	**CATALINA CYLINDERS INC**							**2400 ALUMINUM AVE**				**NAICS Code**	**33131**
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	3,118
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	48	48
NITRIC ACID	N	5	5	10	0	0	10	0	0	55,476	55,476	0	0

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Total for CATALINA CYLINDERS INC		**5**	**5**	**10**	**0**	**0**	**10**	**0**	**0**	**55,476**	**55,476**	**48**	**3,166**
HAMPTON (CITY)	**HOWMET CASTINGS & SERVICES INC**							**ONE HOWMET DR**				**NAICS Code**	**33152**
4,4'-ISOPROPYLIDENEDIPHENOL	N	28	28	56	0	0	56	0	0	1,369	1,369	70	138,228
CHROMIUM	N	0	11	11	0	0	11	0	0	0	0	11	14,932
COBALT	N	0	10	10	0	0	10	0	0	0	0	2	12,328
HYDROGEN FLUORIDE	N	0	1,990	1,990	0	0	1,990	0	0	36,028	36,028	29	63,544
NICKEL	N	0	37	37	0	0	37	0	0	0	0	13	67,232
NITRIC ACID	N	0	843	843	0	0	843	0	0	1,212	1,212	0	44,804
Total for HOWMET CASTINGS & SERVICES INC		**28**	**2,919**	**2,947**	**0**	**0**	**2,947**	**0**	**0**	**38,609**	**38,609**	**126**	**341,068**
HAMPTON (CITY)	**TIDEWATER WOOD PRODUCTS, LLC**							**5604 CITY LINE RD**				**NAICS Code**	**32111**
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**	**92811**
NAPHTHALENE	N	0	6	6	0	0	6	0	0	0	0	0	0
Total for U.S. DOD, USAF, JOINT BASE LANGLEY		**0**	**6**	**6**	**0**	**0**	**6**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (11 reports)		**33**	**2,930**	**2,963**	**0**	**0**	**2,963**	**0**	**0**	**94,085**	**94,085**	**174**	**344,234**
HANOVER	**BEAR ISLAND PAPER WB LLC**							**10026 OLD RIDGE RD**				**NAICS Code**	**32212**
HYDROCHLORIC ACID (1995 AND	N	0	28,860	28,860	0	0	28,860	0	0	0	0	0	0
METHANOL	N	1,800	23,880	25,680	0	0	25,680	0	0	0	0	0	0
Total for BEAR ISLAND PAPER WB LLC		**1,800**	**52,740**	**54,540**	**0**	**0**	**54,540**	**0**	**0**	**0**	**0**	**0**	**0**
HANOVER	**CHEMTREAT INC**							**10040 LICKINGHOLE RD**				**NAICS Code**	**32599**
SODIUM NITRITE	N	0	0	0	0	0	0	0	0	0	0	0	2,548

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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**	**2,548**
HANOVER	**COMMONWEALTH GALVANIZING**							**10988 LEADBETTER RD**				**NAICS Code**	**33281**
HYDROCHLORIC ACID (1995 AND	N	690	0	690	0	0	690	0	0	0	0	0	0
ZINC COMPOUNDS	N	448	0	448	0	0	448	0	0	0	0	0	42,125
Total for COMMONWEALTH GALVANIZING		**1,138**	**0**	**1,138**	**0**	**0**	**1,138**	**0**	**0**	**0**	**0**	**0**	**42,125**
HANOVER	**DOSWELL LP**							**10098 OLD RIDGE RD**				**NAICS Code**	**22111**
1,2,4-TRIMETHYLBENZENE	N	5	93,051	93,056	0	0	93,056	0	0	0	0	0	0
AMMONIA	N	5	361,329	361,334	0	0	361,334	0	0	0	0	0	0
NAPHTHALENE	N	5	51,178	51,183	0	0	51,183	0	0	0	0	0	0
N-HEXANE	N	5	93,051	93,056	0	0	93,056	0	0	0	0	0	0
Total for DOSWELL LP		**20**	**598,609**	**598,629**	**0**	**0**	**598,629**	**0**	**0**	**0**	**0**	**0**	**0**
HANOVER	**PUGH LUBRICANTS ASHLAND**							**10992 LEADBETTER RD**				**NAICS Code**	**42471**
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
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**	**33281**
ZINC COMPOUNDS	N	3,603	0	3,603	0	70	3,673	0	0	0	0	0	211,539
Total for SOUTH ATLANTIC GALVANIZING LLC		**3,603**	**0**	**3,603**	**0**	**70**	**3,673**	**0**	**0**	**0**	**0**	**0**	**211,539**
HANOVER	**TYSON FARMS INC. - PROCESSING FACILITY**							**13264 MOUNTAIN RD**				**NAICS Code**	**31161**
NITRATE COMPOUNDS	N	0	0	0	0	66,166	66,166	0	0	510,980	510,980	0	0

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PERACETIC ACID	N	0	0	0	0	0	0	0	0	95,916	95,916	0	0
Total for TYSON FARMS INC. - PROCESSING FACI		**0**	**0**	**0**	**0**	**66,166**	**66,166**	**0**	**0**	**606,896**	**606,896**	**0**	**0**
Total for Above County : (16 reports)		**6,560**	**651,349**	**657,909**	**0**	**66,236**	**724,145**	**0**	**0**	**606,896**	**606,896**	**0**	**256,212**
HARRISONBURG (CITY)	**GEORGE'S FOODS LLC FEED MILL**							**61 KRATZER RD**				**NAICS Code**	**31111**
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**	**32561**
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**	**31111**
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 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**	**42471**
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

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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**	**33639**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	92,153
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	10,858
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	73,497
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	68,127
Total for TENNECO WALKER MANUFACTURING C		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**244,635**
Total for Above County : (17 reports)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**244,635**
HENRICO	**CADMUS SPECIALTY PUBLICATIONS**							**2901 BYRDHILL RD**				**NAICS Code**	**32311**
CERTAIN GLYCOL ETHERS	N	3,500	152	3,652	0	0	3,652	0	0	0	0	213	196
ETHYLENE GLYCOL	N	3,467	158	3,625	0	0	3,625	0	0	0	0	167	154
Total for CADMUS SPECIALTY PUBLICATIONS		**6,967**	**310**	**7,276**	**0**	**0**	**7,276**	**0**	**0**	**0**	**0**	**379**	**349**
HENRICO	**ENNIS-FLINT RICHMOND**							**4400 VAWTER AVE**				**NAICS Code**	**32551**
METHANOL	N	0	19,195	19,195	0	0	19,195	0	0	0	0	0	0
Total for ENNIS-FLINT RICHMOND		**0**	**19,195**	**19,195**	**0**	**0**	**19,195**	**0**	**0**	**0**	**0**	**0**	**0**
HENRICO	**JOHNS MANVILLE CORP HAMILTON PLANT**							**7400 RANCO RD**				**NAICS Code**	**32222**
ANTIMONY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	1,425
Total for JOHNS MANVILLE CORP HAMILTON PLA		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,425**
HENRICO	**MECHANICSVILLE CONCRETE LLC-AIRPORT PLANT (OAKLEYS LA**							**4481 OAKLEYS LANE**				**NAICS Code**	**32732**
NITRATE COMPOUNDS	N	0	0	0	0	25	25	0	0	0	0	0	0
Total for MECHANICSVILLE CONCRETE LLC-AIRP		**0**	**0**	**0**	**0**	**25**	**25**	**0**	**0**	**0**	**0**	**0**	**0**

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HENRICO	**SOUTHERN GRAPHIC SYSTEMS RICHMOND**							**5301 LEWIS RD**				**NAICS Code**	**32312**
COPPER COMPOUNDS	N	0	181	181	0	0	181	0	0	0	0	2	39,081
Total for SOUTHERN GRAPHIC SYSTEMS RICHM		**0**	**181**	**181**	**0**	**0**	**181**	**0**	**0**	**0**	**0**	**2**	**39,081**
HENRICO	**STANDEX ENGRAVING LLC**							**5901 LEWIS RD**				**NAICS Code**	**32311**
COPPER	N	1	1	2	0	0	2	0	0	0	0	1	36
NITRIC ACID	N	0	988	988	0	0	988	0	0	0	0	0	3,380
Total for STANDEX ENGRAVING LLC		**1**	**989**	**990**	**0**	**0**	**990**	**0**	**0**	**0**	**0**	**1**	**3,416**
Total for Above County : (8 reports)		**6,968**	**20,675**	**27,642**	**0**	**25**	**27,668**	**0**	**0**	**0**	**0**	**382**	**44,271**
HENRY	**BASSETT PLANT 11**							**PATRIOT CENTRE AT BEAVER CREEK**				**NAICS Code**	**33712**
TOLUENE	N	0	11,309	11,309	0	0	11,309	0	0	0	0	0	11,309
XYLENE (MIXED ISOMERS)	N	0	14,933	14,933	0	0	14,933	0	0	0	0	0	14,933
Total for BASSETT PLANT 11		**0**	**26,242**	**26,242**	**0**	**0**	**26,242**	**0**	**0**	**0**	**0**	**0**	**26,242**
HENRY	**COMMONWEALTH LAMINATING & COATING INC**							**345 BEAVER CREEK DR**				**NAICS Code**	**32611**
DIISOCYANATES	N	5	5	10	0	0	10	0	0	0	0	0	5,063
ETHYLENE GLYCOL	N	250	1,795	2,045	0	0	2,045	0	1,100,000	41,700	1,141,700	10,881	13,263
N-HEXANE	N	5	560	565	0	0	565	0	0	55,424	55,424	0	298
N-METHYL-2-PYRROLIDONE	N	250	29	279	0	0	279	0	0	89,250	89,250	1,623	705,319
TOLUENE	N	250	6,446	6,696	0	0	6,696	0	0	576,940	576,940	0	73,664
Total for COMMONWEALTH LAMINATING & COATI		**760**	**8,835**	**9,595**	**0**	**0**	**9,595**	**0**	**1,100,000**	**763,314**	**1,863,314**	**12,504**	**797,607**
HENRY	**CPFILMS - PLANT II**							**4129 THE GREAT RD**				**NAICS Code**	**32613**
ACRYLIC ACID	N	22	440	462	0	0	462	0	0	37,900	37,900	0	2,020
ETHYLENE GLYCOL	N	294,000	3,850	297,850	0	0	297,850	0	0	415,000	415,000	80,400	198,100

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N-HEXANE	N	55	1,100	1,155	0	0	1,155	0	0	96,200	96,200	0	394
N-METHYL-2-PYRROLIDONE	N	228,000	467	228,467	0	0	228,467	0	0	375,000	375,000	51,100	434,000
TOLUENE	N	294	5,880	6,174	0	0	6,174	0	0	470,000	470,000	0	35,513
Total for CPFILMS - PLANT II		**522,371**	**11,737**	**534,108**	**0**	**0**	**534,108**	**0**	**0**	**1,394,100**	**1,394,100**	**131,500**	**670,027**
HENRY	**CPFILMS INC-AXTON FACILITY**							**47 BRENDA DR**				**NAICS Code**	**32613**
ETHYLENE GLYCOL	N	90,500	17,700	108,200	0	0	108,200	0	0	0	0	0	94,829
N-METHYL-2-PYRROLIDONE	N	25,000	1,370	26,370	0	0	26,370	0	0	0	0	0	151,329
Total for CPFILMS INC-AXTON FACILITY		**115,500**	**19,070**	**134,570**	**0**	**0**	**134,570**	**0**	**0**	**0**	**0**	**0**	**246,158**
HENRY	**CPFILMS INC-PLANT 1**							**4210 THE GREAT RD**				**NAICS Code**	**32613**
TOLUENE	N	47	937	984	0	0	984	0	0	85,700	85,700	0	28,132
Total for CPFILMS INC-PLANT 1		**47**	**937**	**984**	**0**	**0**	**984**	**0**	**0**	**85,700**	**85,700**	**0**	**28,132**
HENRY	**MEHLER ENGINEERED PRODUCTS**							**175 MEHLER LN**				**NAICS Code**	**31499**
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	660
TOLUENE	N	312	8	320	0	0	320	811,563	0	0	811,563	0	12,118
XYLENE (MIXED ISOMERS)	N	5	1	6	0	0	6	20,248	0	0	20,248	0	112
Total for MEHLER ENGINEERED PRODUCTS		**317**	**9**	**326**	**0**	**0**	**326**	**831,811**	**0**	**0**	**831,811**	**0**	**12,890**
HENRY	**RTI MARTINSVILLE INC**							**101 RTI WAY**				**NAICS Code**	**33211**
ALUMINUM (FUME OR DUST)	N	6	625	631	0	0	631	0	0	0	0	0	33,193
COPPER	N	5	0	5	0	0	5	0	0	0	0	0	3,539
NICKEL	N	1	0	1	0	0	1	0	0	0	0	0	1,082
Total for RTI MARTINSVILLE INC		**12**	**625**	**637**	**0**	**0**	**637**	**0**	**0**	**0**	**0**	**0**	**37,814**
Total for Above County : (21 reports)		**639,007**	**67,455**	**706,462**	**0**	**0**	**706,462**	**831,811**	**1,100,000**	**2,243,114**	**4,174,925**	**144,004**	**1,818,870**

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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)
HOPEWELL (CITY)	**ASSOCIATED ASPHALT HOPEWELL LLC**							**410 WATER ST**				**NAICS Code**	**42471**
ACETOPHENONE	N	0	60	60	0	0	60	0	0	0	0	0	0
PHENOL	N	0	610	610	0	0	610	0	0	0	0	0	0
Total for ASSOCIATED ASPHALT HOPEWELL LLC		**0**	**670**	**670**	**0**	**0**	**670**	**0**	**0**	**0**	**0**	**0**	**0**
HOPEWELL (CITY)	**EVONIK CORP**							**914 E RANDOLPH RD**				**NAICS Code**	**32561**
ACRYLIC ACID	N	0	727	727	0	0	727	0	0	0	0	199	17,682
ALLYL ALCOHOL	N	0	121	121	0	0	121	0	0	2,428	2,428	0	0
CHLOROACETIC ACID	N	0	243	243	0	0	243	0	0	4,853	4,853	0	0
ETHYLENE GLYCOL	N	0	1,213	1,213	0	0	1,213	0	0	0	0	144,807	133,222
ETHYLENE OXIDE	N	0	17	17	0	0	17	0	0	17,341	17,341	0	0
PROPYLENE OXIDE	N	0	9	9	0	0	9	0	0	8,671	8,671	0	0
XYLENE (MIXED ISOMERS)	N	0	0	0	0	0	0	0	0	0	0	0	1,211
Total for EVONIK CORP		**0**	**2,330**	**2,330**	**0**	**0**	**2,330**	**0**	**0**	**33,292**	**33,292**	**145,006**	**152,116**
HOPEWELL (CITY)	**HERCULES INCORPORATED**							**1111 HERCULES RD**				**NAICS Code**	**32519**
CERTAIN GLYCOL ETHERS	N	11	0	11	0	0	11	0	0	0	0	243,282	223,819
CHLOROACETIC ACID	N	846	2	848	0	0	848	0	0	0	0	0	0
CHLOROETHANE	N	78,846	1,885	80,731	0	0	80,731	0	79,785	0	79,785	12	2
ETHYLENE	N	5,424	61,605	67,029	0	0	67,029	0	0	0	0	0	0
ETHYLENE GLYCOL	N	86	0	86	0	0	86	0	0	0	0	1,967,015	1,756,544
ETHYLENE OXIDE	N	992	76	1,068	0	0	1,068	0	0	70	70	1,679	1,528
METHANOL	N	297,232	3,170	300,402	0	0	300,402	0	130,955,337	0	130,955,337	459,869	459,249
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	4,823,144	4,258,836
NITRIC ACID	N	2,128	5	2,133	0	0	2,133	0	0	0	0	0	0

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PROPYLENE OXIDE	N	2,248	132	2,380	0	0	2,380	0	0	78	78	405	369
TERT-BUTYL ALCOHOL	N	207,572	5,102	212,674	0	0	212,674	0	151,069,754	0	151,069,754	99,518	35,170
Total for HERCULES INCORPORATED		**595,385**	**71,977**	**667,362**	**0**	**0**	**667,362**	**0**	**282,104,876**	**148**	**282,105,024**	**7,594,924**	**6,735,517**
HOPEWELL (CITY)	**HONEYWELL INTERNATIONAL INC HOPEWELL PLANT**							**905 E RANDOLPH RD**				**NAICS Code**	**32519**
ACETALDEHYDE	N	12,417	644	13,061	0	0	13,061	0	0	369,503	369,503	2,189	1,738
AMMONIA	N	7,128	2,056,513	2,063,641	0	40,910	2,104,551	0	0	0	0	93,939	56,441
BENZENE	N	1,326	7,357	8,683	0	193	8,876	0	73,365	158,085	231,450	207	157
COPPER COMPOUNDS	N	0	0	0	0	2,063	2,063	0	0	0	0	108	49,935
CYCLOHEXANOL	N	1,197	2,580	3,777	0	24,462	28,239	0	0	18,376	18,376	31,028	28,235
METHANOL	N	1,217	24	1,241	0	0	1,241	989,838	0	0	989,838	23,412	22,083
NITRATE COMPOUNDS	N	0	3,224	3,224	0	74,589	77,813	0	0	0	0	342,523	308,271
PHENOL	N	7,466	22,886	30,352	0	156	30,508	0	0	41,378	41,378	48,909	1,176,221
SULFURIC ACID - (1994 AND AFTER	N	3,812	27,617	31,429	0	0	31,429	0	1,516,032	0	1,516,032	0	0
TOLUENE	N	7,841	9,364	17,205	0	869	18,074	0	64,313	205,012	269,325	167	2,033
ZINC COMPOUNDS	N	0	0	0	0	14,714	14,714	0	0	0	0	714	4,182
Total for HONEYWELL INTERNATIONAL INC HOP		**42,404**	**2,130,209**	**2,172,613**	**0**	**157,956**	**2,330,569**	**989,838**	**1,653,710**	**792,354**	**3,435,902**	**543,196**	**1,649,297**
HOPEWELL (CITY)	**WESTROCK CP, LLC**							**910 INDUSTRIAL ST**				**NAICS Code**	**32213**
ACETALDEHYDE	N	0	10,591	10,591	0	0	10,591	0	0	0	0	88,659	79,793
AMMONIA	N	0	56,946	56,946	0	0	56,946	0	0	0	0	5,892	3,535
BARIUM COMPOUNDS	N	0	485	485	0	0	485	0	0	0	0	0	34,618
CATECHOL	N	0	0	0	0	0	0	0	0	0	0	1,060	975
FORMALDEHYDE	N	0	5,485	5,485	0	0	5,485	0	0	2,049	2,049	8,350	7,665
HYDROCHLORIC ACID (1995 AND	N	0	74,193	74,193	0	0	74,193	0	0	0	0	0	0

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HYDROGEN SULFIDE	N	0	17,278	17,278	0	0	17,278	0	0	70,194	70,194	194,167	178,634
MANGANESE COMPOUNDS	N	0	97	97	0	0	97	0	0	0	0	32,803	183,577
METHANOL	N	0	230,978	230,978	0	0	230,978	0	0	28,750	28,750	5,179,862	4,920,869
PHENOL	N	0	8,708	8,708	0	0	8,708	0	0	2,223	2,223	5,642	5,190
Total for WESTROCK CP, LLC		**0**	**404,760**	**404,760**	**0**	**0**	**404,760**	**0**	**0**	**103,215**	**103,215**	**5,516,435**	**5,414,856**
Total for Above County : (41 reports)		**637,789**	**2,609,945**	**3,247,734**	**0**	**157,956**	**3,405,690**	**989,838**	**283,758,586**	**929,009**	**285,677,433**	**13,799,561**	**13,951,786**
ISLE OF WIGHT	**INTERNATIONAL PAPER FRANKLIN MILL**							**34040 UNION CAMP DR**				**NAICS Code**	**32211**
ACETALDEHYDE	N	6,930	19,471	26,401	0	381	26,782	0	0	40,931	40,931	0	5
AMMONIA	N	0	108,400	108,400	0	2,215	110,615	0	0	348,458	348,458	0	322
BARIUM COMPOUNDS	N	0	23	23	0	456	479	0	0	0	0	0	4,411
CATECHOL	N	0	0	0	0	39	39	0	0	756	756	0	1
CHLORINE	N	5	8,097	8,102	0	0	8,102	0	0	242,837	242,837	0	0
CHLORINE DIOXIDE	N	5	1,885	1,890	0	0	1,890	0	0	11,365,715	11,365,715	0	0
CRESOL (MIXED ISOMERS)	N	22,377	25,540	47,917	0	5	47,922	0	0	17,809	17,809	0	3
FORMALDEHYDE	N	788	10,001	10,789	0	1,121	11,910	0	0	31,515	31,515	0	13
FORMIC ACID	N	0	0	0	0	97	97	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	89,512	89,512	0	0	89,512	0	0	0	0	0	0
HYDROGEN SULFIDE	N	91,036	63,318	154,354	0	172	154,526	0	0	663,273	663,273	0	331
MANGANESE COMPOUNDS	N	0	78	78	0	6,141	6,219	0	0	0	0	0	82,551
METHANOL	N	293,595	503,289	796,884	0	0	796,884	0	0	6,556,508	6,556,508	0	4,614
NITRATE COMPOUNDS	N	0	0	0	0	46,593	46,593	0	0	0	0	0	81
PHENOL	N	2,211	10,177	12,388	0	6	12,394	0	0	4,098	4,098	0	3
Total for INTERNATIONAL PAPER FRANKLIN MILL		**416,947**	**839,791**	**1,256,738**	**0**	**57,226**	**1,313,964**	**0**	**0**	**19,271,900**	**19,271,900**	**0**	**92,335**

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ISLE OF WIGHT	**SMITHFIELD-SMITHFIELD FACILITY (NORTH)**							**601 N CHURCH ST**				**NAICS Code**	**31161**
AMMONIA	N	20,652	1,366	22,018	0	5	22,023	0	0	75,462	75,462	2,736	1,354
HYDROGEN SULFIDE	N	39,492	153	39,645	0	0	39,645	0	0	31,601	31,601	1,580	1,580
NITRATE COMPOUNDS	N	0	0	0	0	13,658	13,658	0	0	1,005,862	1,005,862	998,442	898,598
SODIUM NITRITE	N	0	0	0	0	0	0	0	0	0	0	711	751
Total for SMITHFIELD-SMITHFIELD FACILITY (NO		**60,144**	**1,519**	**61,663**	**0**	**13,663**	**75,326**	**0**	**0**	**1,112,925**	**1,112,925**	**1,003,469**	**902,283**
Total for Above County : (19 reports)		**477,091**	**841,310**	**1,318,401**	**0**	**70,889**	**1,389,290**	**0**	**0**	**20,384,825**	**20,384,825**	**1,003,469**	**994,618**
JAMES CITY	**ANHEUSER-BUSCH LLC**							**7801 POCAHONTAS TRAIL**				**NAICS Code**	**31212**
AMMONIA	N	5,076	2,407	7,483	0	0	7,483	0	0	0	0	2,164	1,329
Total for ANHEUSER-BUSCH LLC		**5,076**	**2,407**	**7,483**	**0**	**0**	**7,483**	**0**	**0**	**0**	**0**	**2,164**	**1,329**
JAMES CITY	**BALL METAL BEVERAGE CONTAINER CORP**							**8935 POCAHONTAS TRAIL JAMES RIVER COMMERC**				**NAICS Code**	**33243**
CERTAIN GLYCOL ETHERS	N	51,000	250,000	301,000	0	0	301,000	0	0	0	0	0	337
N-BUTYL ALCOHOL	N	22,000	100,000	122,000	0	0	122,000	0	0	0	0	0	139
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		**73,000**	**350,000**	**423,000**	**0**	**0**	**423,000**	**0**	**0**	**0**	**0**	**0**	**476**
JAMES CITY	**GREYSTONE OF VIRGINIA INC**							**7992 RICHMOND RD**				**NAICS Code**	**33281**
CHROMIUM COMPOUNDS (EXCEPT	N	0	1	1	0	0	1	0	0	0	0	27	6,486
Total for GREYSTONE OF VIRGINIA INC		**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**27**	**6,486**
Total for Above County : (5 reports)		**78,076**	**352,408**	**430,484**	**0**	**0**	**430,484**	**0**	**0**	**0**	**0**	**2,191**	**8,291**
KING GEORGE	**BIRCHWOOD POWER FACILITY**							**10900 BIRCHWOOD DR**				**NAICS Code**	**22111**
AMMONIA	N	109	231	340	0	0	340	0	0	321,165	321,165	0	2,116

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BARIUM COMPOUNDS	N	0	12	12	0	0	12	0	0	0	0	0	9
CHROMIUM COMPOUNDS (EXCEPT	N	0	33	33	0	0	33	0	0	0	0	0	4,198
COPPER COMPOUNDS	N	0	25	25	0	0	25	0	0	0	0	0	3,017
HYDROCHLORIC ACID (1995 AND	N	0	5,774	5,774	0	0	5,774	0	0	532,107	532,107	0	0
HYDROGEN FLUORIDE	N	0	391	391	0	0	391	0	0	32,765	32,765	0	0
MANGANESE COMPOUNDS	N	0	20	20	0	0	20	0	0	0	0	0	1,222
NICKEL COMPOUNDS	N	0	30	30	0	0	30	0	0	0	0	0	1,890
SULFURIC ACID - (1994 AND AFTER	N	0	894	894	0	0	894	0	0	195,780	195,780	0	0
VANADIUM COMPOUNDS	N	0	27	27	0	0	27	0	0	0	0	0	11,399
ZINC COMPOUNDS	N	0	70	70	0	0	70	0	0	0	0	0	1,744
Total for BIRCHWOOD POWER FACILITY		**109**	**7,507**	**7,617**	**0**	**0**	**7,617**	**0**	**0**	**1,081,817**	**1,081,817**	**0**	**25,595**
Total for Above County : (11 reports)		**109**	**7,507**	**7,617**	**0**	**0**	**7,617**	**0**	**0**	**1,081,817**	**1,081,817**	**0**	**25,595**
KING WILLIAM	**WESTROCK CP, LLC**							**1901 MAIN ST**				**NAICS Code**	**32211**
ACETALDEHYDE	N	522	31,597	32,119	0	1,516	33,635	0	0	53,252	53,252	0	4
AMMONIA	N	0	111,826	111,826	0	12,074	123,900	0	0	248,518	248,518	0	0
BARIUM COMPOUNDS	N	0	1,292	1,292	0	0	1,292	0	0	0	0	0	42,155
CATECHOL	N	0	0	0	0	7	7	0	0	688	688	0	1
CHLORINE	N	5	255	260	0	0	260	0	0	89,544	89,544	0	0
CHLORINE DIOXIDE	N	5	425	430	0	0	430	0	0	36,967	36,967	0	0
CRESOL (MIXED ISOMERS)	N	7	3,082	3,089	0	2	3,090	0	0	41,960	41,960	0	1
FORMALDEHYDE	N	55	10,659	10,714	0	551	11,265	0	0	15,470	15,470	0	7
FORMIC ACID	N	0	0	0	0	762	762	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	65,906	65,906	0	0	65,906	0	0	91,656	91,656	0	0

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HYDROGEN SULFIDE	N	5,715	39,802	45,517	0	0	45,517	0	0	313,869	313,869	0	130
MANGANESE COMPOUNDS	N	0	239	239	0	43,936	44,175	0	0	0	0	0	196,473
METHANOL	N	128,053	421,041	549,094	0	6,792	555,886	0	0	6,188,676	6,188,676	0	893
NITRATE COMPOUNDS	N	0	0	0	0	67,540	67,540	0	0	0	0	0	120
PHENOL	N	147	19,590	19,737	0	589	20,326	0	0	13,370	13,370	0	6
ZINC COMPOUNDS	N	0	432	432	0	94	526	0	0	0	0	0	101,000
Total for WESTROCK CP, LLC		**134,509**	**706,145**	**840,653**	**0**	**133,862**	**974,516**	**0**	**0**	**7,093,969**	**7,093,969**	**0**	**340,790**
Total for Above County : (16 reports)		**134,509**	**706,145**	**840,653**	**0**	**133,862**	**974,516**	**0**	**0**	**7,093,969**	**7,093,969**	**0**	**340,790**
LANCASTER	**QUARLES TCH BULK PLANT**							**73 SEAFOOD LANE**				**NAICS Code**	**42471**
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 TCH BULK PLANT		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (6 reports)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
LOUDOUN	**ASIG FUELING OPERATIONS WASH DULLES INTERNATIONAL AIRP**							**TANK FARM RD BUILDING 2**				**NAICS Code**	**48811**
1,2,4-TRIMETHYLBENZENE	N	119	0	119	0	0	119	0	0	0	0	0	0
ARSENIC	N	1	0	1	0	0	1	0	0	0	0	0	0
BENZENE	N	77	0	77	0	0	77	0	0	0	0	0	0
BERYLLIUM	N	0	0	0	0	0	0	0	0	0	0	0	0

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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	76	0	76	0	0	76	0	0	0	0	0	0
METHYL TERT-BUTYL ETHER	N	714	0	714	0	0	714	0	0	0	0	0	0
NAPHTHALENE	N	155	0	155	0	0	155	0	7,725	0	7,725	0	2,226
N-HEXANE	N	48	0	48	0	0	48	0	0	0	0	0	0
TOLUENE	N	343	0	343	0	0	343	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	341	0	341	0	0	341	0	0	0	0	0	0
Total for ASIG FUELING OPERATIONS WASH DUL		**1,875**	**0**	**1,875**	**0**	**0**	**1,875**	**0**	**7,725**	**0**	**7,725**	**0**	**2,226**
LOUDOUN	**CHANTILLY READY MIX CONCRETE**							**25232 WILLARD ROAD**				**NAICS Code**	**32732**
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	**TIITAN VIRGINIA READY-MIX LLC-STERLING PLANT**							**22963 CONCRETE PLAZA**				**NAICS Code**	**32732**
NITRATE COMPOUNDS	N	0	0	0	0	89	89	0	0	0	0	0	0
Total for TIITAN VIRGINIA READY-MIX LLC-STERLI		**0**	**0**	**0**	**0**	**89**	**89**	**0**	**0**	**0**	**0**	**0**	**0**
LOUDOUN	**TITAN VIRGINIA READY-MIX LLC-LEESBURG PLANT**							**42105 COCHRAN MILL RD**				**NAICS Code**	**32732**
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	**VIASYSTEMS TECHNOLOGIES CORP LLC**							**1200 SEVERN WAY**				**NAICS Code**	**33441**
AMMONIA	N	350	1,917	2,267	0	0	2,267	0	0	0	0	2,125	10,948
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	528	133,233
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	39,657	35,697

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NITRIC ACID	N	5	5	10	0	0	10	0	0	40,302	40,302	0	0
SULFURIC ACID - (1994 AND AFTER	N	5	5	10	0	0	10	0	0	600	600	0	0
Total for VIASYSTEMS TECHNOLOGIES CORP LL		**360**	**1,927**	**2,287**	**0**	**0**	**2,287**	**0**	**0**	**40,902**	**40,902**	**42,310**	**179,878**
Total for Above County : (21 reports)		**2,235**	**1,927**	**4,162**	**0**	**89**	**4,251**	**0**	**7,725**	**40,902**	**48,627**	**42,310**	**182,104**
LOUISA	**DOMINION RESOURCES INC GORDONSVILLE POWER STATION**							**819 HILL RD**				**NAICS Code**	**22111**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	N	0	84,700	84,700	0	0	84,700	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 DOMINION RESOURCES INC GORDONS		**0**	**84,700**	**84,700**	**0**	**0**	**84,700**	**0**	**0**	**0**	**0**	**0**	**0**
LOUISA	**OLD DOMINION ELECTRIC CO-OP LOUISA GENERATION FACILITY**							**3352 KLOCKNER RD**				**NAICS Code**	**22111**
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 LOUIS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (7 reports)		**0**	**84,700**	**84,700**	**0**	**0**	**84,700**	**0**	**0**	**0**	**0**	**0**	**0**
LUNENBURG	**VIRGINIA MARBLE MANUFACTURERS INC**							**1201 5TH AVE**				**NAICS Code**	**32619**
STYRENE	N	0	43,611	43,611	0	0	43,611	0	0	0	0	0	0
STYRENE	N	0	64,471	64,471	0	0	64,471	0	0	0	0	0	0
Total for VIRGINIA MARBLE MANUFACTURERS IN		**0**	**108,082**	**108,082**	**0**	**0**	**108,082**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 reports)		**0**	**108,082**	**108,082**	**0**	**0**	**108,082**	**0**	**0**	**0**	**0**	**0**	**0**

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LYNCHBURG (CITY)	**BANKER STEEL COMPANY, LLC**							**1619 WYTHE RD**				**NAICS Code**	**33231**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	15,009
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	34,285
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	29,308
Total for BANKER STEEL COMPANY, LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**78,602**
LYNCHBURG (CITY)	**C R HUDGINS PLATING INC**							**3600 CANDLERS MOUNTAIN RD**				**NAICS Code**	**33281**
ZINC COMPOUNDS	N	337	129	466	0	11	477	0	0	0	0	108	16,413
Total for C R HUDGINS PLATING INC		**337**	**129**	**466**	**0**	**11**	**477**	**0**	**0**	**0**	**0**	**108**	**16,413**
LYNCHBURG (CITY)	**DAVIS-FROST, INC.**							**3416 CANDLERS MOUNTAIN RD**				**NAICS Code**	**32551**
CERTAIN GLYCOL ETHERS	N	527	0	527	0	0	527	0	0	0	0	0	0
DIBUTYL PHTHALATE	N	566	0	566	0	0	566	0	0	0	0	0	0
TOLUENE	N	524	0	524	0	0	524	0	0	0	0	0	19,646
XYLENE (MIXED ISOMERS)	N	1,684	0	1,684	0	0	1,684	0	0	0	0	0	39,291
ZINC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for DAVIS-FROST, INC.		**3,301**	**0**	**3,301**	**0**	**0**	**3,301**	**0**	**0**	**0**	**0**	**0**	**58,937**
LYNCHBURG (CITY)	**GRIFFIN PIPE PRODUCTS CO**							**10 ADAMS ST**				**NAICS Code**	**33151**
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	2
MANGANESE COMPOUNDS	N	11	1,009	1,020	0	69	1,089	0	0	0	0	0	292,225
ZINC COMPOUNDS	N	127	16,651	16,778	0	154	16,932	0	0	0	0	750	969,265
Total for GRIFFIN PIPE PRODUCTS CO		**138**	**17,660**	**17,798**	**0**	**223**	**18,021**	**0**	**0**	**0**	**0**	**750**	**1,261,492**
LYNCHBURG (CITY)	**NORCRAFT COMPANIES**							**1 MILLRACE DR**				**NAICS Code**	**33711**
TOLUENE	N	0	25,315	25,315	0	0	25,315	0	0	0	0	0	166

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XYLENE (MIXED ISOMERS)	N	0	49,263	49,263	0	0	49,263	0	0	0	0	0	2,213
Total for NORCRAFT COMPANIES		**0**	**74,578**	**74,578**	**0**	**0**	**74,578**	**0**	**0**	**0**	**0**	**0**	**2,379**
LYNCHBURG (CITY)	**R R DONNELLEY PRINTING CO**							**4201 MURRAY PL**				**NAICS Code**	**32311**
BARIUM COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	5	3
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	21	812
TOLUENE	N	0	26,421	26,421	0	0	26,421	0	0	0	0	201	153,805
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	30	20
Total for R R DONNELLEY PRINTING CO		**0**	**26,421**	**26,421**	**0**	**0**	**26,421**	**0**	**0**	**0**	**0**	**256**	**154,640**
LYNCHBURG (CITY)	**SLOCUM ADHESIVES CORP**							**1409 BUCHANAN ST**				**NAICS Code**	**32552**
CYCLOHEXANE	N	595	0	595	0	0	595	0	0	0	0	0	0
DICHLOROMETHANE	N	37,495	0	37,495	0	0	37,495	0	0	0	0	0	0
N-HEXANE	N	11,903	0	11,903	0	0	11,903	0	0	0	0	0	2,856
TOLUENE	N	12,979	0	12,979	0	0	12,979	0	0	0	0	0	0
TRICHLOROETHYLENE	N	3,202	0	3,202	0	0	3,202	0	0	0	0	0	0
Total for SLOCUM ADHESIVES CORP		**66,174**	**0**	**66,174**	**0**	**0**	**66,174**	**0**	**0**	**0**	**0**	**0**	**2,856**
LYNCHBURG (CITY)	**SMITH MOUNTAIN INDUSTRIES**							**1000 DILLARD DR**				**NAICS Code**	**33999**
DIISOCYANATES	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for SMITH MOUNTAIN INDUSTRIES		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
LYNCHBURG (CITY)	**WESTOVER DAIRY**							**2801 FORT AVE**				**NAICS Code**	**31151**
NITRIC ACID	N	0	0	0	0	0	0	0	0	10,696	10,696	13	13
Total for WESTOVER DAIRY		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**10,696**	**10,696**	**13**	**13**
Total for Above County : (25 reports)		**69,950**	**118,788**	**188,738**	**0**	**234**	**188,971**	**0**	**0**	**10,696**	**10,696**	**1,127**	**1,575,331**

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MADISON	**MADISON WOOD PRESERVERS INC.**							**216 OAK PARK RD**				**NAICS Code**	**32111**
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**
MANASSAS (CITY)	**QG PRINTING II CORP**							**7619 DOANE DR**				**NAICS Code**	**32311**
CERTAIN GLYCOL ETHERS	N	3,490	165	3,655	0	0	3,655	0	0	7,970	7,970	0	0
Total for QG PRINTING II CORP		**3,490**	**165**	**3,655**	**0**	**0**	**3,655**	**0**	**0**	**7,970**	**7,970**	**0**	**0**
Total for Above County : (1 record)		**3,490**	**165**	**3,655**	**0**	**0**	**3,655**	**0**	**0**	**7,970**	**7,970**	**0**	**0**
MECKLENBURG	**AMERICAN BUILDINGS COMPANY-LA CROSSE**							**501 GOLDEN EAGLE DR**				**NAICS Code**	**33231**
MANGANESE	N	7	0	7	0	0	7	0	0	0	0	0	29,258
NICKEL	N	1	0	1	0	0	1	0	0	0	0	0	2,615
Total for AMERICAN BUILDINGS COMPANY-LA CR		**8**	**0**	**8**	**0**	**0**	**8**	**0**	**0**	**0**	**0**	**0**	**31,873**
MECKLENBURG	**MECKLENBURG POWER STATION**							**204 COGEN DR**				**NAICS Code**	**22111**
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
SULFURIC ACID - (1994 AND AFTER	N	0	366	366	0	0	366	0	0	69,300	69,300	0	0
Total for MECKLENBURG POWER STATION		**0**	**366**	**366**	**0**	**0**	**366**	**0**	**0**	**69,300**	**69,300**	**0**	**0**
Total for Above County : (5 reports)		**8**	**366**	**374**	**0**	**0**	**374**	**0**	**0**	**69,300**	**69,300**	**0**	**31,873**
MONTGOMERY	**ALLIANT TECHSYSTEMS OPERATIONS LLC (NEW RIVER ENERGETI**							**RT 114 RADFORD ARMY AMMUNITION PLANT**				**NAICS Code**	**32592**

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DIPHENYLAMINE	N	0	63	63	0	0	63	0	1,286	0	1,286	14	1,309
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	137,605	131,150
NITROGLYCERIN	N	0	1,999	1,999	0	0	1,999	0	75,552	0	75,552	80,465	136,522
Total for ALLIANT TECHSYSTEMS OPERATIONS L		**0**	**2,062**	**2,062**	**0**	**0**	**2,062**	**0**	**76,838**	**0**	**76,838**	**218,084**	**268,981**
MONTGOMERY	**BAE SYSTEMS, ORDNANCE SYSTEMS INC**							**RADFORD ARMY AMMUNITION PLANT 4050 PEPE**				**NAICS Code**	**32592**
2,4-DINITROTOLUENE	N	1,253	0	1,253	0	0	1,253	0	0	5,129	5,129	0	2,365
AMMONIA	N	23,513	370	23,883	0	459	24,342	0	0	0	0	0	0
CHLORINE	N	0	0	0	0	0	0	0	0	3,933	3,933	0	0
COPPER COMPOUNDS	N	1,277	121	1,398	0	146	1,544	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	283,106	283,106	0	0	283,106	0	0	0	0	0	0
NITRATE COMPOUNDS	N	0	0	0	0	9,679,977	9,679,977	0	0	7,375	7,375	0	0
NITRIC ACID	N	830	747	1,577	0	0	1,577	0	24,504,990	9,679,977	34,184,967	0	0
NITROGLYCERIN	N	0	57,622	57,622	0	578	58,200	0	0	242,762	242,762	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	74,574	74,574	0	0	74,574	0	0	0	0	0	0
Total for BAE SYSTEMS, ORDNANCE SYSTEMS I		**26,873**	**416,540**	**443,413**	**0**	**9,681,160**	**10,124,573**	**0**	**24,504,990**	**9,939,176**	**34,444,166**	**0**	**2,366**
MONTGOMERY	**FEDERAL-MOGUL CORP**							**300 INDUSTRIAL PARK RD SE**				**NAICS Code**	**33635**
ALUMINUM (FUME OR DUST)	N	97	9,708	9,805	0	0	9,805	0	0	0	0	0	405,442
AMMONIA	Y	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	N	1	95	96	0	0	96	0	0	0	0	10	43,394
Total for FEDERAL-MOGUL CORP		**98**	**9,803**	**9,901**	**0**	**0**	**9,901**	**0**	**0**	**0**	**0**	**10**	**448,836**
MONTGOMERY	**HUBBELL LIGHTING INC**							**2000 ELECTRIC WAY**				**NAICS Code**	**33512**
COPPER	N	0	0	0	0	0	0	0	0	0	0	2	2,185
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	28,279	28,279

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NITRIC ACID	N	0	85	85	0	0	85	0	0	28,820	28,820	0	0
Total for HUBBELL LIGHTING INC		**0**	**85**	**85**	**0**	**0**	**85**	**0**	**0**	**28,820**	**28,820**	**28,281**	**30,464**
MONTGOMERY	**PROCHEM, INC**							**5100 ENTERPRISE DR**				**NAICS Code**	**32599**
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
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**	**33281**
METHYL ISOBUTYL KETONE	N	44	4,465	4,509	0	0	4,509	0	4,920	1,308,770	1,313,690	0	0
METHYL ISOBUTYL KETONE	N	19	908	928	0	0	928	0	664	128,863	129,527	0	0
TOLUENE	N	61	4,699	4,759	0	0	4,759	0	2,871	666,558	669,429	0	0
TOLUENE	N	212	12,342	12,554	0	0	12,554	0	21,275	3,617,775	3,639,050	0	0
Total for WOLVERINE ADVANCED MATERIALS		**335**	**22,415**	**22,750**	**0**	**0**	**22,750**	**0**	**29,730**	**5,721,967**	**5,751,697**	**0**	**0**
Total for Above County : (27 reports)		**27,306**	**450,905**	**478,211**	**0**	**9,681,160**	**10,159,371**	**0**	**24,611,558**	**15,689,963**	**40,301,521**	**246,376**	**750,647**
NEWPORT NEWS (CITY)	**CANON VIRGINIA INC**							**12000 CANON BLVD**				**NAICS Code**	**33441**
CHLOROBENZENE	N	886	708	1,594	0	0	1,594	0	6,475	0	6,475	0	13,832
METHANOL	N	2,941	840	3,781	0	0	3,781	0	23,151	0	23,151	0	16,032
O-XYLENE	N	1,546	1,236	2,782	0	0	2,782	0	5,668	0	5,668	0	17,078
Total for CANON VIRGINIA INC		**5,373**	**2,784**	**8,157**	**0**	**0**	**8,157**	**0**	**35,294**	**0**	**35,294**	**0**	**46,942**
NEWPORT NEWS (CITY)	**CONTINENTAL AUTOMOTIVE SYSTEMS INC**							**615 BLAND BLVD**				**NAICS Code**	**33631**

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CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	86,834
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	4,869
Total for CONTINENTAL AUTOMOTIVE SYSTEMS I		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**91,703**
NEWPORT NEWS (CITY)	**HUNTINGTON INGALLS INCORPORATED**							**4101 WASHINGTON AVE**				**NAICS Code**	**33661**
1,2,4-TRIMETHYLBENZENE	N	4,572	5	4,576	0	0	4,576	0	0	0	0	0	15,349
BARIUM COMPOUNDS	N	156	0	156	0	4,035	4,191	0	0	0	0	0	11,748
CHROMIUM	N	119	1	120	0	381	501	0	0	0	0	119	2,311
COPPER COMPOUNDS	N	249	1	250	0	469	718	0	0	0	0	514	9,166
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	48,951
ETHYLENE GLYCOL	N	0	0	0	0	0	0	0	0	0	0	0	20,242
MANGANESE	N	209	4	213	0	105	318	0	0	0	0	67	1,074
N-BUTYL ALCOHOL	N	43,480	244	43,723	0	0	43,723	0	0	0	0	5	13,140
NICKEL	N	120	1	121	0	191	312	0	0	0	0	121	663
XYLENE (MIXED ISOMERS)	N	26,913	235	27,149	0	0	27,149	0	0	0	0	1	23,220
Total for HUNTINGTON INGALLS INCORPORATED		**75,817**	**491**	**76,308**	**0**	**5,181**	**81,489**	**0**	**0**	**0**	**0**	**825**	**145,864**
NEWPORT NEWS (CITY)	**JOINT BASE LANGLEY EUSTIS-EUSTIS (JBLE-EUSTIS)**							**705 WASHINTON BLVD**				**NAICS Code**	**92811**
ETHYLENE GLYCOL	N	5	5	10	0	0	10	0	0	0	0	0	4,395
Total for JOINT BASE LANGLEY EUSTIS-EUSTIS (		**5**	**5**	**10**	**0**	**0**	**10**	**0**	**0**	**0**	**0**	**0**	**4,395**
NEWPORT NEWS (CITY)	**KINYO VIRGINIA INC**							**290 ENTERPRISE DR**				**NAICS Code**	**32629**
TOLUENE	N	42,760	27,800	70,560	0	0	70,560	0	0	0	0	0	15,159
Total for KINYO VIRGINIA INC		**42,760**	**27,800**	**70,560**	**0**	**0**	**70,560**	**0**	**0**	**0**	**0**	**0**	**15,159**
NEWPORT NEWS (CITY)	**MARVA MAID DAIRY**							**5500 CHESTNUT AVE**				**NAICS Code**	**31151**
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	27,931	25,138

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NITRIC ACID	N	0	0	0	0	0	0	0	0	27,525	27,525	851	851
Total for MARVA MAID DAIRY		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**27,525**	**27,525**	**28,782**	**25,989**
NEWPORT NEWS (CITY)	**MICA CO OF CANADA INC**							**900 JEFFERSON AVE**				**NAICS Code**	**32799**
METHANOL	N	250	32,749	32,999	0	0	32,999	0	0	0	0	0	0
TOLUENE	N	250	36,192	36,442	0	0	36,442	0	0	0	0	0	0
Total for MICA CO OF CANADA INC		**500**	**68,941**	**69,441**	**0**	**0**	**69,441**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (21 reports)		**124,455**	**100,021**	**224,476**	**0**	**5,181**	**229,657**	**0**	**35,294**	**27,525**	**62,819**	**29,607**	**330,052**
NORFOLK (CITY)	**BAE SYSTEMS NORFOLK SHIP REPAIR**							**750 W BERKLEY AVE**				**NAICS Code**	**33661**
COPPER COMPOUNDS	N	682	0	682	0	88	770	0	0	0	0	197	5,078
N-BUTYL ALCOHOL	N	10,384	0	10,384	0	0	10,384	0	0	0	0	0	12,335
XYLENE (MIXED ISOMERS)	N	7,377	0	7,377	0	0	7,377	0	0	0	0	0	6,343
Total for BAE SYSTEMS NORFOLK SHIP REPAIR		**18,443**	**0**	**18,443**	**0**	**88**	**18,531**	**0**	**0**	**0**	**0**	**197**	**23,756**
NORFOLK (CITY)	**COLONNA'S SHIPYARD INC**							**400 E INDIAN RIVER RD**				**NAICS Code**	**33661**
N-BUTYL ALCOHOL	N	16,618	0	16,618	0	0	16,618	0	0	0	0	0	250
XYLENE (MIXED ISOMERS)	N	22,744	0	22,744	0	0	22,744	0	0	0	0	0	250
Total for COLONNA'S SHIPYARD INC		**39,362**	**0**	**39,362**	**0**	**0**	**39,362**	**0**	**0**	**0**	**0**	**0**	**500**
NORFOLK (CITY)	**TITAN VIRGINIA READY-MIX LLC-CAMPOSTELLA PLANT**							**2125 KIMBALL TERRACE**				**NAICS Code**	**32732**
NITRATE COMPOUNDS	N	0	0	0	0	21	21	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-CAMPO		**0**	**0**	**0**	**0**	**21**	**21**	**0**	**0**	**0**	**0**	**0**	**0**
NORFOLK (CITY)	**US NAVY JOINT EXPEDITIONARY LITTLE CREEK RANGE**							**2600 TARAWA CT SUITE 100**				**NAICS Code**	**92811**
NAPHTHALENE	N	4	1	5	0	0	5	0	0	100	100	0	64
Total for US NAVY JOINT EXPEDITIONARY LITTLE		**4**	**1**	**5**	**0**	**0**	**5**	**0**	**0**	**100**	**100**	**0**	**64**

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NORFOLK (CITY)	**US NAVY NAVAL STATION NORFOLK RANGE**							**1530 GILBERT ST**				**NAICS Code**	**92811**
NAPHTHALENE	N	17	51	68	0	0	68	0	0	640	640	0	378
Total for US NAVY NAVAL STATION NORFOLK RA		**17**	**51**	**68**	**0**	**0**	**68**	**0**	**0**	**640**	**640**	**0**	**378**
Total for Above County : (8 reports)		**57,826**	**52**	**57,878**	**0**	**109**	**57,987**	**0**	**0**	**740**	**740**	**197**	**24,698**
NORTHUMBERLAND	**CARRY-ON TRAILER CORP**							**617 HARRY HOGAN RD**				**NAICS Code**	**33621**
MANGANESE	N	33	0	33	0	0	33	0	0	0	0	0	434
Total for CARRY-ON TRAILER CORP		**33**	**0**	**33**	**0**	**0**	**33**	**0**	**0**	**0**	**0**	**0**	**434**
NORTHUMBERLAND	**OMEGA PROTEIN INC**							**610 MENHADEN RD**				**NAICS Code**	**31161**
AMMONIA	N	0	25,000	25,000	0	2,110	27,110	0	0	0	0	0	0
Total for OMEGA PROTEIN INC		**0**	**25,000**	**25,000**	**0**	**2,110**	**27,110**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 reports)		**33**	**25,000**	**25,033**	**0**	**2,110**	**27,143**	**0**	**0**	**0**	**0**	**0**	**434**
NOTTOWAY	**COX WOOD OF VIRGINIA**							**2960 COX RD**				**NAICS Code**	**32111**
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	N	0	0	0	0	70	70	0	0	0	0	0	0
Total for COX WOOD OF VIRGINIA		**0**	**0**	**0**	**0**	**70**	**70**	**0**	**0**	**0**	**0**	**0**	**0**
NOTTOWAY	**TYSON FARMS INC. - FEED MILL**							**1938 PATRICK HENRY HWY**				**NAICS Code**	**31111**
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**

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NOTTOWAY	**US ARMY NATIONAL GUARD FORT PICKETT (INSTALLATION)**							**US PFO BUILDING 316 FORT PICKETT**				**NAICS Code**	**92811**
COPPER	N	0	0	0	82,787	0	82,787	0	0	0	0	0	0
Total for US ARMY NATIONAL GUARD FORT PICK		**0**	**0**	**0**	**82,787**	**0**	**82,787**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (7 reports)		**0**	**0**	**0**	**82,787**	**70**	**82,857**	**0**	**0**	**0**	**0**	**0**	**0**
PATRICK	**MICROMETRICS SYSTEM**							**225 JEB STUART HWY**				**NAICS Code**	**33271**
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)	**AMSTED RAIL CO INC**							**2580 FRONTAGE RD**				**NAICS Code**	**33211**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	2	119,069
COPPER	N	0	0	0	0	0	0	0	0	0	0	3	63,322
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	185,884
NICKEL	N	0	1	1	0	0	1	0	0	0	0	33	120,218
Total for AMSTED RAIL CO INC		**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**38**	**488,493**
PETERSBURG (CITY)	**BLEACHTECH LLC**							**2020 BESSEMER RD**				**NAICS Code**	**32518**
CHLORINE	N	5	250	255	0	0	255	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	5	250	255	0	0	255	0	0	0	0	0	0
Total for BLEACHTECH LLC		**10**	**500**	**510**	**0**	**0**	**510**	**0**	**0**	**0**	**0**	**0**	**0**
PETERSBURG (CITY)	**DOMINION CHEMICAL CO INC**							**2050 PUDDLEDOCK RD**				**NAICS Code**	**32599**
METHANOL	N	250	250	500	0	0	500	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 DOMINION CHEMICAL CO INC		**250**	**250**	**500**	**0**	**0**	**500**	**0**	**0**	**0**	**0**	**0**	**0**
PETERSBURG (CITY)	**PRE CON INC**							**220 S PERRY ST**				**NAICS Code**	**31332**
CYCLOHEXANE	N	1,221	1,048	2,269	0	0	2,269	0	0	16,575	16,575	0	141,176
Total for PRE CON INC		**1,221**	**1,048**	**2,269**	**0**	**0**	**2,269**	**0**	**0**	**16,575**	**16,575**	**0**	**141,176**
PETERSBURG (CITY)	**VALMONT-VIRGINIA GALVANIZING INC**							**3535 HALIFAX RD**				**NAICS Code**	**33281**
ZINC COMPOUNDS	N	435	217	652	0	2,110	2,762	0	0	0	0	0	24,187
Total for VALMONT-VIRGINIA GALVANIZING INC		**435**	**217**	**652**	**0**	**2,110**	**2,762**	**0**	**0**	**0**	**0**	**0**	**24,187**
Total for Above County : (9 reports)		**1,916**	**2,016**	**3,932**	**0**	**2,110**	**6,042**	**0**	**0**	**16,575**	**16,575**	**38**	**653,856**
PITTSYLVANIA	**ARKEMA INC**							**601 TIGHTSQUEEZE IND US TRIAL RD**				**NAICS Code**	**32521**
ACRYLIC ACID	N	250	250	500	0	0	500	0	0	355,000	355,000	0	250
BUTYL ACRYLATE	N	250	250	500	0	0	500	0	0	780	780	0	500
CERTAIN GLYCOL ETHERS	N	5	5	10	0	0	10	0	0	180	180	0	1,255
DIISOCYANATES	Y	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	N	250	250	500	0	0	500	0	0	1,700	1,700	0	9,000
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	360	360	0	1,250
PHTHALIC ANHYDRIDE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	N	2,800	1,100	3,900	0	0	3,900	0	1,450,000	29,300	1,479,300	0	614,700
TOLUENE DIISOCYANATE (MIXED	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	750	250	1,000	0	0	1,000	0	0	6,700	6,700	0	38,150
Total for ARKEMA INC		**4,555**	**2,355**	**6,910**	**0**	**0**	**6,910**	**0**	**1,450,000**	**394,020**	**1,844,020**	**0**	**665,105**
PITTSYLVANIA	**COLUMBIA FOREST PRODUCTS**							**100 PAUL RD SW**				**NAICS Code**	**32121**

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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	22,719	0	22,719	0	0	22,719	0	0	0	0	0	0
Total for COLUMBIA FOREST PRODUCTS		**22,719**	**0**	**22,719**	**0**	**0**	**22,719**	**0**	**0**	**0**	**0**	**0**	**0**
PITTSYLVANIA	**DANCHEM TECHNOLOGIES INC**							**1975 OLD RICHMOND RD**				**NAICS Code**	**32521**
ACRYLONITRILE	N	23	96	119	0	0	119	0	0	0	0	56	51
ANTIMONY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	471	352
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	37	1,089
CYCLOHEXANE	N	1,442	11,604	13,046	0	0	13,046	0	0	0	0	0	29,268
DICAMBA	N	0	0	0	0	0	0	0	0	0	0	0	0
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	681
ETHYLENE GLYCOL	N	97	1	98	0	0	98	0	0	0	0	0	0
MALEIC ANHYDRIDE	N	148	2	150	0	0	150	0	0	0	0	0	24
METHANOL	N	949	1,177	2,126	0	0	2,126	0	0	0	0	0	7,741
METHYL METHACRYLATE	N	389	168	557	0	0	557	0	0	0	0	0	185
N-BUTYL ALCOHOL	N	5,796	28,116	33,912	0	0	33,912	0	1,924,564	1,989,311	3,913,875	0	189,447
NITRIC ACID	N	0	0	0	0	0	0	0	0	0	0	0	32,738
PHENOL	N	0	1	1	0	0	1	0	0	0	0	103	95
SODIUM DICAMBA	N	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	N	2,464	2,558	5,022	0	0	5,022	0	0	34,146	34,146	2	431,243
VINYL ACETATE	N	233	829	1,062	0	0	1,062	0	0	0	0	0	942
XYLENE (MIXED ISOMERS)	N	3,141	1,288	4,429	0	0	4,429	0	0	0	0	0	6,828
ZINC COMPOUNDS	N	0	0	0	0	448	448	0	0	0	0	183	121
Total for DANCHEM TECHNOLOGIES INC		**14,682**	**45,839**	**60,521**	**0**	**448**	**60,969**	**0**	**1,924,564**	**2,023,457**	**3,948,021**	**852**	**700,803**
PITTSYLVANIA	**ELKAY WOOD PRODUCTS COMPANY**							**2000 CANE CREEK PARKWAY**				**NAICS Code**	**33711**

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ETHYLBENZENE	N	1,663	4,988	6,651	0	0	6,651	0	0	0	0	0	2,915
N-BUTYL ALCOHOL	N	1,730	5,191	6,921	0	0	6,921	0	0	0	0	0	3,347
TOLUENE	N	1,962	5,887	7,849	0	0	7,849	0	0	0	0	0	3,629
XYLENE (MIXED ISOMERS)	N	7,949	23,846	31,795	0	0	31,795	0	0	0	0	0	14,021
Total for ELKAY WOOD PRODUCTS COMPANY		**13,304**	**39,912**	**53,216**	**0**	**0**	**53,216**	**0**	**0**	**0**	**0**	**0**	**23,912**
PITTSYLVANIA	**INTERTAPE POLYMER CORP**							**1101 EAGLE SPRINGS RD**				**NAICS Code**	**32611**
TOLUENE	N	5,832	67,068	72,900	0	0	72,900	0	2,281,424	0	2,281,424	0	0
Total for INTERTAPE POLYMER CORP		**5,832**	**67,068**	**72,900**	**0**	**0**	**72,900**	**0**	**2,281,424**	**0**	**2,281,424**	**0**	**0**
PITTSYLVANIA	**JTI LEAF SERVICES (US) LLC**							**202 STINSON DRIVE**				**NAICS Code**	**31223**
AMMONIA	N	1,148	4,662	5,810	0	0	5,810	0	0	0	0	1,347	0
NICOTINE AND SALTS	N	19,140	41,720	60,860	0	0	60,860	0	0	0	0	4,506	90
SULFURIC ACID - (1994 AND AFTER	N	9,360	0	9,360	0	0	9,360	0	0	0	0	0	0
Total for JTI LEAF SERVICES (US) LLC		**29,648**	**46,382**	**76,030**	**0**	**0**	**76,030**	**0**	**0**	**0**	**0**	**5,853**	**90**
PITTSYLVANIA	**POLYNT COMPOSITES USA INC.**							**920 TIGHTSQUEEZE IND US TRIAL RD**				**NAICS Code**	**32521**
DICYCLOPENTADIENE	N	1,200	0	1,200	0	0	1,200	0	0	0	0	0	6,600
ETHYLBENZENE	N	0	0	0	0	0	0	0	0	0	0	0	7,675
ETHYLENE GLYCOL	N	750	1,400	2,150	0	0	2,150	0	0	0	0	0	34,682
MALEIC ANHYDRIDE	N	1,600	250	1,850	0	0	1,850	0	0	0	0	0	170
PHTHALIC ANHYDRIDE	N	750	250	1,000	0	0	1,000	0	0	0	0	0	170
STYRENE	N	6,400	2,600	9,000	0	0	9,000	0	0	0	0	0	20,982
TRIETHYLAMINE	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for POLYNT COMPOSITES USA INC.		**10,700**	**4,500**	**15,200**	**0**	**0**	**15,200**	**0**	**0**	**0**	**0**	**0**	**70,279**
PITTSYLVANIA	**SMITH MOUNTAIN INDUSTRIES**							**200 TOY LANE**				**NAICS Code**	**33999**

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DIISOCYANATES	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for SMITH MOUNTAIN INDUSTRIES		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (46 reports)		**101,440**	**206,056**	**307,496**	**0**	**448**	**307,944**	**0**	**5,655,988**	**2,417,477**	**8,073,465**	**6,706**	**1,460,189**
PORTSMOUTH (CITY)	**U.S. AMINES (PORTSMOUTH) LLC**							**3230 W NORFOLK RD**				**NAICS Code**	**32519**
3-CHLORO-2-METHYL-1-PROPENE	N	44	1	45	0	0	45	0	0	28	28	0	0
ALLYL CHLORIDE	N	124	3	127	0	0	127	0	0	165	165	0	0
ALLYLAMINE	N	122	1,320	1,442	0	0	1,442	0	0	64,680	64,680	0	0
AMMONIA	N	33	0	33	0	0	33	0	0	0	0	3	3
Total for U.S. AMINES (PORTSMOUTH) LLC		**323**	**1,324**	**1,647**	**0**	**0**	**1,647**	**0**	**0**	**64,873**	**64,873**	**3**	**3**
PORTSMOUTH (CITY)	**U.S. NAVY NORFOLK NAVAL SHIPYARD**							**INTERSECTION OF EFFINGHAM ST & GEORGETOWN**				**NAICS Code**	**92811**
N-BUTYL ALCOHOL	N	11,000	3,200	14,200	0	0	14,200	0	0	0	0	0	135
XYLENE (MIXED ISOMERS)	N	14,000	4,400	18,400	0	0	18,400	0	0	0	0	14	6,470
Total for U.S. NAVY NORFOLK NAVAL SHIPYARD		**25,000**	**7,600**	**32,600**	**0**	**0**	**32,600**	**0**	**0**	**0**	**0**	**14**	**6,605**
PORTSMOUTH (CITY)	**US NAVY DEFENSE FUEL SUPPORT POINT CRANEY ISLAND**							**4501 CEDAR LN BLDG 288**				**NAICS Code**	**92811**
NAPHTHALENE	N	18	189	207	0	0	207	0	61,710	400	62,110	0	17,289
Total for US NAVY DEFENSE FUEL SUPPORT POI		**18**	**189**	**207**	**0**	**0**	**207**	**0**	**61,710**	**400**	**62,110**	**0**	**17,289**
Total for Above County : (7 reports)		**25,341**	**9,113**	**34,454**	**0**	**0**	**34,454**	**0**	**61,710**	**65,273**	**126,983**	**17**	**23,896**
PRINCE EDWARD	**CMC REBAR**							**300 SMI WAY**				**NAICS Code**	**33231**
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**
Total for Above County : (1 record)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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PRINCE GEORGE	**HOPEWELL COGENERATION FACILITY**							**1114 HERCULES RD**				**NAICS Code**	**22111**
SULFURIC ACID - (1994 AND AFTER	N	0	199,819	199,819	0	0	199,819	0	0	0	0	0	0
Total for HOPEWELL COGENERATION FACILITY		**0**	**199,819**	**199,819**	**0**	**0**	**199,819**	**0**	**0**	**0**	**0**	**0**	**0**
PRINCE GEORGE	**METL-SPAN, A DIVISION OF NCI GROUP, INC.**							**6001 QUALITY WAY**				**NAICS Code**	**33231**
DIISOCYANATES	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for METL-SPAN, A DIVISION OF NCI GROUP,		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 reports)		**0**	**199,819**	**199,819**	**0**	**0**	**199,819**	**0**	**0**	**0**	**0**	**0**	**0**
PRINCE WILLIAM	**MICRON TECHNOLOGY INC.**							**9600 GODWIN DR**				**NAICS Code**	**33441**
AMMONIA	N	510	12,000	12,510	0	96	12,606	0	0	130,000	130,000	45,000	45,040
FLUORINE	N	0	2,100	2,100	0	0	2,100	0	0	110,000	110,000	0	0
HYDROGEN FLUORIDE	N	0	7,300	7,300	0	0	7,300	0	0	810,000	810,000	0	710
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	74,000	67,004
NITRIC ACID	N	0	76	76	0	0	76	0	0	75,000	75,000	0	650
OZONE	N	0	130	130	0	0	130	0	0	130,000	130,000	0	0
PROPYLENE	N	0	150	150	0	0	150	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	680	680	0	0	680	0	0	140,000	140,000	0	0
Total for MICRON TECHNOLOGY INC.		**510**	**22,436**	**22,946**	**0**	**96**	**23,042**	**0**	**0**	**1,395,000**	**1,395,000**	**119,000**	**113,404**
PRINCE WILLIAM	**POSSUM POINT POWER STATION**							**19000 POSSUM POINT RD**				**NAICS Code**	**22111**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	N	0	105,000	105,000	0	27,800	132,800	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	N	0	1,150	1,150	0	0	1,150	0	0	0	0	0	0

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SULFURIC ACID - (1994 AND AFTER	N	0	17,600	17,600	0	0	17,600	0	0	53,400	53,400	0	0
Total for POSSUM POINT POWER STATION		**0**	**123,750**	**123,750**	**0**	**27,800**	**151,550**	**0**	**0**	**53,400**	**53,400**	**0**	**0**
PRINCE WILLIAM	**QUARLES PETROLEUM INC. MANASSAS BULK PLANT**							**8001 WELLINGFORD DR**				**NAICS Code**	**42471**
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**	**56211**
ETHYLENE GLYCOL	N	4	0	4	0	0	4	0	0	0	0	0	256,340
Total for SAFETY-KLEEN SYSTEMS MANASSAS (		**4**	**0**	**4**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**256,340**
PRINCE WILLIAM	**US MARINE CORPS BASE QUANTICO RANGE COMPLEX**							**3250 CATLIN AVE**				**NAICS Code**	**92811**
1,2,4-TRIMETHYLBENZENE	N	13	0	13	0	0	13	0	0	0	0	0	0
BENZENE	N	140	73	213	0	0	213	0	0	0	0	0	0
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	0
CUMENE	N	14	3	17	0	0	17	0	0	0	0	0	0
CYCLOHEXANE	N	2	0	2	0	0	2	0	0	0	0	0	0
ETHYLBENZENE	N	38	5	43	0	0	43	0	0	0	0	0	0
METHYL TERT-BUTYL ETHER	N	94	540	634	0	0	634	0	0	0	0	0	0
NAPHTHALENE	N	1	1	2	0	0	2	0	0	0	0	0	0
N-HEXANE	N	24	450	474	0	0	474	0	0	0	0	0	0

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PHOSPHORUS (YELLOW OR WHITE	N	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	N	910	88	998	0	0	998	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	380	26	406	0	0	406	0	0	0	0	0	0
Total for US MARINE CORPS BASE QUANTICO RA		**1,616**	**1,186**	**2,802**	**0**	**0**	**2,802**	**0**	**0**	**0**	**0**	**0**	**0**
PRINCE WILLIAM	**VIRGINIA CONCRETE GAINESVILLE PLANT**							**7300 RAIL LINE CT**				**NAICS Code**	**32732**
NITRATE COMPOUNDS	N	0	0	0	0	218	218	0	0	0	0	0	0
Total for VIRGINIA CONCRETE GAINESVILLE PLA		**0**	**0**	**0**	**0**	**218**	**218**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (33 reports)		**2,130**	**147,372**	**149,502**	**0**	**28,114**	**177,615**	**0**	**0**	**1,448,400**	**1,448,400**	**119,000**	**369,744**
PULASKI	**BONDCOTE CORP**							**509 BURGIS AVE**				**NAICS Code**	**31332**
ANTIMONY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	3,869
BARIUM COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	2,540
CHROMIUM COMPOUNDS (EXCEPT	N	0	0	0	0	0	0	0	0	0	0	0	483
DIBUTYL PHTHALATE	N	0	0	0	0	0	0	0	0	0	0	0	4,716
Total for BONDCOTE CORP		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**11,608**
PULASKI	**CONN-WELD IND INC**							**NEW BERN RD STATE RD 682**				**NAICS Code**	**33313**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	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**	**33281**
ZINC COMPOUNDS	N	90	135	225	0	0	225	0	0	0	0	2	23
Total for ELECTROPLATE-RITE CORP		**90**	**135**	**225**	**0**	**0**	**225**	**0**	**0**	**0**	**0**	**2**	**23**
PULASKI	**JAMES HARDIE BUILDING PRODUCTS PULASKI**							**1000 JAMES HARDIE WAY**				**NAICS Code**	**32739**

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CHROMIUM COMPOUNDS (EXCEPT	N	0	0	0	0	0	0	0	0	0	0	1	5
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	0
MANGANESE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	1	0
Total for JAMES HARDIE BUILDING PRODUCTS	P	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**5**
PULASKI	**MAR-BAL, INC.**							**5400 RESERVE WAY**				**NAICS Code**	**32619**
STYRENE	N	1,481	0	1,481	0	0	1,481	0	0	0	0	0	239
Total for MAR-BAL, INC.		**1,481**	**0**	**1,481**	**0**	**0**	**1,481**	**0**	**0**	**0**	**0**	**0**	**239**
PULASKI	**NORDSON XALOY INC**							**102 XALOY WAY**				**NAICS Code**	**33299**
MANGANESE	N	1	15	16	0	0	16	0	0	0	0	0	37,444
NICKEL	N	2	31	33	0	0	33	0	0	0	0	0	59,211
Total for NORDSON XALOY INC		**2**	**46**	**48**	**0**	**0**	**48**	**0**	**0**	**0**	**0**	**0**	**96,655**
PULASKI	**TRIM SYSTEMS**							**320 NEWBERN RD**				**NAICS Code**	**33636**
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TRIM SYSTEMS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PULASKI	**VOLVO GROUP NORTH AMERICA, LLC**							**4881 COUGAR TRAIL ROAD**				**NAICS Code**	**33612**
DIISOCYANATES	N	0	8	8	0	0	8	0	0	0	0	2	1,457
ETHYLENE GLYCOL	N	1	6	7	0	0	7	0	0	22	22	0	16,041
METHANOL	N	313	19	332	0	0	332	0	0	0	0	0	763
Total for VOLVO GROUP NORTH AMERICA, LLC		**314**	**33**	**347**	**0**	**0**	**347**	**0**	**0**	**22**	**22**	**2**	**18,261**
Total for Above County : (18 reports)		**1,887**	**214**	**2,101**	**0**	**0**	**2,101**	**0**	**0**	**22**	**22**	**7**	**126,791**
RICHMOND	**MONDELEZ GLOBAL LLC**							**6002 S LABURNUM AVE**				**NAICS Code**	**31182**

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AMMONIA	N	0	118,660	118,660	0	0	118,660	0	0	0	0	0	0
Total for MONDELEZ GLOBAL LLC		**0**	**118,660**	**118,660**	**0**	**0**	**118,660**	**0**	**0**	**0**	**0**	**0**	**0**
RICHMOND	**WOOD PRESERVERS INC**							**15939 HISTORY LAND HWY**				**NAICS Code**	**32111**
ARSENIC COMPOUNDS	N	0	0	0	0	1	1	0	0	0	0	0	3
CHROMIUM COMPOUNDS (EXCEPT	N	0	0	0	0	1	1	0	0	0	0	0	4
COPPER COMPOUNDS	N	0	0	0	0	1	1	0	0	0	0	0	9
STYRENE	N	281	5,353	5,634	0	0	5,634	0	0	0	0	0	0
Total for WOOD PRESERVERS INC		**281**	**5,353**	**5,634**	**0**	**3**	**5,637**	**0**	**0**	**0**	**0**	**0**	**16**
Total for Above County : (5 reports)		**281**	**124,013**	**124,294**	**0**	**3**	**124,297**	**0**	**0**	**0**	**0**	**0**	**16**
RICHMOND (CITY)	**BELLEMEADE POWER STATION**							**1860 COMMERCE RD**				**NAICS Code**	**22111**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	N	0	93,000	93,000	0	0	93,000	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 BELLEMEADE POWER STATION		**0**	**93,000**	**93,000**	**0**	**0**	**93,000**	**0**	**0**	**0**	**0**	**0**	**0**
RICHMOND (CITY)	**CARPENTER CO RICHMOND PLANT**							**2400 JEFFERSON DAVIS HWY**				**NAICS Code**	**32615**
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	6,981
TOLUENE DIISOCYANATE (MIXED	N	60	0	60	0	0	60	0	0	0	0	0	171,547
Total for CARPENTER CO RICHMOND PLANT		**60**	**1**	**61**	**0**	**0**	**61**	**0**	**0**	**0**	**0**	**0**	**178,528**
RICHMOND (CITY)	**KINDER MORGAN TRANSMIX COMPANY, LLC**							**3302 DEEPWATER TERMINAL RD**				**NAICS Code**	**42471**
1,2,4-TRIMETHYLBENZENE	N	132	1	133	0	0	134	0	0	29	29	0	2
BENZENE	N	110	42	152	0	0	152	0	0	1,085	1,085	0	2

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ETHYLBENZENE	N	31	3	34	0	0	34	0	0	82	82	0	1
N-HEXANE	N	88	37	125	0	0	126	0	0	980	980	0	1
TOLUENE	N	232	47	278	0	1	279	0	0	1,214	1,214	0	6
XYLENE (MIXED ISOMERS)	N	299	19	318	0	1	319	0	0	486	486	0	6
Total for KINDER MORGAN TRANSMIX COMPANY,		**892**	**149**	**1,041**	**0**	**3**	**1,044**	**0**	**0**	**3,875**	**3,875**	**0**	**18**
RICHMOND (CITY)	**LAND-O-SUN DAIRIES LLC (DBA PET DAIRY) RICHMOND**							**1505 ROBIN HOOD RD**				**NAICS Code**	**31151**
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	63,665	63,665
NITRIC ACID	N	0	0	0	0	0	0	0	0	64,680	64,680	0	0
Total for LAND-O-SUN DAIRIES LLC (DBA PET DAI		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**64,680**	**64,680**	**63,665**	**63,665**
RICHMOND (CITY)	**PHILIP MORRIS USA COMMERCE ROAD SITE**							**3601 COMMERCE RD**				**NAICS Code**	**31223**
AMMONIA	N	205	20,536	20,741	0	0	20,741	0	0	5,230	5,230	1,721	1,038
NICOTINE AND SALTS	N	120	12,017	12,137	0	0	12,137	0	0	112,439	112,439	58,496	113,016
Total for PHILIP MORRIS USA COMMERCE ROAD		**325**	**32,553**	**32,878**	**0**	**0**	**32,878**	**0**	**0**	**117,669**	**117,669**	**60,217**	**114,054**
RICHMOND (CITY)	**SPRUANCE GENCO LLC**							**5001 COMMERCE RD**				**NAICS Code**	**22111**
BARIUM COMPOUNDS	N	0	0	0	0	249	250	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	34,819	34,819	0	0	34,819	0	0	413,450	413,450	0	0
HYDROGEN FLUORIDE	N	0	4,352	4,352	0	0	4,352	0	0	51,681	51,681	0	0
SULFURIC ACID - (1994 AND AFTER	N	32	174	206	0	0	206	0	0	129,936	129,936	0	0
Total for SPRUANCE GENCO LLC		**32**	**39,345**	**39,377**	**0**	**249**	**39,627**	**0**	**0**	**595,067**	**595,067**	**0**	**0**
RICHMOND (CITY)	**STERILIZATION SERVICES OF VIRGINIA**							**5674 EASTPORT BLVD**				**NAICS Code**	**33911**
ETHYLENE GLYCOL	N	0	0	0	0	0	0	0	0	0	0	0	606,647
ETHYLENE OXIDE	N	0	7,194	7,194	0	0	7,194	0	0	336,579	336,579	0	0
Total for STERILIZATION SERVICES OF VIRGINIA		**0**	**7,194**	**7,194**	**0**	**0**	**7,194**	**0**	**0**	**336,579**	**336,579**	**0**	**606,647**

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RICHMOND (CITY)	**TCS MATERIALS RICHMOND PLANT**							**2100 DEEPWATER TERMINAL ROAD**				**NAICS Code**	**32732**
NITRATE COMPOUNDS	N	0	0	0	0	521	521	0	0	0	0	0	0
Total for TCS MATERIALS RICHMOND PLANT		**0**	**0**	**0**	**0**	**521**	**521**	**0**	**0**	**0**	**0**	**0**	**0**
RICHMOND (CITY)	**UPACO ADHESIVES INC**							**4105 CASTLEWOOD RD**				**NAICS Code**	**32552**
TOLUENE	N	250	250	500	0	0	500	0	0	0	0	0	1,185
XYLENE (MIXED ISOMERS)	N	250	250	500	0	0	500	0	0	0	0	0	750
Total for UPACO ADHESIVES INC		**500**	**500**	**1,000**	**0**	**0**	**1,000**	**0**	**0**	**0**	**0**	**0**	**1,935**
Total for Above County : (25 reports)		**1,809**	**172,741**	**174,551**	**0**	**773**	**175,324**	**0**	**0**	**1,117,870**	**1,117,870**	**123,882**	**964,846**
ROANOKE	**ACCELLENT**							**200 S. YORKSHIRE STREET**				**NAICS Code**	**33299**
NITRIC ACID	N	0	0	0	0	0	0	0	0	14,077	14,077	0	0
Total for Accellent		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**14,077**	**14,077**	**0**	**0**
ROANOKE	**CHEMSOLV INC**							**1140 IND US TRY AVE SE**				**NAICS Code**	**42469**
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
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	Y	0	0	0	0	0	0	0	0	0	0	0	0
FORMALDEHYDE	Y	0	0	0	0	0	0	0	0	0	0	0	0
METHANOL	N	421	299	720	0	0	720	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

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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	201	254	455	0	0	455	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CHEMSOLV INC		**622**	**553**	**1,175**	**0**	**0**	**1,175**	**0**	**0**	**0**	**0**	**0**	**0**
ROANOKE	**GRAHAM-WHITE MANUFACTURING CO.**							**1242 COLORADO ST**				**NAICS Code**	**33651**
COPPER	N	73	0	73	0	0	73	0	0	0	0	0	37,727
Total for GRAHAM-WHITE MANUFACTURING CO.		**73**	**0**	**73**	**0**	**0**	**73**	**0**	**0**	**0**	**0**	**0**	**37,727**
ROANOKE	**KIK (VIRGINIA) LLC**							**27 MILL LN**				**NAICS Code**	**32561**
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**	**32111**
CREOSOTE	N	2,000	3,900	5,900	0	1	5,901	0	1,500,000	50	1,500,050	0	12,000
Total for KOPPERS INC (ROANOKE)		**2,000**	**3,900**	**5,900**	**0**	**1**	**5,901**	**0**	**1,500,000**	**50**	**1,500,050**	**0**	**12,000**
ROANOKE	**MEDECO SECURITY LOCKS INC.**							**3625 ALLEGHENY DR**				**NAICS Code**	**33251**
COPPER COMPOUNDS	N	0	0	0	0	2	2	0	0	0	0	3	534,550
NICKEL COMPOUNDS	N	0	0	0	0	11	11	0	0	0	0	3	3,702
ZINC COMPOUNDS	N	0	1	1	0	23	24	0	0	0	0	2	292,434
Total for MEDECO SECURITY LOCKS INC.		**0**	**1**	**1**	**0**	**35**	**36**	**0**	**0**	**0**	**0**	**8**	**830,685**
ROANOKE	**MENNEL MILLING CO OF VIRGINIA**							**5185 BENOIS RD**				**NAICS Code**	**31121**
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**

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ROANOKE	**NEW MILLENNIUM BUILDING SYSTEMS**							**100 DIUGUIDS LANE**				**NAICS Code**	**33231**
MANGANESE	N	137	0	137	0	0	137	0	0	0	0	0	71,449
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	7,638
Total for NEW MILLENNIUM BUILDING SYSTEMS		**137**	**0**	**137**	**0**	**0**	**137**	**0**	**0**	**0**	**0**	**0**	**79,087**
ROANOKE	**SAFETY-KLEEN SYSTEMS VINTON (ROA)**							**16090 STEWARTSVILLE RD**				**NAICS Code**	**56211**
ETHYLENE GLYCOL	N	0	5	5	0	0	5	0	0	0	0	0	239,495
Total for SAFETY-KLEEN SYSTEMS VINTON (ROA		**0**	**5**	**5**	**0**	**0**	**5**	**0**	**0**	**0**	**0**	**0**	**239,495**
ROANOKE	**SEMCO DUCTS & ACOUSTICAL PRODUCTS INC**							**1967 BLUE HILLS DR NE**				**NAICS Code**	**33232**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	7,979
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	21,494
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	9,309
Total for SEMCO DUCTS & ACOUSTICAL PRODUC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**38,782**
ROANOKE	**TECTON PRODUCTS LLC**							**5415 CORPORATE CIR**				**NAICS Code**	**32619**
STYRENE	N	0	297	297	0	0	297	0	0	31,537	31,537	0	1,853
Total for TECTON PRODUCTS LLC		**0**	**297**	**297**	**0**	**0**	**297**	**0**	**0**	**31,537**	**31,537**	**0**	**1,853**
ROANOKE	**VIRGINIA TRANSFORMER CORP.**							**220 GLADE VIEW DR NE**				**NAICS Code**	**33531**
XYLENE (MIXED ISOMERS)	N	4,825	1,704	6,529	0	0	6,529	0	1,450	0	1,450	0	0
Total for VIRGINIA TRANSFORMER CORP.		**4,825**	**1,704**	**6,529**	**0**	**0**	**6,529**	**0**	**1,450**	**0**	**1,450**	**0**	**0**
ROANOKE	**YOKOHAMA TIRE MANUFACTURING VIRGINIA LLC**							**1500 INDIANA ST**				**NAICS Code**	**32621**
ZINC COMPOUNDS	N	4,601	0	4,601	0	0	4,601	0	0	0	0	33	19,266
Total for YOKOHAMA TIRE MANUFACTURING VIR		**4,601**	**0**	**4,601**	**0**	**0**	**4,601**	**0**	**0**	**0**	**0**	**33**	**19,266**
Total for Above County : (31 reports)		**12,260**	**6,460**	**18,720**	**0**	**36**	**18,756**	**0**	**1,501,450**	**45,664**	**1,547,114**	**41**	**1,258,896**

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ROANOKE (CITY)	**AKZO NOBEL COATINGS INC**							**2837 ROANOKE AVE SW**				**NAICS Code**	**32551**
1,2,4-TRIMETHYLBENZENE	N	749	0	749	0	0	749	0	0	0	0	0	6,537
ETHYLBENZENE	N	1,854	23	1,877	0	0	1,877	0	0	0	0	0	3,922
METHANOL	N	2,275	227	2,502	0	0	2,502	0	0	0	0	0	14,381
METHYL ISOBUTYL KETONE	N	544	0	544	0	0	544	0	0	0	0	0	6,537
N-BUTYL ALCOHOL	N	2,617	0	2,617	0	0	2,617	0	0	0	0	0	16,996
TOLUENE	N	2,901	92	2,993	0	0	2,993	0	0	0	0	0	27,455
XYLENE (MIXED ISOMERS)	N	7,756	44	7,800	0	0	7,800	0	0	0	0	0	40,530
Total for AKZO NOBEL COATINGS INC		**18,696**	**386**	**19,082**	**0**	**0**	**19,082**	**0**	**0**	**0**	**0**	**0**	**116,358**
ROANOKE (CITY)	**ARDAGH METAL PACKAGING USA INC**							**5022 HOLLINS RD**				**NAICS Code**	**33243**
CERTAIN GLYCOL ETHERS	N	0	2,900	2,900	0	0	2,900	0	0	160,000	160,000	0	7,899
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	57,705
COPPER	Y	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	31,930
N-BUTYL ALCOHOL	N	0	13,000	13,000	0	0	13,000	0	0	700,000	700,000	0	45,430
Total for ARDAGH METAL PACKAGING USA INC		**0**	**15,900**	**15,900**	**0**	**0**	**15,900**	**0**	**0**	**860,000**	**860,000**	**0**	**142,964**
ROANOKE (CITY)	**ASSOCIATED ASPHALT ROANOKE, LLC**							**2677 ROANOKE AVE SW**				**NAICS Code**	**42471**
METHANOL	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for ASSOCIATED ASPHALT ROANOKE, LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
ROANOKE (CITY)	**FOOT LEVELERS INC.**							**518 POCAHONTAS AVE**				**NAICS Code**	**31621**
TOLUENE	N	0	10,381	10,381	0	0	10,381	0	0	0	0	1	2,921
Total for FOOT LEVELERS INC.		**0**	**10,381**	**10,381**	**0**	**0**	**10,381**	**0**	**0**	**0**	**0**	**1**	**2,921**

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ROANOKE (CITY)	**STEEL DYNAMICS INC ROANOKE BAR DIV**							**102 WESTSIDE BLVD**				**NAICS Code**	**33111**
CHROMIUM COMPOUNDS (EXCEPT	N	11	46	57	0	0	57	0	0	0	0	0	40,768
COPPER COMPOUNDS	N	2	50	52	0	0	52	0	0	0	0	0	33,299
MANGANESE COMPOUNDS	N	115	1,277	1,392	0	0	1,392	0	0	0	0	0	376,554
NICKEL COMPOUNDS	N	1	6	7	0	0	7	0	0	0	0	0	3,596
ZINC COMPOUNDS	N	22	3,256	3,278	0	573	3,851	0	0	0	0	0	2,899,905
Total for STEEL DYNAMICS INC ROANOKE BAR DI		**151**	**4,635**	**4,786**	**0**	**573**	**5,359**	**0**	**0**	**0**	**0**	**0**	**3,354,122**
Total for Above County : (19 reports)		**18,847**	**31,302**	**50,149**	**0**	**573**	**50,722**	**0**	**0**	**860,000**	**860,000**	**1**	**3,616,365**
ROCKBRIDGE	**MODINE MANUFACTURING CO**							**1221 MAGNOLIA AVE**				**NAICS Code**	**33341**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	8,599
COPPER	N	2	9	11	0	0	11	0	0	0	0	0	4,922
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	1,261
Total for MODINE MANUFACTURING CO		**2**	**9**	**11**	**0**	**0**	**11**	**0**	**0**	**0**	**0**	**0**	**14,782**
ROCKBRIDGE	**MUNTERS**							**225 S MAGNOLIA AVE**				**NAICS Code**	**33341**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	53,443
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	7,553
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	25,384
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	50,697
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	27,705
Total for MUNTERS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**164,782**
ROCKBRIDGE	**STELLA JONES CORP-GOSHEN FACILITY**							**9223 MAURY RIVER RD**				**NAICS Code**	**32111**
CREOSOTE	N	3,878	3,736	7,614	0	0	7,614	0	0	0	0	0	19,495

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Total for STELLA JONES CORP-GOSHEN FACILIT			**3,878**	**3,736**	**7,614**	**0**	**0**	**7,614**	**0**	**0**	**0**	**0**	**0**	**19,495**
Total for Above County : (9 reports)			**3,880**	**3,745**	**7,625**	**0**	**0**	**7,625**	**0**	**0**	**0**	**0**	**0**	**199,059**
ROCKINGHAM	**AIRDYE SOLUTIONS LLC**								**1000 PLEASANT VALLEY RD**				**NAICS Code**	**32311**
	METHANOL	N	60	0	60	0	0	60	0	1,500	1,600	3,100	0	4,260
	METHYL ISOBUTYL KETONE	N	20	40	60	0	0	60	0	340	340	680	0	4,120
Total for AIRDYE SOLUTIONS LLC			**80**	**40**	**120**	**0**	**0**	**120**	**0**	**1,840**	**1,940**	**3,780**	**0**	**8,380**
ROCKINGHAM	**CARGILL MEAT SOLUTIONS INC**								**135 HUFFMAN DR**				**NAICS Code**	**31161**
	PERACETIC ACID	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for CARGILL MEAT SOLUTIONS INC			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
ROCKINGHAM	**CARGILL TURKEY PRODUCTION LLC**								**1 KRATZER RD**				**NAICS Code**	**31111**
	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**	**31161**
	PERACETIC ACID	N	0	0	0	0	0	0	0	0	45,052	45,052	0	0
Total for GEORGE'S FOODS, LLC. PROCESSING P			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**45,052**	**45,052**	**0**	**0**
ROCKINGHAM	**MERCK SHARP & DOHME CORP.**								**2778 SE SIDE HWY**				**NAICS Code**	**32541**
	ACETONITRILE	N	4,300	1,060	5,360	0	0	5,360	0	39,510	14,480	53,990	0	249,130
	AMMONIA	N	1,040	2,950	3,990	0	100	4,090	0	0	3,310	3,310	0	0
	ETHYLENE GLYCOL	N	90	0	90	0	0	90	0	0	4,040	4,040	0	0
	HYDRAZINE	N	0	1	1	0	0	1	0	0	1	1	0	0

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HYDROCHLORIC ACID (1995 AND	N	240	1,270	1,510	0	0	1,510	0	0	111,640	111,640	0	0
METHANOL	N	7,960	3,495	11,455	0	5	11,460	0	84,210	202,170	286,380	0	529,980
NITRATE COMPOUNDS	N	0	0	0	0	77,670	77,670	0	0	88,420	88,420	0	0
Total for MERCK SHARP & DOHME CORP.		**13,630**	**8,776**	**22,406**	**0**	**77,775**	**100,181**	**0**	**123,720**	**424,061**	**547,781**	**0**	**779,110**
ROCKINGHAM	**MILLERCOORS-SHENANDOAH**							**5135 S EASTSIDE HWY**				**NAICS Code**	**31212**
AMMONIA	N	80	145	225	1,437	1,596	3,258	0	0	48,343	48,343	0	0
FORMIC ACID	N	0	0	0	0	0	0	0	0	26,911	26,911	0	0
NITRATE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for MILLERCOORS-SHENANDOAH		**80**	**145**	**225**	**1,437**	**1,596**	**3,258**	**0**	**0**	**75,254**	**75,254**	**0**	**0**
ROCKINGHAM	**PILGRIM'S PRIDE CORP BROADWAY FACILITY**							**330 CO-OP DR**				**NAICS Code**	**31161**
AMMONIA	N	2,189	0	2,189	0	0	2,189	0	0	0	0	34,422	34,422
Total for PILGRIM'S PRIDE CORP BROADWAY FA		**2,189**	**0**	**2,189**	**0**	**0**	**2,189**	**0**	**0**	**0**	**0**	**34,422**	**34,422**
ROCKINGHAM	**RR DONNELLEY**							**2347 KRATZER RD**				**NAICS Code**	**32311**
CERTAIN GLYCOL ETHERS	N	87,462	3,671	91,133	0	0	91,133	0	0	0	0	925	851
Total for RR DONNELLEY		**87,462**	**3,671**	**91,133**	**0**	**0**	**91,133**	**0**	**0**	**0**	**0**	**925**	**851**
ROCKINGHAM	**VPGC LLC BROADWAY FEEDMIL**							**410 S MAIN ST**				**NAICS Code**	**31111**
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**	**31161**
NITRATE COMPOUNDS	N	0	0	0	0	55,463	55,463	0	0	467,499	467,499	0	0

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Total for VPGC LLC HINTON FACILITY		**0**	**0**	**0**	**0**	**55,463**	**55,463**	**0**	**0**	**467,499**	**467,499**	**0**	**0**
ROCKINGHAM	**WWF OPERATING CO**							**6364 S VALLEY PIKE**				**NAICS Code**	**31151**
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	293,838	264,455
NITRIC ACID	N	0	0	0	0	0	0	0	0	293,838	293,838	0	0
Total for WWF OPERATING CO		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**293,838**	**293,838**	**293,838**	**264,455**
Total for Above County : (26 reports)		**103,441**	**12,632**	**116,073**	**1,437**	**134,834**	**252,344**	**0**	**125,560**	**1,307,644**	**1,433,204**	**329,185**	**1,087,218**
RUSSELL	**AMERICAN ELECTRIC POWER CLINCH RIVER PLANT**							**JUNCTION OF ST RTS 664 & 665**				**NAICS Code**	**22111**
AMMONIA	N	0	168	168	0	15,136	15,304	0	0	680,000	680,000	0	0
BARIUM COMPOUNDS	N	5	67	72	25,605	172	25,849	0	0	0	0	0	2,204
HYDROCHLORIC ACID (1995 AND	N	0	387,000	387,000	0	0	387,000	0	0	0	0	0	0
HYDROGEN FLUORIDE	N	0	28,100	28,100	0	0	28,100	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	22,200	22,200	0	0	22,200	0	0	140,000	140,000	0	0
Total for AMERICAN ELECTRIC POWER CLINCH R		**5**	**437,535**	**437,540**	**25,605**	**15,308**	**478,453**	**0**	**0**	**820,000**	**820,000**	**0**	**2,204**
RUSSELL	**STEEL FAB A DIV OF SAMUEL PRESSURE VESSEL GROUP**							**58 SAMUEL WAY**				**NAICS Code**	**33242**
MANGANESE	N	66	0	66	0	16	82	0	0	0	0	0	3,351
Total for STEEL FAB A DIV OF SAMUEL PRESSUR		**66**	**0**	**66**	**0**	**16**	**82**	**0**	**0**	**0**	**0**	**0**	**3,351**
Total for Above County : (6 reports)		**71**	**437,535**	**437,606**	**25,605**	**15,324**	**478,535**	**0**	**0**	**820,000**	**820,000**	**0**	**5,555**
SALEM (CITY)	**GE DRIVES & CONTROLS**							**1501 ROANOKE BLVD**				**NAICS Code**	**33531**
COPPER	N	0	0	0	0	2	2	0	0	0	0	2	110,000
ETHYLENE GLYCOL	N	0	0	0	0	0	0	0	0	0	0	0	25
Total for GE DRIVES & CONTROLS		**0**	**0**	**0**	**0**	**2**	**2**	**0**	**0**	**0**	**0**	**2**	**110,025**

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SALEM (CITY)	**NOVOZYMES**							**420 KESLER MILL RD**				**NAICS Code**	**32541**
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	28	25
Total for NOVOZYMES		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**28**	**25**
SALEM (CITY)	**QUALICHEM INC**							**2003 SALEM INDUSTRIAL DR**				**NAICS Code**	**32599**
POLYCHLORINATED ALKANES	Y	0	0	0	0	0	0	0	0	0	0	0	0
SODIUM NITRITE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUALICHEM INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (5 reports)		**0**	**0**	**0**	**0**	**2**	**2**	**0**	**0**	**0**	**0**	**30**	**110,050**
SCOTT	**TEMPUR PRODUCTION USA INC**							**203 TEMPURPEDIC DR**				**NAICS Code**	**33791**
DIISOCYANATES	N	5	5	10	0	0	10	0	0	0	0	0	6,281
TOLUENE DIISOCYANATE (MIXED	N	5	5	10	0	0	10	0	0	0	0	0	2,014
Total for TEMPUR PRODUCTION USA INC		**10**	**10**	**20**	**0**	**0**	**20**	**0**	**0**	**0**	**0**	**0**	**8,295**
Total for Above County : (2 reports)		**10**	**10**	**20**	**0**	**0**	**20**	**0**	**0**	**0**	**0**	**0**	**8,295**
SHENANDOAH	**BOWMAN ANDROS PRODUCTS, LLC**							**10119 OLD VALLEY PIKE**				**NAICS Code**	**31142**
AMMONIA	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for BOWMAN ANDROS PRODUCTS, LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
SHENANDOAH	**GEORGE'S CHICKEN LLC**							**19992 SENEDO RD**				**NAICS Code**	**31161**
NITRATE COMPOUNDS	N	0	0	0	0	40,246	40,246	0	0	5,481,906	5,481,906	0	1,654
PERACETIC ACID	N	0	0	0	0	0	0	0	0	22,066	22,066	0	0
Total for GEORGE'S CHICKEN LLC		**0**	**0**	**0**	**0**	**40,246**	**40,246**	**0**	**0**	**5,503,972**	**5,503,972**	**0**	**1,654**
SHENANDOAH	**HOWELL METAL CO**							**574 DEPOT RD**				**NAICS Code**	**33142**

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COPPER	N	0	26	26	0	0	26	0	0	0	0	0	191,345
Total for HOWELL METAL CO		**0**	**26**	**26**	**0**	**0**	**26**	**0**	**0**	**0**	**0**	**0**	**191,345**
SHENANDOAH	**MASCO CABINETRY**							**1325 INDUSTRIAL PARK RD**				**NAICS Code**	**33711**
ETHYLBENZENE	N	2	14,420	14,421	0	0	14,421	0	0	0	0	0	250
METHANOL	N	0	39,938	39,938	0	0	39,938	0	0	0	0	0	741
XYLENE (MIXED ISOMERS)	N	6	61,248	61,254	0	0	61,254	0	0	0	0	0	1,050
Total for MASCO CABINETRY		**8**	**115,606**	**115,614**	**0**	**0**	**115,614**	**0**	**0**	**0**	**0**	**0**	**2,040**
SHENANDOAH	**NEW MARKET POULTRY LLC**							**145 OLD EAST CROSS ROAD**				**NAICS Code**	**31161**
NITRATE COMPOUNDS	N	0	0	0	0	35,200	35,200	0	0	370,800	370,800	0	1,000
Total for NEW MARKET POULTRY LLC		**0**	**0**	**0**	**0**	**35,200**	**35,200**	**0**	**0**	**370,800**	**370,800**	**0**	**1,000**
SHENANDOAH	**RR DONNELLEY STRASBURG DIV**							**ONE SHENANDOAH VALLEY DR**				**NAICS Code**	**32311**
CERTAIN GLYCOL ETHERS	N	3,657	41	3,698	0	0	3,698	0	0	8,279	8,279	100	92
ETHYLENE GLYCOL	N	5,319	22	5,341	0	0	5,341	0	0	4,411	4,411	54	3,904
Total for RR DONNELLEY STRASBURG DIV		**8,976**	**63**	**9,039**	**0**	**0**	**9,039**	**0**	**0**	**12,690**	**12,690**	**154**	**3,996**
Total for Above County : (10 reports)		**8,984**	**115,695**	**124,679**	**0**	**75,446**	**200,124**	**0**	**0**	**5,887,462**	**5,887,462**	**154**	**200,035**
SMYTH	**GENERAL SHALE BRICK INC PLANT 28**							**7164 LEE HWY**				**NAICS Code**	**32712**
MANGANESE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GENERAL SHALE BRICK INC PLANT 28		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
SMYTH	**SUPERFLO INC.**							**4625 LEE HWY**				**NAICS Code**	**32599**
N-BUTYL ALCOHOL	N	250	0	250	0	0	250	0	0	0	0	0	0
Total for SUPERFLO INC.		**250**	**0**	**250**	**0**	**0**	**250**	**0**	**0**	**0**	**0**	**0**	**0**
SMYTH	**TITAN WHEEL CORP OF VIRGINIA**							**227 ALLISON GAP RD**				**NAICS Code**	**33311**

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ALUMINUM OXIDE (FIBROUS FOR	N	182	0	182	0	0	182	0	0	0	0	0	20,790
MANGANESE COMPOUNDS	N	420	0	420	0	0	420	0	0	0	0	0	12,331
Total for TITAN WHEEL CORP OF VIRGINIA		**602**	**0**	**602**	**0**	**0**	**602**	**0**	**0**	**0**	**0**	**0**	**33,121**
SMYTH	**UTILITY TRAILER MFG. CO.**							**124 MOUNTAIN EMPIRE ROAD**				**NAICS Code**	**33621**
DIISOCYANATES	N	4	0	4	0	0	4	0	0	0	0	0	0
Total for Utility Trailer Mfg. Co.		**4**	**0**	**4**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (5 reports)		**856**	**0**	**856**	**0**	**0**	**856**	**0**	**0**	**0**	**0**	**0**	**33,121**
SOUTHAMPTON	**ARKEMA INC FRANKLIN PLANT**							**27047 SHADY BROOK TRAIL**				**NAICS Code**	**32519**
TERT-BUTYL ALCOHOL	N	250	250	500	0	0	500	0	0	0	0	0	101,573
Total for ARKEMA INC FRANKLIN PLANT		**250**	**250**	**500**	**0**	**0**	**500**	**0**	**0**	**0**	**0**	**0**	**101,573**
SOUTHAMPTON	**ATLANTIC POLE & PILING - NEWSOMS**							**21366 GENERAL THOMAS HWY**				**NAICS Code**	**32111**
ARSENIC COMPOUNDS	N	0	0	0	0	19	19	0	0	0	0	0	0
CHROMIUM COMPOUNDS (EXCEPT	N	0	0	0	0	23	23	0	0	0	0	0	0
COPPER COMPOUNDS	N	0	0	0	0	8	8	0	0	0	0	0	0
Total for ATLANTIC POLE & PILING - NEWSOMS		**0**	**0**	**0**	**0**	**50**	**50**	**0**	**0**	**0**	**0**	**0**	**0**
SOUTHAMPTON	**SOLENIS LLC**							**27123 SHADY BROOK TRAIL**				**NAICS Code**	**32519**
1,2-DICHLOROPROPANE	N	3,298	504	3,802	0	0	3,802	0	0	0	0	0	175
HYDROCHLORIC ACID (1995 AND	N	16,766	2,560	19,326	0	0	19,326	0	0	0	0	0	0
TRIETHYLAMINE	N	4,074	628	4,702	0	0	4,702	0	0	0	0	0	37
Total for SOLENIS LLC		**24,138**	**3,692**	**27,830**	**0**	**0**	**27,830**	**0**	**0**	**0**	**0**	**0**	**212**
Total for Above County : (7 reports)		**24,388**	**3,942**	**28,330**	**0**	**50**	**28,380**	**0**	**0**	**0**	**0**	**0**	**101,785**

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SPOTSYLVANIA	**CMC REBAR**							**9434 CROSSROADS PKWY**				**NAICS Code**	**33231**
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	**RUFFIN CREEK PROPERTIES LLC**							**10229 TIDEWATER TRAIL**				**NAICS Code**	**32111**
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 : (2 reports)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
STAFFORD	**COLONIAL CIRCUITS INC.**							**1026 WARRENTON RD**				**NAICS Code**	**33441**
COPPER	N	0	0	0	0	0	0	0	0	0	0	12	1,112
Total for COLONIAL CIRCUITS INC.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**12**	**1,112**
STAFFORD	**MAPEI CORP**							**300 NELMS CIR**				**NAICS Code**	**32552**
LITHIUM CARBONATE	Y	0	0	0	0	0	0	0	0	0	0	0	0
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**	**92111**
COPPER COMPOUNDS	N	6	1	7	0	0	7	0	0	0	0	0	18,230
Total for U.S. DOJ FBI TRAINING ACADEMY		**6**	**1**	**7**	**0**	**0**	**7**	**0**	**0**	**0**	**0**	**0**	**18,230**
STAFFORD	**WR GRACE & CO-CONN GRACE CONSTRUCTION PRODUCTS**							**1101 INTERNATIONAL PKWY**				**NAICS Code**	**42469**
NITRATE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for WR GRACE & CO-CONN GRACE CONST		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (4 reports)		**6**	**1**	**7**	**0**	**0**	**7**	**0**	**0**	**0**	**0**	**12**	**19,342**
SUFFOLK (CITY)	**BASF CORP**							**2301 WILROY RD**				**NAICS Code**	**32519**

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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)
ACRYLAMIDE	N	35	16	51	0	0	51	0	0	17,933	17,933	31,606	29,357
ACRYLIC ACID	N	17	87	104	0	0	104	0	0	19,250	19,250	1,000	991
ACRYLONITRILE	N	81	136	217	0	0	217	0	0	3,050	3,050	0	50
AMMONIA	N	2	1,950	1,952	0	0	1,952	0	0	900	900	1,970	1,252
ETHYL ACRYLATE	N	13	55	68	0	0	68	0	0	110	110	62	126
ETHYLENE GLYCOL	N	2	0	2	0	0	2	0	0	0	0	95	87
METHANOL	N	754	2,903	3,657	0	0	3,657	0	2,740,000	22,600	2,762,600	5,878	18,038
Total for BASF CORP		**904**	**5,147**	**6,051**	**0**	**0**	**6,051**	**0**	**2,740,000**	**63,843**	**2,803,843**	**40,611**	**49,901**
SUFFOLK (CITY)	**CAMERON CHEMICAL INC.**							**830 OLD DILL RD.**				**NAICS Code**	**32531**
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**
Total for Above County : (10 reports)		**1,654**	**5,897**	**7,551**	**0**	**15**	**7,566**	**0**	**2,740,000**	**63,843**	**2,803,843**	**40,611**	**49,901**
SUSSEX	**MURPHY-BROWN LLC WAVERLY FEED MILL**							**27404 CABIN POINT RD**				**NAICS Code**	**31111**
COPPER COMPOUNDS	N	0	3	3	0	0	3	0	0	0	0	0	5
ZINC (FUME OR DUST)	N	0	6	6	0	0	6	0	0	0	0	0	9
Total for MURPHY-BROWN LLC WAVERLY FEED		**0**	**9**	**9**	**0**	**0**	**9**	**0**	**0**	**0**	**0**	**0**	**14**
Total for Above County : (2 reports)		**0**	**9**	**9**	**0**	**0**	**9**	**0**	**0**	**0**	**0**	**0**	**14**
VIRGINIA BEACH (CITY)	**AETNA INSULATED WIRE LLC.**							**1537 AIR RAIL AVE**				**NAICS Code**	**33142**
ANTIMONY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	5,725
COPPER	N	0	0	0	0	5	5	0	0	0	0	0	1,621,205

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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)
DECABROMODIPHENYL OXIDE	N	0	0	0	0	0	0	0	0	0	0	0	1,731
ZINC COMPOUNDS	N	0	0	0	0	5	5	0	0	0	0	0	664
Total for AETNA INSULATED WIRE LLC.		**0**	**0**	**0**	**0**	**10**	**10**	**0**	**0**	**0**	**0**	**0**	**1,629,325**
VIRGINIA BEACH (CITY)	**STIHL INC**							**536 VIKING DR**				**NAICS Code**	**33311**
TOLUENE	N	57	4,617	4,674	0	0	4,674	0	0	0	0	0	0
Total for STIHL INC		**57**	**4,617**	**4,674**	**0**	**0**	**4,674**	**0**	**0**	**0**	**0**	**0**	**0**
VIRGINIA BEACH (CITY)	**U.S. NAVY NAVAL AIR STATION OCEANA RANGE**							**1750 TOMCAT BLVD**				**NAICS Code**	**92811**
NAPHTHALENE	N	1	4	5	0	0	5	0	0	3,120	3,120	0	0
Total for U.S. NAVY NAVAL AIR STATION OCEANA		**1**	**4**	**5**	**0**	**0**	**5**	**0**	**0**	**3,120**	**3,120**	**0**	**0**
Total for Above County : (6 reports)		**58**	**4,621**	**4,679**	**0**	**10**	**4,689**	**0**	**0**	**3,120**	**3,120**	**0**	**1,629,325**
WARREN	**AXALTA COATING SYSTEMS LLC-FRONT ROYAL PLANT**							**7961 WINCHESTER RD**				**NAICS Code**	**32551**
1,2,4-TRIMETHYLBENZENE	N	38	145	183	0	0	183	0	0	139	139	0	11,726
1,2-BUTYLENE OXIDE	N	0	165	165	0	0	165	0	0	0	0	0	90
BUTYL ACRYLATE	N	14	295	309	0	0	309	0	0	0	0	0	50
CERTAIN GLYCOL ETHERS	N	0	0	0	0	0	0	0	0	0	0	0	2,218
CHROMIUM COMPOUNDS (EXCEPT	N	0	1	1	0	0	1	0	0	0	0	0	0
CUMENE	N	1	8	9	0	0	9	0	0	8	8	0	60
CYCLOHEXANOL	N	0	16	16	0	0	16	0	0	0	0	0	0
DIISOCYANATES	N	0	406	406	0	0	406	0	0	0	0	0	179
ETHYL ACRYLATE	N	0	240	240	0	0	240	0	0	0	0	0	2
ETHYLBENZENE	N	18	2,987	3,005	0	0	3,005	0	1,068,345	1,280	1,069,625	0	39,912
METHANOL	N	37	3,931	3,968	0	0	3,968	0	0	10,920	10,920	0	0

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METHYL ACRYLATE	N	0	286	286	0	0	286	0	0	0	0	0	137
METHYL ISOBUTYL KETONE	N	88	382	470	0	0	470	0	0	1,960	1,960	0	0
METHYL METHACRYLATE	N	0	3,489	3,489	0	0	3,489	0	0	0	0	0	4
N-BUTYL ALCOHOL	N	0	197	197	0	0	197	0	0	260	260	0	118
PHTHALIC ANHYDRIDE	N	0	55	55	0	0	55	0	0	0	0	0	57
STYRENE	N	0	676	676	0	0	676	0	0	0	0	0	94
TOLUENE	N	80	9,935	10,015	0	0	10,015	0	6,359,198	20,960	6,380,158	0	152,868
VANADIUM COMPOUNDS	N	0	2	2	0	0	2	0	0	0	0	0	4,801
XYLENE (MIXED ISOMERS)	N	108	7,191	7,299	0	0	7,299	0	5,341,726	5,128	5,346,854	0	222,470
ZINC COMPOUNDS	N	0	55	55	0	0	55	0	0	0	0	0	1,506
Total for AXALTA COATING SYSTEMS LLC-FRONT		**384**	**30,462**	**30,846**	**0**	**0**	**30,846**	**0**	**12,769,269**	**40,655**	**12,809,924**	**0**	**436,292**
WARREN	**QUARLES PETROLEUM INC. FRONT ROYAL BULK PLANT**							**195 COMMERCE AVE**				**NAICS Code**	**42471**
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**	**32619**
STYRENE	N	5,484	170	5,654	0	0	5,654	0	0	0	0	0	0
Total for RPS COMPOSITES VIRGINIA, INC.		**5,484**	**170**	**5,654**	**0**	**0**	**5,654**	**0**	**0**	**0**	**0**	**0**	**0**
WARREN	**TORAY PLASTICS (AMERICA) INC**							**500 TORAY DR**				**NAICS Code**	**32615**
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	104,934	0	104,934	0	7,066
SODIUM NITRITE	N	0	0	0	0	0	0	0	170,485	0	170,485	0	11,115

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Total for TORAY PLASTICS (AMERICA) INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**275,419**	**0**	**275,419**	**0**	**18,181**
Total for Above County : (28 reports)		**5,868**	**30,632**	**36,500**	**0**	**0**	**36,500**	**0**	**13,044,688**	**40,655**	**13,085,343**	**0**	**454,473**
WASHINGTON	**AGC FLAT GLASS NA ABINGDON PLANT**							**18370 OAK PARK DR**				**NAICS Code**	**32721**
SILVER	N	5	5	10	0	0	10	0	0	0	0	0	14,668
ZINC COMPOUNDS	N	5	5	10	0	0	10	0	0	0	0	0	6,411
Total for AGC FLAT GLASS NA ABINGDON PLANT		**10**	**10**	**20**	**0**	**0**	**20**	**0**	**0**	**0**	**0**	**0**	**21,079**
WASHINGTON	**APPALACHIAN PLASTICS INC.**							**34001 GLOVE DR**				**NAICS Code**	**32619**
METHYL METHACRYLATE	N	1,107	3,321	4,428	0	0	4,428	0	0	0	0	0	0
STYRENE	N	9,288	27,866	37,154	0	0	37,154	0	0	0	0	0	0
Total for APPALACHIAN PLASTICS INC.		**10,395**	**31,187**	**41,582**	**0**	**0**	**41,582**	**0**	**0**	**0**	**0**	**0**	**0**
WASHINGTON	**AZZ GALVANIZING-BRISTOL**							**14781 INDUSTRIAL PARK RD**				**NAICS Code**	**33281**
ZINC COMPOUNDS	N	1,690	0	1,690	0	86	1,775	0	0	0	0	0	79,430
Total for AZZ GALVANIZING-BRISTOL		**1,690**	**0**	**1,690**	**0**	**86**	**1,775**	**0**	**0**	**0**	**0**	**0**	**79,430**
WASHINGTON	**HAPCO**							**26252 HILLMAN HIGHWAY**				**NAICS Code**	**33231**
ALUMINUM (FUME OR DUST)	N	4,814	9,628	14,442	0	0	14,442	0	0	0	0	0	75,326
ZINC (FUME OR DUST)	N	1,764	3,529	5,293	0	0	5,293	0	0	0	0	0	75,326
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for HAPCO		**6,578**	**13,157**	**19,735**	**0**	**0**	**19,735**	**0**	**0**	**0**	**0**	**0**	**150,652**
WASHINGTON	**HIRSCHFELD INDUSTRIES BRIDGE, LLC**							**15083 INDUSTRIAL PARK RD**				**NAICS Code**	**33231**
MANGANESE	N	0	3	3	0	0	3	0	0	0	0	0	36,832
Total for HIRSCHFELD INDUSTRIES BRIDGE, LLC		**0**	**3**	**3**	**0**	**0**	**3**	**0**	**0**	**0**	**0**	**0**	**36,832**
WASHINGTON	**MXI ENVIRONMENTAL SERVICES, LLC**							**26319 OLD TRAIL RD (ST RTE 679)**				**NAICS Code**	**56211**

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METHANOL	N	501	0	501	0	0	501	0	0	0	0	0	0
Total for MXI ENVIRONMENTAL SERVICES, LLC		**501**	**0**	**501**	**0**	**0**	**501**	**0**	**0**	**0**	**0**	**0**	**0**
WASHINGTON	**SANDVIK MINING & CONSTRUCTION CO**							**15020 IND US TRIAL PARK RD**				**NAICS Code**	**33299**
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	60,940
Total for SANDVIK MINING & CONSTRUCTION CO		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**60,940**
WASHINGTON	**STRONGWELL CORP HIGHLANDS DIV**							**26770 NEWBANKS RD**				**NAICS Code**	**32619**
ANTIMONY COMPOUNDS	N	0	25	25	0	0	25	0	0	0	0	0	0
STYRENE	N	19,020	0	19,020	0	0	19,020	0	0	0	0	0	370
Total for STRONGWELL CORP HIGHLANDS DIV		**19,020**	**25**	**19,045**	**0**	**0**	**19,045**	**0**	**0**	**0**	**0**	**0**	**370**
WASHINGTON	**STRONGWELL CORPORATION-BRISTOL**							**400 COMMONWEALTH AVE.**				**NAICS Code**	**32619**
ANTIMONY	N	0	250	250	0	0	250	0	0	0	0	0	0
STYRENE	N	32,175	0	32,175	0	0	32,175	0	0	0	0	0	3,614
Total for Strongwell Corporation-Bristol		**32,175**	**250**	**32,425**	**0**	**0**	**32,425**	**0**	**0**	**0**	**0**	**0**	**3,614**
WASHINGTON	**ZENITH FUEL SYSTEMS LLC**							**14570 INDUSTRIAL PARK RD**				**NAICS Code**	**33631**
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	174
Total for ZENITH FUEL SYSTEMS LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**174**
Total for Above County : (16 reports)		**70,368**	**44,632**	**115,000**	**0**	**86**	**115,086**	**0**	**0**	**0**	**0**	**0**	**353,091**
WESTMORELAND	**CARRY-ON TRAILER CORP**							**159 INDUSTRIAL PARK RD**				**NAICS Code**	**33621**
1,2,4-TRIMETHYLBENZENE	N	0	8,100	8,100	0	0	8,100	0	0	7,949	7,949	0	929
CERTAIN GLYCOL ETHERS	N	0	12,602	12,602	0	0	12,602	0	0	13,605	13,605	0	1,709
MANGANESE	N	102	0	102	0	0	102	0	0	0	0	0	1,265
NICKEL	N	4	0	4	0	0	4	0	0	0	0	0	287

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Total for CARRY-ON TRAILER CORP		**106**	**20,702**	**20,808**	**0**	**0**	**20,808**	**0**	**0**	**21,554**	**21,554**	**0**	**4,190**
WESTMORELAND	**POTOMAC SUPPLY LLC**							**1398 KINSALE RD**				**NAICS Code**	**32111**
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
METHANOL	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 : (6 reports)		**106**	**20,702**	**20,808**	**0**	**0**	**20,808**	**0**	**0**	**21,554**	**21,554**	**0**	**4,190**
WINCHESTER (CITY)	**O'SULLIVAN FILMS INC**							**1944 VALLEY AVE**				**NAICS Code**	**32611**
ANTIMONY COMPOUNDS	N	10	54	64	56	0	119	0	0	0	0	7	63
BARIUM COMPOUNDS	N	4	25	30	8	0	38	0	0	0	0	11	879
DI(2-ETHYLHEXYL) PHTHALATE	N	40	225	265	0	0	265	0	0	0	0	0	0
ETHYLBENZENE	N	0	206	206	0	0	206	0	0	0	0	0	1,185
METHYL ISOBUTYL KETONE	N	0	2,065	2,065	0	0	2,065	0	4,732	0	4,732	0	16,742
N,N-DIMETHYLFORMAMIDE	N	0	3,268	3,268	0	0	3,268	0	117	0	117	0	17,449
N-METHYL-2-PYRROLIDONE	N	596	11,333	11,929	0	0	11,929	0	0	0	0	0	1,998
TOLUENE	N	0	7,502	7,502	0	0	7,502	0	1,075	0	1,075	0	40,288
XYLENE (MIXED ISOMERS)	N	0	1,043	1,043	0	0	1,043	0	631	0	631	0	5,991
ZINC COMPOUNDS	N	10	56	66	27	0	93	0	0	0	0	24	573
Total for O'SULLIVAN FILMS INC		**660**	**25,778**	**26,438**	**91**	**0**	**26,529**	**0**	**6,555**	**0**	**6,555**	**41**	**85,169**
Total for Above County : (10 reports)		**660**	**25,778**	**26,438**	**91**	**0**	**26,529**	**0**	**6,555**	**0**	**6,555**	**41**	**85,169**
WISE	**VIRGINIA CITY HYBRID ENERGY CENTER**							**3425 RUSSELL CREEK RD**				**NAICS Code**	**22111**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	N	0	72,500	72,500	0	0	72,500	0	0	0	0	0	0

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*** BAE SYSTEMS, ORDINANCE SYSTEMS INC. AND RADFORD ARMY AMMUNITION ARE THE SAME FACILITY, REPORTING UNDER TWO SEPERATE IDS; APPENDIX H INCLUDES BOTH SUBMISSIONS HOWEVER THE SUMMARY REPORT REFLECTS ONLY ONE SET OF DATA VALUES FOR TOTALS.

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)
ARSENIC COMPOUNDS	N	0	27	27	29,300	0	29,327	0	0	0	0	0	0
BARIUM COMPOUNDS	N	0	191	191	277,000	0	277,191	0	0	0	0	0	0
CHROMIUM COMPOUNDS (EXCEPT	N	0	45	45	50,900	0	50,945	0	0	0	0	0	0
COPPER COMPOUNDS	N	0	55	55	56,500	0	56,555	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	23,300	23,300	0	0	23,300	0	0	2,120,000	2,120,000	0	0
HYDROGEN FLUORIDE	N	0	719	719	0	0	719	0	0	265,000	265,000	0	0
MANGANESE COMPOUNDS	N	0	1,860	1,860	93,700	0	95,560	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	67	67	50,200	0	50,267	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	1,030	1,030	0	0	1,030	0	0	777,000	777,000	0	0
VANADIUM COMPOUNDS	N	0	1	1	107,000	0	107,001	0	0	0	0	0	0
ZINC COMPOUNDS	N	0	472	472	67,600	0	68,072	0	0	0	0	0	0
Total for VIRGINIA CITY HYBRID ENERGY CENTE		**0**	**100,267**	**100,267**	**732,200**	**0**	**832,467**	**0**	**0**	**3,162,000**	**3,162,000**	**0**	**0**
Total for Above County : (15 reports)		**0**	**100,267**	**100,267**	**732,200**	**0**	**832,467**	**0**	**0**	**3,162,000**	**3,162,000**	**0**	**0**
WYTHE	**HUTCHINSON SEALING SYSTEMS INC**							**1150 S THIRD ST**				**NAICS Code**	**32629**
ZINC COMPOUNDS	N	39	1,189	1,228	0	0	1,228	0	0	0	0	0	23,826
Total for HUTCHINSON SEALING SYSTEMS INC		**39**	**1,189**	**1,228**	**0**	**0**	**1,228**	**0**	**0**	**0**	**0**	**0**	**23,826**
Total for Above County : (1 record)		**39**	**1,189**	**1,228**	**0**	**0**	**1,228**	**0**	**0**	**0**	**0**	**0**	**23,826**
YORK	**DOMINION RESOURCES INC YORKTOWN POWER STATION**							**1600 WATERVIEW RD**				**NAICS Code**	**22111**
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	135,000	135,000	0	0	135,000	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)
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	47,700	47,700	0	0	47,700	0	0	148,000	148,000	0	0
VANADIUM COMPOUNDS	N	0	687	687	6,630	0	7,317	0	0	0	0	0	17,200
Total for DOMINION RESOURCES INC YORKTOW		**0**	**183,387**	**183,387**	**6,630**	**0**	**190,017**	**0**	**0**	**148,000**	**148,000**	**0**	**17,200**
YORK	**EATON CORPORATION - WILLIAMSBURG MANUFACTURING**							**149 WARWICK COURT**				**NAICS Code**	**33599**
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	21,000
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	14,000
Total for EATON CORPORATION - WILLIAMSBUR		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**35,000**
YORK	**PLAINS MARKETING LP YORKTOWN**							**2201 GOODWIN NECK RD**				**NAICS Code**	**42471**
1,2,4-TRIMETHYLBENZENE	N	4,100	400	4,500	290	0	4,790	0	0	0	0	0	1,108
BENZENE	N	7,100	9,900	17,000	310	4	17,314	0	0	0	0	47	292
ETHYLBENZENE	N	4,700	700	5,400	180	0	5,580	0	0	0	0	7	1,090
NAPHTHALENE	N	1,000	0	1,000	120	7	1,127	0	0	0	0	0	911
N-HEXANE	N	6,700	9,800	16,500	320	0	16,820	0	0	0	0	0	1,296
TOLUENE	N	17,000	8,400	25,400	830	6	26,236	0	0	0	0	170	3,841
XYLENE (MIXED ISOMERS)	N	23,000	3,100	26,100	830	7	26,937	0	0	0	0	270	4,481
Total for PLAINS MARKETING LP YORKTOWN		**63,600**	**32,300**	**95,900**	**2,880**	**24**	**98,804**	**0**	**0**	**0**	**0**	**494**	**13,019**
YORK	**US NAVY DEFENSE FUEL SUPPORT POINT YORKTOWN FUELS**							**YORKTOWN FUEL TERMINAL**				**NAICS Code**	**92811**
NAPHTHALENE	N	10	137	147	0	0	147	0	0	0	0	0	0
Total for US NAVY DEFENSE FUEL SUPPORT POI		**10**	**137**	**147**	**0**	**0**	**147**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (16 reports)		**63,610**	**215,824**	**279,434**	**9,510**	**24**	**288,968**	**0**	**0**	**148,000**	**148,000**	**494**	**65,219**

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Appendix G - 2015 Summary of Facilities, Chemical Releases, Transfers, and Management (PBT)

Appendix G: 2015 Summary of Facilities, Chemical Releases, Transfers, and Management (PBT)
Alphabetical Listing by Facility
Within Each County/Independent City

2015 Toxics Release Inventory

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**	**31161**
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	**TYSON FARMS INC-TEMPERANCEVILLE**							**11224 LANKFORD HWY**				**NAICS Code**	**31161**
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 TYSON FARMS INC-TEMPERANCEVILL		**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**	**92711**
LEAD COMPOUNDS	N	0	66	66	0	0	66	0	0	0	0	0	788
Total for U.S. NASA GSFC WALLOPS FLIGHT F		**0**	**66**	**66**	**0**	**0**	**66**	**0**	**0**	**0**	**0**	**0**	**788**
Total for Above County : (5 records)		**0**	**66**	**66**	**0**	**0**	**66**	**0**	**0**	**0**	**0**	**0**	**788**
ALBEMARLE	**GE INTELLIGENT PLATFORMS**							**2500 AUSTIN DRIVE**				**NAICS Code**	**33451**
LEAD	N	0	1	1	0	0	1	0	0	0	0	0	1,308
Total for GE INTELLIGENT PLATFORMS		**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**1,308**
ALBEMARLE	**S.L. WILLIAMSON CO. INC. SHOP**							**1230 RIVER ROAD**				**NAICS Code**	**32412**
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 : (2 records)		**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**1,308**
AMHERST	**GREIF PACKAGING LLC**							**861 FIBRE PLANT RD**				**NAICS Code**	**32211**
DIOXIN AND DIOXIN-LIKE COMPO	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)
LEAD	N	0	5	5	0	0	5	0	0	0	0	0	0
Total for GREIF PACKAGING LLC		**0**	**5**	**5**	**0**	**0**	**5**	**0**	**0**	**0**	**0**	**0**	**0**
AMHERST	**LYNCHBURG STEEL CO LLC**							**275 FRANCIS AVE**				**NAICS Code**	**33231**
LEAD	N	0	0	0	0	1	1	0	0	0	0	0	0
Total for LYNCHBURG STEEL CO LLC		**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (3 records)		**0**	**5**	**5**	**0**	**1**	**6**	**0**	**0**	**0**	**0**	**0**	**0**
ARLINGTON	**US ARMY JOINT BASE MYER-HENDERSON HALL FIRING RANGE (PA**							**204 LEE AVE**				**NAICS Code**	**92811**
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 ROAD**				**NAICS Code**	**32732**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for Virginia Concrete Shirlington Plant		**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**
AUGUSTA	**BALL ADVANCED ALUMINUM TECHNOLOGIES CORP**							**56 DUNSMORE RD**				**NAICS Code**	**33131**
LEAD	N	0	4	4	0	0	4	0	0	0	0	0	102
Total for BALL ADVANCED ALUMINUM TECHNO		**0**	**4**	**4**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**102**
AUGUSTA	**CERRO FABRICATED PRODUCTS INC**							**300 TRIANGLE DR**				**NAICS Code**	**33272**
LEAD	N	0	0	0	0	0	0	0	0	0	0	1	0
Total for CERRO FABRICATED PRODUCTS INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**
AUGUSTA	**FLINT GROUP NA CORP**							**106 TRIANGLE DR**				**NAICS Code**	**32591**
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**	**33211**
LEAD	N	0	0	0	0	1	1	0	0	0	0	1	863

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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 NIBCO OF VIRGINIA INC.		**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**1**	**863**
AUGUSTA	**TAYLOR & BOODY INC.**							**8 HEWITT RD**				**NAICS Code**	**33999**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TAYLOR & BOODY INC.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (5 records)		**0**	**4**	**4**	**0**	**1**	**5**	**0**	**0**	**0**	**0**	**2**	**965**
BEDFORD	**GEORGIA-PACIFIC BIG ISLAND MILL**							**9363 LEE-JACKSON HWY**				**NAICS Code**	**32212**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	50	50	0	129	969	0	0	0	0	0	0
Total for GEORGIA-PACIFIC BIG ISLAND MILL		**0**	**50**	**50**	**0**	**129**	**969**	**0**	**0**	**0**	**0**	**0**	**0**
BEDFORD	**WHEELABRATOR ABRASIVES INC**							**1 ABRASIVE AVE**				**NAICS Code**	**32791**
LEAD	N	0	0	0	0	0	355	0	0	0	0	0	50,790
Total for WHEELABRATOR ABRASIVES INC		**0**	**0**	**0**	**0**	**0**	**355**	**0**	**0**	**0**	**0**	**0**	**50,790**
Total for Above County : (3 records)		**0**	**50**	**50**	**0**	**129**	**1,324**	**0**	**0**	**0**	**0**	**0**	**50,790**
BOTETOURT	**METALSA ROANOKE INC.**							**184 VISTA DR**				**NAICS Code**	**33639**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	39
Total for METALSA ROANOKE INC.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**39**
BOTETOURT	**ROANOKE CEMENT CO LLC**							**6071 CATAWBA RD**				**NAICS Code**	**32731**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	3	36	39	0	0	263	0	0	0	0	0	0
MERCURY COMPOUNDS	N	0	73	73	0	0	73	0	0	0	0	0	0
Total for ROANOKE CEMENT CO LLC		**3**	**109**	**112**	**0**	**0**	**336**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (4 records)		**3**	**109**	**112**	**0**	**0**	**336**	**0**	**0**	**0**	**0**	**0**	**39**
BRISTOL (CITY)	**ASSOCIATED ASPHALT BRISTOL, LLC**							**10 SPURGEON LANE**				**NAICS Code**	**42471**
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

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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 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**	**33111**
LEAD COMPOUNDS	N	0	3,534	3,534	0	0	3,534	0	0	0	0	0	0
MERCURY COMPOUNDS	N	0	106	106	0	0	106	0	0	0	0	0	0
Total for JEWELL COKE CO LP		**0**	**3,640**	**3,640**	**0**	**0**	**3,640**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 records)		**0**	**3,640**	**3,640**	**0**	**0**	**3,640**	**0**	**0**	**0**	**0**	**0**	**0**
BUCKINGHAM	**BEAR GARDEN GENERATING STATION**							**2608 C.G. WOODSON ROAD**				**NAICS Code**	**22111**
POLYCYCLIC AROMATIC COMPOU	N	0	1	1	0	0	1	0	0	0	0	0	0
Total for BEAR GARDEN GENERATING STATIO		**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
BUCKINGHAM	**KYANITE MINING CORP MULLITE PLANT**							**5836 BUFFALO ROAD**				**NAICS Code**	**21232**
LEAD	N	0	83	83	0	0	83	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	23	0	23	0	0	23	0	0	0	0	0	0
Total for KYANITE MINING CORP MULLITE PLA		**23**	**83**	**107**	**0**	**0**	**107**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (3 records)		**23**	**84**	**107**	**0**	**0**	**107**	**0**	**0**	**0**	**0**	**0**	**0**
BUENA VISTA (CITY)	**EVERBRITE LLC**							**627 E 30TH ST**				**NAICS Code**	**33995**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	209
Total for EVERBRITE LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**209**
Total for Above County : (1 record)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**209**
CAMPBELL	**BANKER STEEL COMPANY, LLC**							**351 RANGOON ROAD**				**NAICS Code**	**33231**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	3,169
Total for BANKER STEEL COMPANY, LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3,169**
CAMPBELL	**BWXT NUCLEAR OPERATIONS GROUP, INC.**							**1570 MOUNT ATHOS RD**				**NAICS Code**	**33241**
LEAD COMPOUNDS	N	0	0	0	6,298	2	6,300	0	0	0	0	0	3
Total for BWXT NUCLEAR OPERATIONS GROU		**0**	**0**	**0**	**6,298**	**2**	**6,300**	**0**	**0**	**0**	**0**	**0**	**3**

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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)
CAMPBELL	**GEORGIA-PACIFIC WOOD PRODUCTS LLC - BROOKNEAL OSB**							**11795 BROOKNEAL HIGHWAY**				**NAICS Code**	**32121**
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	50
Total for GEORGIA-PACIFIC WOOD PRODUCTS		**0**	**5**	**5**	**0**	**0**	**5**	**0**	**0**	**0**	**0**	**0**	**50**
CAMPBELL	**SCHRADER-BRIDGEPORT INTERNATIONAL**							**205 FRAZIER RD**				**NAICS Code**	**33639**
LEAD	N	0	0	0	0	0	0	0	0	0	0	2	64,674
Total for SCHRADER-BRIDGEPORT INTERNATI		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**64,674**
Total for Above County : (5 records)		**0**	**5**	**5**	**6,298**	**2**	**6,304**	**0**	**0**	**0**	**0**	**2**	**67,897**
CAROLINE	**ANCHOR AN OLDCASTLE CO**							**16326 IND US TRIAL DR**				**NAICS Code**	**32799**
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**	**22111**
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 RANGES (PART)**							**19952 N RANGE RD**				**NAICS Code**	**92811**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for US ARMY FORT AP HILL RANGES (PA		**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**
CARROLL	**VAUGHAN-BASSETT FURNITURE CO. GALAX**							**300 E GRAYSON ST**				**NAICS Code**	**33712**
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**	**32111**
LEAD COMPOUNDS	N	0	9	9	304	0	313	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 MORGAN LUMBER COMPANY, INC.		**0**	**9**	**9**	**304**	**0**	**313**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (1 record)		**0**	**9**	**9**	**304**	**0**	**313**	**0**	**0**	**0**	**0**	**0**	**0**
CHESAPEAKE (CITY)	**CONCRETE PIPE & PRECAST LLC CHESAPEAKE PLANT**							**3801 COOK BLVD**				**NAICS Code**	**32733**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for CONCRETE PIPE & PRECAST LLC CH		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CHESAPEAKE (CITY)	**SAFETY-KLEEN SYSTEMS CHESAPEAKE (CPK)**							**4545 BAINBRIDGE BLVD**				**NAICS Code**	**56211**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	248
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	693
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	1,803
Total for SAFETY-KLEEN SYSTEMS CHESAPEA		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2,744**
CHESAPEAKE (CITY)	**US/NAVY NAVAL SUPPORT ACTIVITY NORTHWEST ANNEX RANGE**							**1320 NW BLVD SUITE 100**				**NAICS Code**	**92811**
LEAD	N	0	0	0	0	0	12,677	0	0	0	0	0	0
Total for US/NAVY NAVAL SUPPORT ACTIVITY		**0**	**0**	**0**	**0**	**0**	**12,677**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (5 records)		**0**	**0**	**0**	**0**	**0**	**12,677**	**0**	**0**	**0**	**0**	**0**	**2,744**
CHESTERFIELD	**ALERIS ROLLED PRODUCTS INC**							**1701 REYMET RD**				**NAICS Code**	**33131**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	7
Total for ALERIS ROLLED PRODUCTS INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7**
CHESTERFIELD	**ARGOS WARBORO RD CONCRETE PLANT**							**3636 WARBRO RD**				**NAICS Code**	**32732**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for ARGOS WARBORO RD CONCRETE PL		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CHESTERFIELD	**CHESTERFIELD POWER STATION**							**500 COXENDALE RD**				**NAICS Code**	**22111**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	1	1	0	0	1	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	214	214	0	46	39,584	0	0	0	0	0	0
MERCURY COMPOUNDS	N	0	57	57	0	0	544	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	0	4	4	0	0	4	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 CHESTERFIELD POWER STATION		**0**	**275**	**275**	**0**	**46**	**40,133**	**0**	**0**	**0**	**0**	**0**	**0**
CHESTERFIELD	**DUPONT SPRUANCE PLANT**							**U.S. HWY 1 AT COGBILL RD**				**NAICS Code**	**32522**
POLYCYCLIC AROMATIC COMPOU	N	22	0	22	0	0	222	0	0	0	0	0	248
Total for DUPONT SPRUANCE PLANT		**22**	**0**	**22**	**0**	**0**	**222**	**0**	**0**	**0**	**0**	**0**	**248**
CHESTERFIELD	**KAISER ALUMINUM FABRICATED PRODUCTS LLC**							**1901 REYMET RD**				**NAICS Code**	**33131**
LEAD	N	0	0	0	0	0	0	0	0	0	0	2	1,771
Total for KAISER ALUMINUM FABRICATED PRO		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**1,771**
CHESTERFIELD	**MECHANICSVILLE CONCRETE LLC-CHESTERFIELD PLANT**							**3501 WARBRO ROAD**				**NAICS Code**	**32732**
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**	**56211**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	199
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	558
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	1,447
Total for SAFETY-KLEEN SYSTEMS CHESTER (		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2,204**
Total for Above County : (12 records)		**22**	**276**	**298**	**0**	**46**	**40,355**	**0**	**0**	**0**	**0**	**2**	**4,230**
COVINGTON (CITY)	**WESTROCK VIRGINIA CORPORATION (PART)**							**104 E. RIVERSIDE STREET**				**NAICS Code**	**32213**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
DIOXIN AND DIOXIN-LIKE COMPO	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
MERCURY 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 WESTROCK VIRGINIA CORPORATION		**0**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (5 records)		**0**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
CULPEPER	**BINGHAM & TAYLOR**							**601 NALLE PL**				**NAICS Code**	**33151**

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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	35	35	0	0	35	0	0	0	0	0	518
Total for BINGHAM & TAYLOR		**0**	**35**	**35**	**0**	**0**	**35**	**0**	**0**	**0**	**0**	**0**	**518**
CULPEPER	**TE CONNECTIVITY**							**751 OLD BRANDY RD**				**NAICS Code**	**33149**
LEAD	N	0	2	2	0	0	2	0	0	0	0	0	803
Total for TE CONNECTIVITY		**0**	**2**	**2**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**803**
Total for Above County : (2 records)		**0**	**36**	**36**	**0**	**0**	**36**	**0**	**0**	**0**	**0**	**0**	**1,321**
DANVILLE (CITY)	**EIT SOUTH**							**350 SLAYTON AVENUE**				**NAICS Code**	**33411**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	35
Total for EIT SOUTH		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**35**
DANVILLE (CITY)	**THE GOODYEAR TIRE & RUBBER CO.**							**1901 GOODYEAR BLVD**				**NAICS Code**	**32621**
LEAD COMPOUNDS	N	0	3	3	0	0	3	0	0	0	0	28	243
POLYCYCLIC AROMATIC COMPOU	N	0	5	5	0	0	5	0	0	0	0	0	492
Total for THE GOODYEAR TIRE & RUBBER CO.		**0**	**8**	**8**	**0**	**0**	**8**	**0**	**0**	**0**	**0**	**28**	**736**
Total for Above County : (3 records)		**0**	**8**	**8**	**0**	**0**	**8**	**0**	**0**	**0**	**0**	**28**	**771**
DINWIDDIE	**CHAPARRAL (VA) INC**							**25801 HOFHEIMER WAY**				**NAICS Code**	**33111**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	1	1	0	0	1	0	0	0	0	0	0
LEAD COMPOUNDS	N	384	8	392	0	8	400	0	0	0	0	0	282,488
MERCURY COMPOUNDS	N	0	154	154	0	0	154	0	0	0	0	0	86
Total for CHAPARRAL (VA) INC		**384**	**163**	**547**	**0**	**8**	**555**	**0**	**0**	**0**	**0**	**0**	**282,574**
DINWIDDIE	**MECHANICSVILLE CONCRETE LLC-PETERSBURG PLANT**							**26317 SIMPSON RD**				**NAICS Code**	**32732**
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**	**56292**
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**

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Total for Above County : (5 records)		**384**	**163**	**547**	**0**	**8**	**555**	**0**	**0**	**0**	**0**	**0**	**282,574**
FAIRFAX	**BREN MAR**							**6315 BREN MAR DR**				**NAICS Code**	**92212**
LEAD	N	0	0	0	0	0	650	0	0	0	0	0	650
Total for BREN MAR		**0**	**0**	**0**	**0**	**0**	**650**	**0**	**0**	**0**	**0**	**0**	**650**
FAIRFAX	**FORUM ENERGY TECHNOLOGIES-SYNTECH**							**7371 LOCKPORT PL**				**NAICS Code**	**42461**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for FORUM ENERGY TECHNOLOGIES-SY		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FAIRFAX	**NEWINGTON CONCRETE PLANT**							**8413 TERMINAL RD**				**NAICS Code**	**32732**
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**
FAIRFAX	**TITAN VIRGINIA READY-MIX LLC-CENTREVILLE PLANT**							**15718 LEE HIGHWAY**				**NAICS Code**	**32732**
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**	**32732**
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 CENTREVILLE PLANT**							**15717 LEE HWY**				**NAICS Code**	**32732**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VIRGINIA CONCRETE CENTREVILLE P		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FAIRFAX	**VIRGINIA CONCRETE EDSALL ROAD PLANT**							**5412 IND US TRIAL DR**				**NAICS Code**	**32732**
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 : (7 records)		**0**	**0**	**0**	**0**	**0**	**650**	**0**	**0**	**0**	**0**	**0**	**650**
FAIRFAX (CITY)	**MOTIVA FAIRFAX TERMINAL**							**3800 PICKETT RD**				**NAICS Code**	**42471**

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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)
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	1
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**	**1**
Total for Above County : (3 records)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
FALLS CHURCH (CITY)	**VIRGINIA CONCRETE FALLS CHURCH PLANT**							**7103 GORDON RD**				**NAICS Code**	**32732**
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**	**32599**
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	**DOMINION REMINGTON POWER STATION**							**12025 LUCKY HILL ROAD**				**NAICS Code**	**22111**
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for DOMINION REMINGTON POWER STAT		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FAUQUIER	**OLD DOMINION ELECTRIC CO-OP MARSH RUN GENERATION FACIL**							**12109 LUCKY HILL RD**				**NAICS Code**	**22111**
POLYCYCLIC AROMATIC COMPOU	N	0	26	26	0	0	26	0	0	0	0	0	0
Total for OLD DOMINION ELECTRIC CO-OP MA		**0**	**26**	**26**	**0**	**0**	**26**	**0**	**0**	**0**	**0**	**0**	**0**
FAUQUIER	**US DOD WARRENTON TRAINING CENTER STATION B RANGE**							**7471 BEAR WALLOW RD**				**NAICS Code**	**92811**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	6,144
Total for US DOD WARRENTON TRAINING CEN		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6,144**
FAUQUIER	**US DOD WARRENTON TRAINING CENTER STATION C RANGE**							**7248 SUMERDUCK RD**				**NAICS Code**	**92811**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	2,748
Total for US DOD WARRENTON TRAINING CEN		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2,748**
Total for Above County : (5 records)		**0**	**26**	**26**	**0**	**0**	**26**	**0**	**0**	**0**	**0**	**0**	**8,907**

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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)
FREDERICK	**TITAN VIRGINIA READY-MIX LLC-CLEAR BROOK PLANT**							**1383 BRUCETOWN ROAD**				**NAICS Code**	**32732**
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**
Total for Above County : (1 record)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GALAX (CITY)	**CONSOLIDATED GLASS & MIRROR**							**110 JACK GUYNN DR**				**NAICS Code**	**32721**
LEAD	N	0	0	0	0	0	0	0	0	0	0	1	232
Total for CONSOLIDATED GLASS & MIRROR		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**232**
GALAX (CITY)	**WEBB ENTERPRISES LLC AMERICAN MIRROR**							**602 E STUART DR**				**NAICS Code**	**32721**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
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**	**1**	**232**
GILES	**AMERICAN ELECTRIC POWER GLEN LYN PLANT**							**RTE 460**				**NAICS Code**	**22111**
LEAD COMPOUNDS	N	5	2	7	0	9	32	0	0	0	0	0	372
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for AMERICAN ELECTRIC POWER GLEN L		**5**	**2**	**7**	**0**	**9**	**32**	**0**	**0**	**0**	**0**	**0**	**372**
GILES	**CELANESE ACETATE LLC - CELCO P LANT**							**3520 VIRGINIA AVE**				**NAICS Code**	**32522**
LEAD	N	0	7	7	0	1	435	0	0	0	0	0	0
MERCURY	N	0	7	7	0	0	7	0	0	0	0	0	28
POLYCHLORINATED BIPHENYLS	N	0	0	0	0	0	0	0	0	0	0	0	161
Total for CELANESE ACETATE LLC - CELCO P L		**0**	**14**	**14**	**0**	**1**	**442**	**0**	**0**	**0**	**0**	**0**	**190**
GILES	**LHOIST NA OF VIRGINIA INC KIMBALLTON AREA 1**							**2093 BIG STONY CREEK RD**				**NAICS Code**	**32741**
LEAD COMPOUNDS	N	0	1	1	0	0	616	0	0	0	0	0	0
MERCURY	N	0	5	5	0	0	28	0	0	0	0	0	0
Total for LHOIST NA OF VIRGINIA INC KIMBALL		**0**	**6**	**6**	**0**	**0**	**644**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (7 records)		**5**	**22**	**27**	**0**	**9**	**1,118**	**0**	**0**	**0**	**0**	**0**	**562**

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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)
GREENSVILLE	**GEORGIA PACIFIC WOOD PRODUCTS LLC EMPORIA PLYWOOD**							**634 DAVIS ST**				**NAICS Code**	**32121**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	266	266	0	0	266	0	0	0	0	0	47
Total for GEORGIA PACIFIC WOOD PRODUCT		**0**	**266**	**266**	**0**	**0**	**266**	**0**	**0**	**0**	**0**	**0**	**47**
GREENSVILLE	**STEELFAB OF VIRGINIA INC**							**1510 REESE ST**				**NAICS Code**	**33231**
LEAD	N	10	1	11	0	9	19	0	0	0	0	0	2,206
Total for STEELFAB OF VIRGINIA INC		**10**	**1**	**11**	**0**	**9**	**19**	**0**	**0**	**0**	**0**	**0**	**2,206**
Total for Above County : (3 records)		**10**	**267**	**277**	**0**	**9**	**285**	**0**	**0**	**0**	**0**	**0**	**2,253**
HALIFAX	**CLOVER POWER STATION**							**4091 CLOVER RD**				**NAICS Code**	**22111**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	18	18	0	12	27,430	0	0	0	0	0	6,890
MERCURY COMPOUNDS	N	0	2	2	0	1	338	0	0	0	0	0	84
Total for CLOVER POWER STATION		**0**	**21**	**21**	**0**	**13**	**27,768**	**0**	**0**	**0**	**0**	**0**	**6,975**
HALIFAX	**HUBER ENGINEERED WOODS LLC**							**1000 CHANEY LN**				**NAICS Code**	**32121**
LEAD COMPOUNDS	N	0	281	281	0	0	347	0	0	0	0	0	66
Total for HUBER ENGINEERED WOODS LLC		**0**	**281**	**281**	**0**	**0**	**347**	**0**	**0**	**0**	**0**	**0**	**66**
Total for Above County : (4 records)		**0**	**302**	**302**	**0**	**13**	**28,115**	**0**	**0**	**0**	**0**	**0**	**7,041**
HAMPTON (CITY)	**BRANSCOME-HAMPTON**							**1922 W PEMBROKE AVE**				**NAICS Code**	**32412**
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**	**32733**
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	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 CONCRETE PIPE & PRECAST LLC-AS			**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**	**32733**
	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**	**33281**
	LEAD	N	12	0	12	0	1	13	0	0	0	0	0	3,034
Total for SOUTH ATLANTIC GALVANIZING LLC			**12**	**0**	**12**	**0**	**1**	**13**	**0**	**0**	**0**	**0**	**0**	**3,034**
Total for Above County : (3 records)			**12**	**0**	**12**	**0**	**1**	**13**	**0**	**0**	**0**	**0**	**0**	**3,034**
HARRISONBURG (CITY)	**TENNECO WALKER MANUFACTURING CO**								**3160 ABBOTT LN**				**NAICS Code**	**33639**
	LEAD	N	0	0	0	0	0	0	0	0	0	0	0	15
Total for TENNECO WALKER MANUFACTURING			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**15**
Total for Above County : (1 record)			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**15**
HENRICO	**ARGOS READY MIX BRYAN PARK CONCRETE PLANT**								**4607 RACRETE RD**				**NAICS Code**	**32732**
	LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for ARGOS READY MIX BRYAN PARK CO			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
HENRICO	**MECHANICSVILLE CONCRETE LLC-AIRPORT PLANT (OAKLEYS LA**								**4481 OAKLEYS LANE**				**NAICS Code**	**32732**
	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**
HENRICO	**READY MIXED CONCRETE CO**								**4608 RACRETE RD**				**NAICS Code**	**32732**
	LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for READY MIXED CONCRETE CO			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
HENRICO	**STANDEX ENGRAVING LLC**								**5901 LEWIS RD**				**NAICS Code**	**32311**
	LEAD	N	0	0	0	0	0	0	0	0	0	0	0	628
Total for STANDEX ENGRAVING LLC			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**628**

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Total for Above County : (4 records)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**628**
HENRY	**PINC PRODUCTS INC**							**315 CARVER RD**				**NAICS Code**	**32111**
LEAD	N	0	914	914	0	0	914	0	0	0	0	0	0
Total for PINC PRODUCTS INC		**0**	**914**	**914**	**0**	**0**	**914**	**0**	**0**	**0**	**0**	**0**	**0**
HENRY	**RTI MARTINSVILLE INC**							**101 RTI WAY**				**NAICS Code**	**33211**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	1
Total for RTI MARTINSVILLE INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
HENRY	**VIRGINIA MIRROR CO INC**							**300 S MOSS ST**				**NAICS Code**	**32721**
LEAD COMPOUNDS	N	1	0	1	0	0	1	0	0	0	0	0	127
Total for VIRGINIA MIRROR CO INC		**1**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**127**
Total for Above County : (3 records)		**1**	**914**	**915**	**0**	**0**	**915**	**0**	**0**	**0**	**0**	**0**	**128**
HOPEWELL (CITY)	**ASSOCIATED ASPHALT HOPEWELL LLC**							**410 WATER ST**				**NAICS Code**	**42471**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	1	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	0	4	4	0	0	94	0	0	0	0	0	0
Total for ASSOCIATED ASPHALT HOPEWELL L		**0**	**4**	**4**	**0**	**0**	**95**	**0**	**0**	**0**	**0**	**0**	**0**
HOPEWELL (CITY)	**HONEYWELL INTERNATIONAL INC HOPEWELL PLANT**							**905 E RANDOLPH RD**				**NAICS Code**	**32519**
POLYCYCLIC AROMATIC COMPOU	N	89	0	89	0	0	89	0	0	0	0	0	0
Total for HONEYWELL INTERNATIONAL INC HO		**89**	**0**	**89**	**0**	**0**	**89**	**0**	**0**	**0**	**0**	**0**	**0**
HOPEWELL (CITY)	**JAMES RIVER COGENERATION CO INC**							**912 E RANDOLPH RD**				**NAICS Code**	**22111**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY COMPOUNDS	N	0	101	101	0	0	101	0	0	0	0	0	0
Total for JAMES RIVER COGENERATION CO IN		**0**	**101**	**101**	**0**	**0**	**102**	**0**	**0**	**0**	**0**	**0**	**0**
HOPEWELL (CITY)	**WESTROCK CP, LLC**							**910 INDUSTRIAL ST**				**NAICS Code**	**32213**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	1

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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	27	27	0	0	27	0	0	0	0	0	930
POLYCYCLIC AROMATIC COMPOU	N	0	66	66	0	0	66	0	0	0	0	0	15
Total for WESTROCK CP, LLC		**0**	**94**	**94**	**0**	**0**	**94**	**0**	**0**	**0**	**0**	**0**	**946**
Total for Above County : (8 records)		**89**	**199**	**288**	**0**	**0**	**379**	**0**	**0**	**0**	**0**	**0**	**946**
ISLE OF WIGHT	**INTERNATIONAL PAPER FRANKLIN MILL**							**34040 UNION CAMP DR**				**NAICS Code**	**32211**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	1	1	0	2	3	0	0	0	0	0	6
LEAD COMPOUNDS	N	0	29	29	0	66	95	0	0	0	0	0	846
Total for INTERNATIONAL PAPER FRANKLIN MI		**0**	**30**	**30**	**0**	**68**	**98**	**0**	**0**	**0**	**0**	**0**	**852**
ISLE OF WIGHT	**ST TISSUE LLC**							**34050 UNION CAMP DR**				**NAICS Code**	**32212**
LEAD	N	0	1	1	0	0	1	0	0	0	0	0	65
Total for ST TISSUE LLC		**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**65**
Total for Above County : (3 records)		**0**	**31**	**31**	**0**	**68**	**99**	**0**	**0**	**0**	**0**	**0**	**917**
JAMES CITY	**ANHEUSER-BUSCH LLC**							**7801 POCAHONTAS TRAIL**				**NAICS Code**	**31212**
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for ANHEUSER-BUSCH LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
JAMES CITY	**BALL METAL BEVERAGE CONTAINER CORP**							**8935 POCAHONTAS TRAIL JAMES RIVER NO**				**NAICS Code**	**33243**
LEAD	N	0	0	0	0	0	0	0	0	0	0	4	4
Total for BALL METAL BEVERAGE CONTAINER		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**4**
JAMES CITY	**BRANSCOME-LEE HALL**							**9393 MERRIMAC TRAIL**				**NAICS Code**	**32412**
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**	**33281**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0

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LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	1	230
Total for GREYSTONE OF VIRGINIA INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**230**
JAMES CITY	**OWENS-BROCKWAY GLASS CONTAINER INC PLANT 26**							**150 INDUSTRIAL BLVD**				**NAICS Code**	**32721**
LEAD COMPOUNDS	N	0	28	28	0	0	28	0	10	0	10	0	1
Total for OWENS-BROCKWAY GLASS CONTAIN		**0**	**28**	**28**	**0**	**0**	**28**	**0**	**10**	**0**	**10**	**0**	**1**
Total for Above County : (8 records)		**1**	**29**	**30**	**0**	**0**	**30**	**0**	**10**	**0**	**10**	**5**	**234**
KING AND QUEEN	**ASB GREENWORLD, INC.**							**496 AIRPORT ROAD**				**NAICS Code**	**32531**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for ASB GREENWORLD, INC.		**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**
KING GEORGE	**BIRCHWOOD POWER FACILITY**							**10900 BIRCHWOOD DR**				**NAICS Code**	**22111**
LEAD COMPOUNDS	N	0	4	4	0	0	4	0	0	0	0	0	2,619
MERCURY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	1
Total for BIRCHWOOD POWER FACILITY		**0**	**4**	**4**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**2,620**
KING GEORGE	**KING GEORGE PLANT**							**13250 JAMES MADISON PARKWAY**				**NAICS Code**	**32732**
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**	**4**	**32**	**0**	**0**	**32**	**0**	**0**	**0**	**0**	**0**	**2,620**
KING WILLIAM	**WESTROCK CP, LLC**							**1901 MAIN ST**				**NAICS Code**	**32211**
BENZO(G,H,I)PERYLENE	N	0	3	3	0	0	3	0	0	0	0	0	3
DIOXIN AND DIOXIN-LIKE COMPO	N	0	1	1	0	1	2	0	0	0	0	0	1
LEAD COMPOUNDS	N	0	139	139	0	618	757	0	0	0	0	0	4,264
MERCURY COMPOUNDS	N	0	8	8	0	1	9	0	0	0	0	0	7
POLYCYCLIC AROMATIC COMPOU	N	0	231	231	0	0	231	0	0	0	0	0	37
Total for WESTROCK CP, LLC		**0**	**382**	**382**	**0**	**619**	**1,001**	**0**	**0**	**0**	**0**	**0**	**4,312**

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Total for Above County : (5 records)		**0**	**382**	**382**	**0**	**619**	**1,001**	**0**	**0**	**0**	**0**	**0**	**4,312**
LEE	**US PENITENTIARY LEE**							**LEE COUNTY IND US TRIAL PARK HICKOR**				**NAICS Code**	**92214**
LEAD COMPOUNDS	N	1	0	1	0	0	1,228	0	0	0	0	0	0
Total for US PENITENTIARY LEE		**1**	**0**	**1**	**0**	**0**	**1,228**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (1 record)		**1**	**0**	**1**	**0**	**0**	**1,228**	**0**	**0**	**0**	**0**	**0**	**0**
LOUDOUN	**CHANTILLY READY MIX CONCRETE**							**25232 WILLARD ROAD**				**NAICS Code**	**32732**
LEAD COMPOUNDS	N	0	0	0	0	0	4	0	0	0	0	0	4
Total for CHANTILLY READY MIX CONCRETE		**0**	**0**	**0**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**4**
LOUDOUN	**ELECTRONIC INSTRUMENTATION & TECHNOLOGY LLC**							**108 CARPENTER DR**				**NAICS Code**	**33441**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	175
Total for ELECTRONIC INSTRUMENTATION & T		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**175**
LOUDOUN	**GEA SYSTEMS DBA LLC (DBA LLC DOWTY PROPELLERS)**							**114 POWERS CT**				**NAICS Code**	**33641**
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	**TIITAN VIRGINIA READY-MIX LLC-STERLING PLANT**							**22963 CONCRETE PLAZA**				**NAICS Code**	**32732**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TIITAN VIRGINIA READY-MIX LLC-STE		**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**	**32732**
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	**US DHS MT WEATHER EOC**							**19844 BLUE RIDGE MOUNTAIN RD**				**NAICS Code**	**92219**
LEAD	N	6	0	6	0	0	6	0	0	0	0	0	6,105
Total for US DHS MT WEATHER EOC		**6**	**0**	**6**	**0**	**0**	**6**	**0**	**0**	**0**	**0**	**0**	**6,105**
LOUDOUN	**VIASYSTEMS TECHNOLOGIES CORP LLC**							**1200 SEVERN WAY**				**NAICS Code**	**33441**

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LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	58	6,614
Total for VIASYSTEMS TECHNOLOGIES CORP		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**58**	**6,614**
LOUDOUN	**VIRGINIA CONCRETE CO INC-CHANTILLY**							**25086 TANNER LN**				**NAICS Code**	**32732**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VIRGINIA CONCRETE CO INC-CHANTI		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
LOUDOUN	**VIRGINIA CONCRETE DULLES PLANT**							**44866 OLD OX ROAD**				**NAICS Code**	**32732**
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**							**659 BUILDERS LN**				**NAICS Code**	**32732**
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 : (10 records)		**6**	**0**	**6**	**0**	**0**	**10**	**0**	**0**	**0**	**0**	**58**	**12,898**
LOUISA	**DOMINION RESOURCES INC GORDONSVILLE POWER STATION**							**819 HILL RD**				**NAICS Code**	**22111**
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for DOMINION RESOURCES INC GORDON		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
LOUISA	**OLD DOMINION ELECTRIC CO-OP LOUISA GENERATION FACILITY**							**3352 KLOCKNER RD**				**NAICS Code**	**22111**
POLYCYCLIC AROMATIC COMPOU	N	0	19	19	0	0	19	0	0	0	0	0	0
Total for OLD DOMINION ELECTRIC CO-OP LOU		**0**	**19**	**19**	**0**	**0**	**19**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 records)		**0**	**19**	**19**	**0**	**0**	**19**	**0**	**0**	**0**	**0**	**0**	**0**
LYNCHBURG (CITY)	**BANKER STEEL COMPANY, LLC**							**1619 WYTHE RD**				**NAICS Code**	**33231**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	1,954
Total for BANKER STEEL COMPANY, LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,954**
LYNCHBURG (CITY)	**GRIFFIN PIPE PRODUCTS CO**							**10 ADAMS ST**				**NAICS Code**	**33151**
LEAD COMPOUNDS	N	7	950	957	0	6	963	0	0	0	0	74	44,923

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MERCURY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	17
Total for GRIFFIN PIPE PRODUCTS CO		**7**	**950**	**957**	**0**	**6**	**963**	**0**	**0**	**0**	**0**	**74**	**44,940**
LYNCHBURG (CITY)	**NORCRAFT COMPANIES**							**1 MILLRACE DR**				**NAICS Code**	**33711**
LEAD	N	328	0	328	0	0	328	0	0	0	0	0	0
Total for NORCRAFT COMPANIES		**328**	**0**	**328**	**0**	**0**	**328**	**0**	**0**	**0**	**0**	**0**	**0**
LYNCHBURG (CITY)	**PARKER HANNIFIN INTEGRATED SEALS DIV**							**3700 MAYFLOWER DR**				**NAICS Code**	**32629**
LEAD COMPOUNDS	N	0	409	409	0	0	409	0	0	0	0	0	0
Total for PARKER HANNIFIN INTEGRATED SEA		**0**	**409**	**409**	**0**	**0**	**409**	**0**	**0**	**0**	**0**	**0**	**0**
LYNCHBURG (CITY)	**ROCK-TENN CO**							**1801 CONCORD TURNPIKE**				**NAICS Code**	**32212**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for ROCK-TENN CO		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (6 records)		**335**	**1,360**	**1,694**	**0**	**6**	**1,700**	**0**	**0**	**0**	**0**	**74**	**46,894**
MECKLENBURG	**AMERICAN BUILDINGS COMPANY-LA CROSSE**							**501 GOLDEN EAGLE DR**				**NAICS Code**	**33231**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	373
Total for AMERICAN BUILDINGS COMPANY-LA		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**373**
MECKLENBURG	**MECKLENBURG POWER STATION**							**204 COGEN DR**				**NAICS Code**	**22111**
LEAD COMPOUNDS	N	0	12	12	0	3	15	0	0	0	0	0	25
MERCURY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for MECKLENBURG POWER STATION		**0**	**12**	**12**	**0**	**3**	**16**	**0**	**0**	**0**	**0**	**0**	**26**
Total for Above County : (3 records)		**0**	**12**	**12**	**0**	**3**	**16**	**0**	**0**	**0**	**0**	**0**	**399**
MONTGOMERY	**ALLIANT TECHSYSTEMS OPERATIONS LLC (NEW RIVER ENERGETI**							**RT 114 RADFORD ARMY AMMUNITION PLA**				**NAICS Code**	**32592**
LEAD COMPOUNDS	N	0	5	5	0	0	5	0	0	0	0	0	2
Total for ALLIANT TECHSYSTEMS OPERATION		**0**	**5**	**5**	**0**	**0**	**5**	**0**	**0**	**0**	**0**	**0**	**2**
MONTGOMERY	**BAE SYSTEMS, ORDNANCE SYSTEMS INC**							**RADFORD ARMY AMMUNITION PLANT 4050**				**NAICS Code**	**32592**

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DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	4,213	127	4,340	0	82	4,422	0	0	0	0	0	2,246
MERCURY	N	0	12	12	0	0	12	0	0	0	0	0	3
Total for BAE SYSTEMS, ORDNANCE SYSTEMS		**4,213**	**139**	**4,352**	**0**	**82**	**4,434**	**0**	**0**	**0**	**0**	**0**	**2,249**
MONTGOMERY	**FEDERAL-MOGUL CORP**							**300 INDUSTRIAL PARK RD SE**				**NAICS Code**	**33635**
LEAD	N	0	9	9	0	0	9	0	0	0	0	1	1,741
Total for FEDERAL-MOGUL CORP		**0**	**9**	**9**	**0**	**0**	**9**	**0**	**0**	**0**	**0**	**1**	**1,741**
MONTGOMERY	**MOOG INC.**							**1213 N MAIN ST**				**NAICS Code**	**33441**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	740
Total for MOOG INC.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**740**
Total for Above County : (6 records)		**4,213**	**153**	**4,366**	**0**	**82**	**4,448**	**0**	**0**	**0**	**0**	**1**	**4,731**
NEWPORT NEWS (CITY)	**BKEP MATERIALS, LLC -- NEWPORT NEWS VA**							**801 TERMINAL AVE**				**NAICS Code**	**32412**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	0	0	1	0	0	1	0	1	0	1	0	0
Total for BKEP MATERIALS, LLC -- NEWPORT N		**0**	**0**	**1**	**0**	**0**	**1**	**0**	**1**	**0**	**1**	**0**	**0**
NEWPORT NEWS (CITY)	**BURLINGTON MEDICAL, LLC**							**3 ELMHURST ST**				**NAICS Code**	**33911**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for BURLINGTON MEDICAL, LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
NEWPORT NEWS (CITY)	**HUNTINGTON INGALLS INCORPORATED**							**4101 WASHINGTON AVE**				**NAICS Code**	**33661**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	N	0	0	0	0	381	382	0	0	0	0	107	6,423
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**	**381**	**382**	**0**	**0**	**0**	**0**	**107**	**6,423**
NEWPORT NEWS (CITY)	**JOINT BASE LANGLEY EUSTIS-EUSTIS (JBLE-EUSTIS)**							**705 WASHINTON BLVD**				**NAICS Code**	**92811**
LEAD	N	150	0	150	0	0	13,239	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 JOINT BASE LANGLEY EUSTIS-EUSTI		**150**	**0**	**150**	**0**	**0**	**13,239**	**0**	**0**	**0**	**0**	**0**	**0**
NEWPORT NEWS (CITY)	**TCS MATERIALS NEWPORT NEWS**							**700 SHIELDS ROAD**				**NAICS Code**	**32732**
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)		**150**	**1**	**151**	**0**	**381**	**13,621**	**0**	**1**	**0**	**1**	**107**	**6,424**
NORFOLK (CITY)	**BAE SYSTEMS NORFOLK SHIP REPAIR**							**750 W BERKLEY AVE**				**NAICS Code**	**33661**
LEAD COMPOUNDS	N	10	0	10	0	0	10	0	0	0	0	9	172
Total for BAE SYSTEMS NORFOLK SHIP REPAI		**10**	**0**	**10**	**0**	**0**	**10**	**0**	**0**	**0**	**0**	**9**	**172**
NORFOLK (CITY)	**BRANSCOME INC-NORFOLK WESTMINSTER**							**3425 WESTMINSTER AVE**				**NAICS Code**	**32412**
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 WESTMI		**1**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
NORFOLK (CITY)	**TITAN VIRGINIA READY-MIX LLC-CAMPOSTELLA PLANT**							**2125 KIMBALL TERRACE**				**NAICS Code**	**32732**
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)	**UNITED STATES GYPSUM CO**							**1424 S MAIN ST**				**NAICS Code**	**32742**
LEAD COMPOUNDS	N	0	1	1	0	0	1	0	0	0	0	0	5
MERCURY COMPOUNDS	N	0	53	53	0	0	53	0	0	0	0	0	0
Total for UNITED STATES GYPSUM CO		**0**	**53**	**54**	**0**	**0**	**54**	**0**	**0**	**0**	**0**	**0**	**5**
NORFOLK (CITY)	**US NAVY JOINT EXPEDITIONARY LITTLE CREEK RANGE**							**2600 TARAWA CT SUITE 100**				**NAICS Code**	**92811**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	81
Total for US NAVY JOINT EXPEDITIONARY LITT		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**81**
NORFOLK (CITY)	**US NAVY NAVAL STATION NORFOLK RANGE**							**1530 GILBERT ST**				**NAICS Code**	**92811**

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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	2	0	2	0	0	2	0	0	0	0	0	185
Total for US NAVY NAVAL STATION NORFOLK		**2**	**0**	**2**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**185**
Total for Above County : (9 records)		**13**	**54**	**67**	**0**	**0**	**67**	**0**	**0**	**0**	**0**	**9**	**443**
NORTHUMBERLAND	**CARRY-ON TRAILER CORP**							**617 HARRY HOGAN RD**				**NAICS Code**	**33621**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	8
Total for CARRY-ON TRAILER CORP		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8**
Total for Above County : (1 record)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8**
NOTTOWAY	**ARBORTECH FOREST PRODUCTS, INC.**							**500 DEARING AVENUE**				**NAICS Code**	**32111**
LEAD COMPOUNDS	N	0	13	13	0	0	28	0	0	0	0	0	0
Total for ARBORTECH FOREST PRODUCTS, IN		**0**	**13**	**13**	**0**	**0**	**28**	**0**	**0**	**0**	**0**	**0**	**0**
NOTTOWAY	**US ARMY NATIONAL GUARD FORT PICKETT (INSTALLATION)**							**US PFO BUILDING 316 FORT PICKETT**				**NAICS Code**	**92811**
LEAD	N	0	0	0	0	0	62,891	0	0	0	0	0	0
LEAD COMPOUNDS	N	129	0	129	0	0	129	0	0	0	0	0	0
Total for US ARMY NATIONAL GUARD FORT PI		**129**	**0**	**129**	**0**	**0**	**63,020**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (3 records)		**129**	**13**	**142**	**0**	**0**	**63,049**	**0**	**0**	**0**	**0**	**0**	**0**
PATRICK	**MICROMETRICS SYSTEM**							**225 JEB STUART HWY**				**NAICS Code**	**33271**
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**	**31332**
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**	**33281**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VALMONT-VIRGINIA GALVANIZING IN		**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 Above County : (2 records)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PITTSYLVANIA	**BLUE RIDGE FIBERBOARD**							**250 CELOTEX DRIVE**				**NAICS Code**	**32121**
POLYCYCLIC AROMATIC COMPOU	N	19	0	19	0	0	19	0	0	0	0	0	0
Total for BLUE RIDGE FIBERBOARD		**19**	**0**	**19**	**0**	**0**	**19**	**0**	**0**	**0**	**0**	**0**	**0**
PITTSYLVANIA	**JTI LEAF SERVICES (US) LLC**							**202 STINSON DRIVE**				**NAICS Code**	**31223**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	18,720
Total for JTI LEAF SERVICES (US) LLC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**18,720**
PITTSYLVANIA	**OWENS-BROCKWAY GLASS CONTAINER INC PLANT 29**							**STATE RD**				**NAICS Code**	**32721**
LEAD COMPOUNDS	N	0	241	241	0	0	241	0	0	0	0	0	1
Total for OWENS-BROCKWAY GLASS CONTAIN		**0**	**241**	**241**	**0**	**0**	**241**	**0**	**0**	**0**	**0**	**0**	**1**
Total for Above County : (3 records)		**19**	**241**	**260**	**0**	**0**	**260**	**0**	**0**	**0**	**0**	**0**	**18,721**
PORTSMOUTH (CITY)	**PORTSMOUTH GENCO LLC**							**1 WILD DUCK LN**				**NAICS Code**	**22111**
LEAD COMPOUNDS	N	0	2	2	0	4	6	0	0	0	0	0	659
Total for PORTSMOUTH GENCO LLC		**0**	**2**	**2**	**0**	**4**	**6**	**0**	**0**	**0**	**0**	**0**	**659**
PORTSMOUTH (CITY)	**TITAN VIRGINIA READY-MIX LLC-PORT NORFOLK PLANT**							**101 CHAUTAUQUA AVENUE**				**NAICS Code**	**32732**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-POR		**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**	**92811**
LEAD	N	4	0	4	0	4	8	0	0	0	0	0	3,087
Total for US COAST GUARD BASE PORTSMOU		**4**	**0**	**4**	**0**	**4**	**8**	**0**	**0**	**0**	**0**	**0**	**3,087**
Total for Above County : (3 records)		**4**	**2**	**6**	**0**	**8**	**14**	**0**	**0**	**0**	**0**	**0**	**3,746**
PRINCE GEORGE	**FEDERAL CORRECTIONAL COMPLEX**							**1060 RIVER RD**				**NAICS Code**	**92214**
LEAD	N	1	0	1	0	0	1,123	0	0	0	0	0	0
Total for FEDERAL CORRECTIONAL COMPLEX		**1**	**0**	**1**	**0**	**0**	**1,123**	**0**	**0**	**0**	**0**	**0**	**0**

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PRINCE GEORGE	**HOPEWELL COGENERATION FACILITY**							**1114 HERCULES RD**				**NAICS Code**	**22111**
LEAD COMPOUNDS	N	0	61	61	0	0	61	0	0	0	0	0	0
Total for HOPEWELL COGENERATION FACILIT		**0**	**61**	**61**	**0**	**0**	**61**	**0**	**0**	**0**	**0**	**0**	**0**
PRINCE GEORGE	**U.S. ARMY GARRISON FORT LEE VA - RANGES**							**825, 19TH STREET, BLDG 6005**				**NAICS Code**	**92811**
LEAD	N	0	0	0	0	0	2,838	0	0	0	0	0	0
Total for U.S. ARMY GARRISON FORT LEE VA -		**0**	**0**	**0**	**0**	**0**	**2,838**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (3 records)		**1**	**61**	**62**	**0**	**0**	**4,021**	**0**	**0**	**0**	**0**	**0**	**0**
PRINCE WILLIAM	**BAE SYSTEMS INFORMATION & ELECTRONIC SYSTEMS INTEGRAT**							**9300 WELLINGTON RD**				**NAICS Code**	**33441**
LEAD	N	0	2	2	0	0	2	0	0	0	0	0	1
Total for BAE SYSTEMS INFORMATION & ELEC		**0**	**2**	**2**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**1**
PRINCE WILLIAM	**POSSUM POINT POWER STATION**							**19000 POSSUM POINT RD**				**NAICS Code**	**22111**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
DIOXIN AND DIOXIN-LIKE COMPO	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**	**56211**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	371
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	1,036
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	2,700
Total for SAFETY-KLEEN SYSTEMS MANASSAS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4,107**
PRINCE WILLIAM	**TITAN VIRGINIA READY-MIX LLC-DUMFRIES PLANT**							**3454 CANAL ROAD**				**NAICS Code**	**32732**
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**	**92811**

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LEAD COMPOUNDS	N	0	1	1	0	0	1	0	0	0	0	0	5
Total for US MARINE CORPS BASE QUANTICO		**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**5**
PRINCE WILLIAM	**VIRGINIA CONCRETE DUMFRIES PLANT**							**217 CANAL RD**				**NAICS Code**	**32732**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VIRGINIA CONCRETE DUMFRIES PLA		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PRINCE WILLIAM	**VIRGINIA CONCRETE GAINESVILLE PLANT**							**7300 RAIL LINE CT**				**NAICS Code**	**32732**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VIRGINIA CONCRETE GAINESVILLE P		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PRINCE WILLIAM	**VIRGINIA CONCRETE WOODBRIDGE PLANT**							**936 ANNAPOLIS WAY**				**NAICS Code**	**32732**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VIRGINIA CONCRETE WOODBRIDGE		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (12 records)		**0**	**4**	**4**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**4,112**
PULASKI	**JAMES HARDIE BUILDING PRODUCTS PULASKI**							**1000 JAMES HARDIE WAY**				**NAICS Code**	**32739**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for JAMES HARDIE BUILDING PRODUCTS		**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**
RICHMOND	**SONOCO RICHMOND**							**1850 COMMERCE RD**				**NAICS Code**	**32213**
LEAD	N	0	1	1	0	0	1	0	0	0	0	13	65
Total for SONOCO RICHMOND		**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**13**	**65**
RICHMOND	**WOOD PRESERVERS INC**							**15939 HISTORY LAND HWY**				**NAICS Code**	**32111**
LEAD COMPOUNDS	N	0	5	5	0	0	5	0	0	0	0	0	0
Total for WOOD PRESERVERS INC		**0**	**5**	**5**	**0**	**0**	**5**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 records)		**0**	**5**	**5**	**0**	**0**	**5**	**0**	**0**	**0**	**0**	**13**	**65**
RICHMOND (CITY)	**AERCCOM INC**							**3301 ROSEDALE AVE STE D**				**NAICS Code**	**56211**

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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)
MERCURY	N	0	0	0	0	0	0	0	0	0	0	0	56
Total for AERCCOM INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**56**
RICHMOND (CITY)	**BELLEMEADE POWER STATION**							**1860 COMMERCE RD**				**NAICS Code**	**22111**
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for BELLEMEADE POWER STATION		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
RICHMOND (CITY)	**SPRUANCE GENCO LLC**							**5001 COMMERCE RD**				**NAICS Code**	**22111**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	1	1	0	0	1	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	55	55	0	9	63	0	0	0	0	0	256
MERCURY COMPOUNDS	N	0	0	0	0	0	1	0	0	0	0	0	0
Total for SPRUANCE GENCO LLC		**0**	**56**	**56**	**0**	**9**	**65**	**0**	**0**	**0**	**0**	**0**	**256**
RICHMOND (CITY)	**TCS MATERIALS RICHMOND PLANT**							**2100 DEEPWATER TERMINAL ROAD**				**NAICS Code**	**32732**
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 : (6 records)		**0**	**56**	**56**	**0**	**9**	**65**	**0**	**0**	**0**	**0**	**0**	**311**
ROANOKE	**CONCRETE PIPE & PRECAST LLC-SALEM #1 PLANT**							**2000 SALEM IND US TRIAL DR**				**NAICS Code**	**32733**
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**
ROANOKE	**EXELIS INC - NIGHT VISION**							**7635 PLANTATION RD**				**NAICS Code**	**33451**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	2	533
Total for EXELIS INC - NIGHT VISION		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**533**
ROANOKE	**KOPPERS INC (ROANOKE)**							**4020 KOPPERS RD**				**NAICS Code**	**32111**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	4,643	0	4,643	0	35
POLYCYCLIC AROMATIC COMPOU	N	2	10	12	0	0	12	0	243,274	8	243,282	0	1,851
Total for KOPPERS INC (ROANOKE)		**2**	**10**	**12**	**0**	**0**	**12**	**0**	**247,916**	**8**	**247,925**	**0**	**1,886**

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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)
ROANOKE	**MEDECO SECURITY LOCKS INC.**							**3625 ALLEGHENY DR**				**NAICS Code**	**33251**
LEAD COMPOUNDS	N	0	0	0	0	1	1	0	0	0	0	1	23,563
Total for MEDECO SECURITY LOCKS INC.		**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**1**	**23,563**
ROANOKE	**NEW MILLENNIUM BUILDING SYSTEMS**							**100 DIUGUIDS LANE**				**NAICS Code**	**33231**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	4,847
Total for NEW MILLENNIUM BUILDING SYSTEM		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4,847**
ROANOKE	**SAFETY-KLEEN SYSTEMS VINTON (ROA)**							**16090 STEWARTSVILLE RD**				**NAICS Code**	**56211**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	124
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	349
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	905
Total for SAFETY-KLEEN SYSTEMS VINTON (R		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,378**
ROANOKE	**VALCOM INC**							**5614 HOLLINS RD**				**NAICS Code**	**33421**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	3,294
Total for VALCOM INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3,294**
ROANOKE	**YOKOHAMA TIRE MANUFACTURING VIRGINIA LLC**							**1500 INDIANA ST**				**NAICS Code**	**32621**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	1
LEAD COMPOUNDS	N	1	0	1	0	0	1	0	0	0	0	0	3
POLYCYCLIC AROMATIC COMPOU	N	0	1	1	0	0	1	0	0	0	0	0	4
Total for YOKOHAMA TIRE MANUFACTURING V		**1**	**1**	**2**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**9**
Total for Above County : (13 records)		**3**	**11**	**14**	**0**	**1**	**15**	**0**	**247,916**	**8**	**247,925**	**2**	**35,511**
ROANOKE (CITY)	**ASSOCIATED ASPHALT ROANOKE, LLC**							**2677 ROANOKE AVE SW**				**NAICS Code**	**42471**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	0	18	18	0	0	18	0	0	0	0	0	33
Total for ASSOCIATED ASPHALT ROANOKE, LL		**0**	**18**	**18**	**0**	**0**	**18**	**0**	**0**	**0**	**0**	**0**	**33**

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ROANOKE (CITY)	**BOXLEY CONCRETE PRODUCTS OF VA INC ROANOKEPLANT**							**3830 BLUE RIDGE DR**				**NAICS Code**	**32732**
LEAD COMPOUNDS	N	0	2	2	0	0	2	0	0	0	0	0	0
Total for BOXLEY CONCRETE PRODUCTS OF V		**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**	**33111**
LEAD COMPOUNDS	N	1	240	241	0	39	280	0	0	0	0	0	175,635
MERCURY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for STEEL DYNAMICS INC ROANOKE BAR		**1**	**240**	**241**	**0**	**39**	**280**	**0**	**0**	**0**	**0**	**0**	**175,635**
Total for Above County : (5 records)		**1**	**260**	**261**	**0**	**39**	**300**	**0**	**0**	**0**	**0**	**0**	**175,668**
ROCKBRIDGE	**CONCRETE PIPE & PRECAST LLC-HARRISONBURG PRECAST PLANT**							**210 STONE SPRING RD**				**NAICS Code**	**32733**
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**	**33341**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	130
Total for MUNTERS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**130**
ROCKBRIDGE	**STELLA JONES CORP-GOSHEN FACILITY**							**9223 MAURY RIVER RD**				**NAICS Code**	**32111**
BENZO(G,H,I)PERYLENE	N	1	0	1	0	0	1	0	0	0	0	0	37
POLYCYCLIC AROMATIC COMPOU	N	30	3	32	0	0	32	0	0	0	0	0	2,055
Total for STELLA JONES CORP-GOSHEN FACIL		**31**	**3**	**33**	**0**	**0**	**33**	**0**	**0**	**0**	**0**	**0**	**2,092**
Total for Above County : (4 records)		**31**	**3**	**33**	**0**	**0**	**33**	**0**	**0**	**0**	**0**	**0**	**2,222**
ROCKINGHAM	**SUPERIOR CONCRETE INC-HARRISONBURG**							**1526 COUNTY CLUB RD**				**NAICS Code**	**32732**
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**

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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)
RUSSELL	**AMERICAN ELECTRIC POWER CLINCH RIVER PLANT**							**JUNCTION OF ST RTS 664 & 665**				**NAICS Code**	**22111**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
DIOXIN AND DIOXIN-LIKE COMPO	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	23	23	0	0	2,768	0	0	0	0	0	113
MERCURY COMPOUNDS	N	0	8	8	0	0	37	0	0	0	0	0	4
POLYCYCLIC AROMATIC COMPOU	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for AMERICAN ELECTRIC POWER CLINC		**0**	**31**	**31**	**0**	**0**	**2,805**	**0**	**0**	**0**	**0**	**0**	**118**
Total for Above County : (5 records)		**0**	**31**	**31**	**0**	**0**	**2,805**	**0**	**0**	**0**	**0**	**0**	**118**
SALEM (CITY)	**GE DRIVES & CONTROLS**							**1501 ROANOKE BLVD**				**NAICS Code**	**33531**
LEAD COMPOUNDS	N	0	3	3	0	1	3	0	0	0	0	0	3,000
Total for GE DRIVES & CONTROLS		**0**	**3**	**3**	**0**	**1**	**3**	**0**	**0**	**0**	**0**	**0**	**3,000**
Total for Above County : (1 record)		**0**	**3**	**3**	**0**	**1**	**3**	**0**	**0**	**0**	**0**	**0**	**3,000**
SHENANDOAH	**O-N MINERALS (CHEMSTONE) STRASBURG LIME PLANT**							**1696 ORANDA RD**				**NAICS Code**	**32741**
LEAD COMPOUNDS	N	0	0	0	0	0	87	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**	**88**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 records)		**0**	**1**	**1**	**0**	**0**	**88**	**0**	**0**	**0**	**0**	**0**	**0**
SMYTH	**GENERAL DYNAMICS ARMAMENT & TECHNICAL PRODUCTS INC**							**150 JOHNSTON RD**				**NAICS Code**	**33641**
TETRABROMOBISPHENOL A	N	0	0	0	0	0	0	0	0	0	0	0	180
Total for GENERAL DYNAMICS ARMAMENT & T		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**180**
Total for Above County : (1 record)		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**180**
SOUTHAMPTON	**ATLANTIC POLE & PILING - NEWSOMS**							**21366 GENERAL THOMAS HWY**				**NAICS Code**	**32111**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for ATLANTIC POLE & PILING - NEWSOMS		**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**

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SPOTSYLVANIA	**OLDCASTLE PRECAST INC**							**5115 MASSAPONAX CHURCH RD**				**NAICS Code**	**32739**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for OLDCASTLE PRECAST INC		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
SPOTSYLVANIA	**SPOTSYLVANIA PLANT**							**8520 INDIAN HILLS CT.**				**NAICS Code**	**32732**
LEAD	N	106	0	106	0	0	106	0	0	0	0	0	0
Total for SPOTSYLVANIA PLANT		**106**	**0**	**106**	**0**	**0**	**106**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (2 records)		**106**	**0**	**106**	**0**	**0**	**106**	**0**	**0**	**0**	**0**	**0**	**0**
STAFFORD	**COLONIAL CIRCUITS INC.**							**1026 WARRENTON RD**				**NAICS Code**	**33441**
LEAD	N	0	0	0	0	0	0	0	0	0	0	2	498
Total for COLONIAL CIRCUITS INC.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**498**
STAFFORD	**FALMOUTH READY MIX CONCRETE**							**301 WARRENTON ROAD**				**NAICS Code**	**32732**
LEAD COMPOUNDS	N	0	0	0	0	0	16	0	0	0	0	0	16
Total for FALMOUTH READY MIX CONCRETE		**0**	**0**	**0**	**0**	**0**	**16**	**0**	**0**	**0**	**0**	**0**	**16**
STAFFORD	**STAFFORD PLANT**							**169 WYCHE RD**				**NAICS Code**	**32732**
LEAD	N	60	0	60	0	0	60	0	0	0	0	0	0
Total for STAFFORD PLANT		**60**	**0**	**60**	**0**	**0**	**60**	**0**	**0**	**0**	**0**	**0**	**0**
STAFFORD	**TITAN VIRGINIA READY-MIX LLC-STAFFORD PLANT**							**48 POWELL LN**				**NAICS Code**	**32732**
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**	**92111**
LEAD COMPOUNDS	N	57	6	63	0	0	63	0	0	0	0	0	23,458
Total for U.S. DOJ FBI TRAINING ACADEMY		**57**	**6**	**63**	**0**	**0**	**63**	**0**	**0**	**0**	**0**	**0**	**23,458**
STAFFORD	**VIRGINIA CONCRETE-STAFFORD PLANT**							**32 WYCHE RD**				**NAICS Code**	**32732**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0

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Total for VIRGINIA CONCRETE-STAFFORD PLA		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (6 records)		**117**	**6**	**123**	**0**	**0**	**139**	**0**	**0**	**0**	**0**	**2**	**23,972**
VIRGINIA BEACH (CITY)	**AETNA INSULATED WIRE LLC.**							**1537 AIR RAIL AVE**				**NAICS Code**	**33142**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	664
Total for AETNA INSULATED WIRE LLC.		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**664**
VIRGINIA BEACH (CITY)	**TITAN VIRGINIA READY-MIX LLC-OCEANA PLANT**							**160 OCEANA BLVD.**				**NAICS Code**	**32732**
LEAD COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TITAN VIRGINIA READY-MIX LLC-OCE		**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**	**92811**
LEAD	N	4	0	4	0	0	4	0	0	0	0	0	2
Total for U.S. NAVY NAVAL AIR STATION OCEA		**4**	**0**	**4**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**2**
VIRGINIA BEACH (CITY)	**US ARMY NATIONAL GUARD CTC CAMP PENDLETON (RANGES)**							**203 RED HORSE DRIVE**				**NAICS Code**	**92811**
LEAD	N	0	0	0	0	0	167	0	0	0	0	0	0
Total for US ARMY NATIONAL GUARD CTC CAM		**0**	**0**	**0**	**0**	**0**	**167**	**0**	**0**	**0**	**0**	**0**	**0**
VIRGINIA BEACH (CITY)	**US NAVY FLEET COMBAT TRAINING CENTER ATL DAM NECK RAN**							**1912 REGUL US AVE**				**NAICS Code**	**92811**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	1
Total for US NAVY FLEET COMBAT TRAINING C		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
VIRGINIA BEACH (CITY)	**US NAVY JOINT EXPEDITIONARY FORT STORY RANGE**							**300 GUADALCANAL RD**				**NAICS Code**	**92811**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	1
Total for US NAVY JOINT EXPEDITIONARY FOR		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
Total for Above County : (6 records)		**4**	**0**	**4**	**0**	**0**	**170**	**0**	**0**	**0**	**0**	**0**	**668**
WARREN	**US CBP CANINE TRAINING FACILITY FIRING RANGE #VA0040**							**828 HARMONY HOLLOW RD**				**NAICS Code**	**92212**
LEAD	N	0	0	0	0	0	191	0	0	0	0	0	0
Total for US CBP CANINE TRAINING FACILITY F		**0**	**0**	**0**	**0**	**0**	**191**	**0**	**0**	**0**	**0**	**0**	**0**

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

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**	**191**	**0**	**0**	**0**	**0**	**0**	**0**
WASHINGTON	**AZZ GALVANIZING-BRISTOL**							**14781 INDUSTRIAL PARK RD**				**NAICS Code**	**33281**
LEAD	N	3	0	3	0	0	3	0	0	0	0	0	92
Total for AZZ GALVANIZING-BRISTOL		**3**	**0**	**3**	**0**	**0**	**3**	**0**	**0**	**0**	**0**	**0**	**92**
WASHINGTON	**COLUMBUS MCKINNON CORP**							**22364 JEB STUART HWY**				**NAICS Code**	**33392**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	30
Total for COLUMBUS MCKINNON CORP		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**30**
WASHINGTON	**MXI ENVIRONMENTAL SERVICES, LLC**							**26319 OLD TRAIL RD (ST RTE 679)**				**NAICS Code**	**56211**
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	10,999
MERCURY	N	0	0	0	0	0	0	0	0	0	0	0	1,765
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**	**13,464**
Total for Above County : (7 records)		**3**	**0**	**3**	**0**	**0**	**3**	**0**	**0**	**0**	**0**	**0**	**13,586**
WESTMORELAND	**CARRY-ON TRAILER CORP**							**159 INDUSTRIAL PARK RD**				**NAICS Code**	**33621**
LEAD	N	3	0	3	0	0	3	0	0	0	0	0	257
Total for CARRY-ON TRAILER CORP		**3**	**0**	**3**	**0**	**0**	**3**	**0**	**0**	**0**	**0**	**0**	**257**
WESTMORELAND	**POTOMAC SUPPLY LLC**							**1398 KINSALE RD**				**NAICS Code**	**32111**
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)		**3**	**0**	**3**	**0**	**0**	**3**	**0**	**0**	**0**	**0**	**0**	**257**
WINCHESTER (CITY)	**O'SULLIVAN FILMS INC**							**1944 VALLEY AVE**				**NAICS Code**	**32611**
LEAD	N	2	9	11	0	0	11	0	0	0	0	0	3
Total for O'SULLIVAN FILMS INC		**2**	**9**	**11**	**0**	**0**	**11**	**0**	**0**	**0**	**0**	**0**	**3**

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

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 Above County : (1 record)		**2**	**9**	**11**	**0**	**0**	**11**	**0**	**0**	**0**	**0**	**0**	**3**
WISE	**VIRGINIA CITY HYBRID ENERGY CENTER**							**3425 RUSSELL CREEK RD**				**NAICS Code**	**22111**
DIOXIN AND DIOXIN-LIKE COMPO	N	0	2	2	0	0	2	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	66	66	0	0	27,109	0	0	0	0	0	0
MERCURY COMPOUNDS	N	0	0	0	0	0	331	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	0	5	5	0	0	5	0	0	0	0	0	0
Total for VIRGINIA CITY HYBRID ENERGY CENT		**0**	**73**	**73**	**0**	**0**	**27,447**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (4 records)		**0**	**73**	**73**	**0**	**0**	**27,447**	**0**	**0**	**0**	**0**	**0**	**0**
YORK	**DOMINION RESOURCES INC YORKTOWN POWER STATION**							**1600 WATERVIEW RD**				**NAICS Code**	**22111**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
LEAD COMPOUNDS	N	0	175	175	0	4,568	4,742	0	0	0	0	21	13
MERCURY COMPOUNDS	N	0	15	15	0	114	129	0	0	0	0	0	2
POLYCYCLIC AROMATIC COMPOU	N	0	1	1	0	0	1	0	0	0	0	0	0
Total for DOMINION RESOURCES INC YORKTO		**0**	**190**	**190**	**0**	**4,682**	**4,872**	**0**	**0**	**0**	**0**	**21**	**15**
YORK	**PLAINS MARKETING LP YORKTOWN**							**2201 GOODWIN NECK RD**				**NAICS Code**	**42471**
BENZO(G,H,I)PERYLENE	N	0	0	0	0	0	0	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOU	N	2	0	2	0	0	2	0	0	0	0	0	1
Total for PLAINS MARKETING LP YORKTOWN		**2**	**0**	**2**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**1**
YORK	**US COAST GUARD TRAINING CENTER YORKTOWN**							**1 US COAST GUARD TRAINING CENTER**				**NAICS Code**	**92612**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	4,479
Total for US COAST GUARD TRAINING CENTER		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4,479**
YORK	**US NAVY CHEATHAM ANNEX BASE RANGE**							**108 SANDA AVE BLDG 270**				**NAICS Code**	**92811**
LEAD	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for US NAVY CHEATHAM ANNEX BASE R		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
YORK	**US NAVY YORKTOWN NAVAL WEAPONS STATION BASE RANGE**							**RT 238**				**NAICS Code**	**92811**

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

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	0	0	0	0	0	0	0	0	0	0	0
Total for US NAVY YORKTOWN NAVAL WEAPO		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total for Above County : (9 records)		**2**	**190**	**192**	**0**	**4,682**	**4,874**	**0**	**0**	**0**	**0**	**21**	**4,495**

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

APPENDIX H-1 - 2015 VA TRI NAICS Code Ranking by On-Site Releases

APPENDIX H - 1
2015 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	215	14,713,985
221	Utilities	156	5,912,873
322	Paper Manufacturing	96	4,131,662
326	Plastics and Rubber Products Manufacturing	67	1,717,581
331	Primary Metal Manufacturing	57	1,347,173
311	Food Manufacturing	67	1,116,121
332	Fabricated Metal Product Manufacturing	101	1,084,349
312	Beverage and Tobacco Product Manufacturing	15	527,392
337	Furniture and Related Product Manufacturing	21	412,547
928	National Security & International Affairs	50	381,736
	All Other NAICS	**514**	**1,149,375**
327	Nonmetallic Mineral Product Manufacturing	102	299,448
321	Wood Product Manufacturing	61	269,566
336	Transportation Equipment Manufacturing	54	215,663
323	Printing and Related Support Activities	19	160,893
424	Merchant Wholesalers, Nondurable Goods	101	110,179
334	Computer and Electronic Product Manufacturing	25	33,488
333	Machinery Manufacturing	35	15,624
335	Electrical Equipment, Appliance, and Component Manufacturing	18	15,586
316	Footwear Manufacturing	1	10,381
339	Miscellaneous Manufacturing	10	7,200
922	Justice, Public Order, and Safety Activities	2	2,350
313	Textile Mills	6	2,269
488	Other Airport Operations	12	1,875
325	Ethyl Alcohol Manufacturing	2	1,500
425	Wholesale Electronic Markets and Agents and Brokers	5	1,247
922	Police Protection	2	841
562	Waste Management and Remediation Services	27	595
314	Textile Product Mills	3	326
212	Mining (Except Oil and Gas)	2	107
336	Motor Vehicle Body Manufacturing	1	83
921	Executive, Legislative, and Other General Government Support	2	70
927	Space Research and Technology	2	66
333	Conveyor and Conveying Equipment Manufacturing	1	6
922	Other Justice, Public Order, and Safety Activities	1	6
324	Petroleum and Coal Products Manufacturing	12	4
334	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables	1	1
334	Electronic Computer Manufacturing	1	0
424	Plastics Materials and Basic Forms and Shapes Merchant Wholesalers	1	0
454	Nonstore Retailers	4	0
926	Administration of Economic Programs	1	0

APPENDIX H-2 - 2015 VA TRI NAICS Code Ranking By On-Site Management

APPENDIX H-2
2015 VA TRI
NAICS CODE RANKING BY ON-SITE MANAGEMENT
(EXCLUDES DIOXIN AND DIOXIN LIKE COMPOUNDS)

NAICS Subsector	General Type of Industry	Count	Total On-Site Management (Pounds)
325	Chemical Manufacturing	215	683,062,115
322	Paper Manufacturing	96	34,293,975
311	Food Manufacturing	67	11,522,880
221	Utilities	156	9,565,617
332	Fabricated Metal Product Manufacturing	101	9,037,234
326	Plastics and Rubber Products Manufacturing	67	5,939,029
321	Wood Product Manufacturing	61	2,540,124
334	Computer and Electronic Product Manufacturing	25	1,471,196
336	Transportation Equipment Manufacturing	54	1,070,954
314	Textile Product Mills	3	831,811
	All Other NAICS	**514**	**1,317,589**
312	Beverage and Tobacco Product Manufacturing	15	601,229
339	Miscellaneous Manufacturing	10	336,579
327	Nonmetallic Mineral Product Manufacturing	102	135,391
331	Primary Metal Manufacturing	57	94,085
928	National Security & International Affairs	50	65,970
335	Electrical Equipment, Appliance, and Component Manufacturing	18	31,720
323	Printing and Related Support Activities	19	24,440
313	Textile Mills	6	16,575
488	Other Airport Operations	12	7,725
424	Merchant Wholesalers, Nondurable Goods	101	3,875
324	Petroleum and Coal Products Manufacturing	12	1
325	Ethyl Alcohol Manufacturing	2	0
316	Footwear Manufacturing	1	0
425	Wholesale Electronic Markets and Agents and Brokers	5	0
927	Space Research and Technology	2	0
926	Administration of Economic Programs	1	0
922	Police Protection	2	0
922	Other Justice, Public Order, and Safety Activities	1	0
922	Justice, Public Order, and Safety Activities	2	0
921	Executive, Legislative, and Other General Government Support	2	0
333	Machinery Manufacturing	35	0
454	Nonstore Retailers	4	0
333	Conveyor and Conveying Equipment Manufacturing	1	0
424	Plastics Materials and Basic Forms and Shapes Merchant Wholesalers	1	0
337	Furniture and Related Product Manufacturing	21	0
336	Motor Vehicle Body Manufacturing	1	0
334	Electronic Computer Manufacturing	1	0
334	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables	1	0
212	Mining (Except Oil and Gas)	2	0
562	Waste Management and Remediation Services	27	0

APPENDIX I-1 - 2015 VA TRI Facility Ranking By On-Site Releases

APPENDIX I-1
2015 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.	10,129,007	Radford Army Ammunition Plant 4050 Peppers Ferry Road	Radford	Montgomery	24141RDFRDPOBOX
2	Honeywell International Inc. Hopewell Plant	2,330,658	905 E Randolph Rd	Hopewell	Hopewell (City)	23860LLDSGPOBOX
3	Chesterfield Power Station	1,960,271	500 Coxendale Rd	Chester	Chesterfield	23836CHSTR500CO
4	International Paper Franklin Mill	1,314,062	34040 Union Camp Dr	Franklin	Isle Of Wight	23851NNCMPHIGHW
5	Jewell Coke Co LP	1,295,102	1034 Dismal River Rd	Oakwood	Buchanan	24656JWLLCHWY46
6	Clover Power Station	1,191,302	4091 Clover Rd	Clover	Halifax	24534CLVRPRTE92
7	Westrock Cp, LLC	975,517	1901 Main St	West Point	King William	23181CHSPK19THM
8	Virginia City Hybrid Energy Center	859,914	3425 Russell Creek Rd	Saint Paul	Wise	2428WVRGNC3425R
9	Hercules Incorporated	667,362	1111 Hercules Rd	Hopewell	Hopewell (City)	23860QLNCM1111H
10	Westrock Virginia Corporation (Part)	635,566	104 E. Riverside Street	Covington	Covington (City)	24426WSTVCRIVER
11	Doswell LP	598,629	10098 Old Ridge Rd	Ashland	Hanover	23005DSWLL10098
12	BWXT Nuclear Operations Group, Inc.	575,670	1570 Mount Athos Rd	Lynchburg	Campbell	24504BBCCKMTATH
13	CPFilms - Plant II	534,108	4129 The Great Rd	Fieldale	Henry	24089MRTNPRTE68

Rank	Facility Name	Total On-Site Releases (lbs.)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
14	Church & Dwight Co Inc.	524,382	1851 Touchstone Rd	South Chesterfield	Chesterfield	23834LDNCR16101
15	American Electric Power Clinch River Plant	481,258	Junction Of St Rts 664 & 665	Cleveland	Russell	24225MRCNLJUNCT
16	DuPont Spruance Plant	440,728	U.S. Hwy 1 At Cogbill Rd	Richmond	Chesterfield	23234DPNTSUSHIG
17	Georgia-Pacific Big Island Mill	425,232	9363 Lee-Jackson Hwy	Big Island	Bedford	24526NKSPCHIGHW
18	Ball Metal Beverage Container Corp	423,000	8935 Pocahontas Trail James River Commerce Center	Williamsburg	James City	23185BLLPC8935P
19	Philip Morris USA Park 500 Site	407,743	4100 Bermuda Hundred Rd	Chester	Chesterfield	23831PHLLP4100B
20	Westrock Cp, LLC	404,854	910 Industrial St	Hopewell	Hopewell (City)	23860STNHP910IN
21	Perdue Farms Accomack Processing Plant	349,182	22520 Lankford Hwy	Accomack	Accomack	23301PRDNCROUTE
22	Celanese Acetate LLC - Celco Plant	309,722	3520 Virginia Ave	Narrows	Giles	24124HCHSTRT460
23	Perdue Farms Inc.-Chesapeake Grain	307,101	501A Barnes Rd	Chesapeake	Chesapeake (City)	23324CRGLL501BA
24	Greif Packaging LLC	301,035	861 Fibre Plant Rd	Amherst	Amherst	24521VRGNFROUTE
25	Honeywell International Colonial Heights Plant	277,839	15801 Woods Edge Rd	Colonial Heights	Chesterfield	23832LLDSGEXIT5
26	Hopewell Cogeneration Facility	199,880	1114 Hercules Rd	Hopewell	Prince George	23860HPRWL1114H
27	Dominion Resources Inc. Yorktown Power Station	194,889	1600 Waterview Rd	Yorktown	York	23692YRKTW1600W

Rank	Facility Name	Total On-Site Releases (lbs.)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
28	Pent Reservation	170,878	N Rotary Rd	Arlington	Arlington	2220WPNTRSNRTAR
29	Possum Point Power Station	151,551	19000 Possum Point Rd	Dumfries	Prince William	22026PSSMP19000
30	US Army National Guard Fort Pickett (Installation)	145,807	US PFO Building 316 Fort Pickett	Blackstone	Nottoway	23824SRMYM316RI
31	Georgia-Pacific Wood Products LLC - Brookneal OSB	135,503	11795 Brookneal Highway	Gladys	Campbell	24554GRGPCHIGHW
32	CPFilms Inc.-Axton Facility	134,570	47 Brenda Dr	Axton	Henry	24054CMMNWRT58S
33	DuPont Teijin Films	124,696	3600 Discovery Dr	Chester	Chesterfield	23860CMRCSBERMU
34	Mondelez Global LLC	118,660	6002 S Laburnum Ave	Richmond	Richmond	23231NBSCB6002S
35	Masco Cabinetry	115,614	1325 Industrial Park Rd	Mount Jackson	Shenandoah	22842MRLLTSTATE
36	Vaughan-Bassett Furniture Co. Galax	112,441	300 E Grayson St	Galax	Carroll	24333VGHNBOLDTO
37	Merck Sharp & Dohmer Corp.	100,181	2778 Se Side Hwy	Elkton	Rockingham	22827MRCKCHIGHW
38	Plains Marketing LP Yorktown	98,806	2201 Goodwin Neck Rd	Yorktown	York	23692MCLCM2201G
39	Bellemeade Power Station	93,000	1860 Commerce Rd	Richmond	Richmond (City)	23224BLLMD1860C
40	RR Donnelley	91,133	2347 Kratzer Rd	Harrisonburg	Rockingham	22801RRDNN1400K
41	Dominion Resources Inc. Gordonsville Power Station	84,700	819 Hill Rd	Gordonsville	Louisa	22942GRDNS115RE
42	Lhoist Na Of Virginia Inc. Kimballton Area 1	83,329	2093 Big Stony Creek Rd	Ripplemead	Giles	24150CHMCL2093B

Rank	Facility Name	Total On-Site Releases (lbs.)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
43	Huntington Ingalls Incorporated	81,871	4101 Washington Ave	Newport News	Newport News (City)	23607NWPRT4101W
44	Aquatic Co	81,800	1100 Ind Us Trial Park Rd Halifax Ind Us Trial Par	South Boston	Halifax	24592PHLPSPOBOX
45	JTI Leaf Services (Us) LLC	76,030	202 Stinson Drive	Danville	Pittsylvania	2454WJTLFS22STI
46	Smithfield-Smithfield Facility (North)	75,326	601 N Church St	Smithfield	Isle Of Wight	23430GWLTNHIGHW
47	Norcraft Companies	74,906	1 Millrace Dr	Lynchburg	Lynchburg (City)	24502STRMR1MILL
48	Roanoke Cement Co LLC	74,179	6071 Catawba Rd	Troutville	Botetourt	24175RNKCM5555C
49	Intertape Polymer Corp	72,900	1101 Eagle Springs Rd	Danville	Pittsylvania	24540NTRTPSTATE
50	Kinyo Virginia Inc.	70,560	290 Enterprise Dr	Newport News	Newport News (City)	23603KNYVR290EN
51	Mica Co Of Canada Inc.	69,441	900 Jefferson Ave	Newport News	Newport News (City)	23607MCCMP900JE
52	Huber Engineered Woods LLC	69,368	1000 Chaney Ln	Crystal Hill	Halifax	24539JMHBRRT3HW
53	Slocum Adhesives Corp	66,174	1409 Buchanan St	Lynchburg	Lynchburg (City)	24501SLCMC1409B
54	Tyson Farms Inc. - Processing Facility	66,166	13264 Mountain Rd	Glen Allen	Hanover	20360HLLYF3301U
55	Virginia Marble Manufacturers Inc.	64,471	Corner Of Brunswick & Oak St	Kenbridge	Lunenburg	23944VRGNMCORNE
56	Danchem Technologies Inc.	60,969	1975 Old Richmond Rd	Danville	Pittsylvania	24540DNRVRSTATE

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57	VPGC LLC Hinton Facility	55,463	6349 Rawley Pike Hwy 33 We	Hinton	Rockingham	22831WMPLRUSRT3
58	Bear Island Paper WB LLC	54,540	10026 Old Ridge Rd	Ashland	Hanover	23005BRSLNPOBOX
59	Elkay Wood Products Company	53,216	2000 Cane Creek Parkway	Ringgold	Pittsylvania	24586YRKTW2CANE
60	American Electric Power Glen Lyn Plant	49,632	Rte. 460	Glen Lyn	Giles	24093GLNLYRTE46
61	Dynax America Corp	44,701	568 E Park Dr	Roanoke	Botetourt	24019DYNXM568EP
62	Virginia Marble Manufacturers Inc.	43,611	1201 5Th Ave	Kenbridge	Lunenburg	23944VRGNMPOBOX
63	General Shale Brick Inc. Plant 35 & 36	41,960	2353 Webster Rd	Roanoke	Botetourt	24064GNRLS770WE
64	Appalachian Plastics Inc.	41,582	34001 Glove Dr	Glade Spring	Washington	24340PPLCHPOBOX
65	George's Chicken LLC	40,246	19992 Senedo Rd	Edinburg	Shenandoah	22824RCCFRRTE42
66	Spruance Genco LLC	39,691	5001 Commerce Rd	Richmond	Richmond (City)	23234CGNTR5001C
67	Kingspan Insulation LLC	39,496	172 Pactiv Way	Winchester	Frederick	22601MCFMPROUTE
68	Colonna's Shipyard Inc.	39,362	400 E Indian River Rd	Norfolk	Norfolk (City)	23523CLNNS400EI
69	Tyson Farms Inc-Temperanceville	38,719	11224 Lankford Hwy	Temperanceville	Accomack	23442HLLYFUSHIG
70	New Market Poultry LLC	35,200	145 Old East Cross Road	New Market	Shenandoah	2284WNWMRK145LD
71	Philip Morris USA Commerce Road Site	32,878	3601 Commerce Rd	Richmond	Richmond (City)	23234PHLLP3601C

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72	U.S. Navy Norfolk Naval Shipyard	32,600	Intersection Of Effingham St & George Washington H	Portsmouth	Portsmouth (City)	23709SDDSNINTER
73	Strongwell Corporation-Bristol	32,425	400 Commonwealth Ave.	Bristol	Washington	24203MRRSN400CO
74	Axalta Coating Systems LLC-Front Royal Plant	30,846	7961 Winchester Rd	Front Royal	Warren	22630DPNTFPOBOX
75	Masco Cabinetry LLC	30,109	641 Maddox Dr	Culpeper	Culpeper	22701WDCBN641MA
76	Solenis LLC	27,830	27123 Shady Brook Trail	Courtland	Southampton	23851HRCLSROUTE
77	Omega Protein Inc.	27,110	610 Menhaden Rd	Reedville	Northumberland	22530ZPTHYPOBOX
78	O'Sullivan Films Inc.	26,539	1944 Valley Ave	Winchester	Winchester (City)	22601SLLVN1944V
79	R Donnelley Printing Co	26,421	4201 Murray Pl	Lynchburg	Lynchburg (City)	24506MRDTH4201M
80	Bassett Plant 11	26,242	Patriot Centre At Beaver Creek	Martinsville	Henry	24112BSSTTPATRI
81	Consolidated Glass & Mirror	25,244	110 Jack Guynn Dr	Galax	Galax (City)	24333CNSLD110JA
82	Invista Sa Rl-Waynesboro Facility	25,018	400 Du Pont Blvd	Waynesboro	Augusta	22980DPNTWDUPON
83	Wako Chemicals USA Inc.	24,000	1600 Bellwood Rd	Richmond	Chesterfield	23237WKCHM1600B
84	Micron Technology Inc.	23,042	9600 Godwin Dr	Manassas	Prince William	20110DMNNS9600G
85	Columbia Forest Products	22,719	100 Paul Rd SW	Chatham	Pittsylvania	24531CLMBF1PAUL
86	Georgia Pacific Wood Products LLC Emporia Plywood	21,160	634 Davis St	Emporia	Greensville	23847GRGPCDAVIS

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87	Onduline Na	20,855	4900 Ondura Dr	Fredericksburg	Fredericksburg (City)	22401NDLNN4900O
88	Carry-On Trailer Corp	20,811	159 Industrial Park Rd	Montross	Westmoreland	22520CRRYN159IN
89	HAPCO	19,735	26252 Hillman Highway	Abingdon	Washington	2421WHPCXX26252
90	Ennis-Flint Richmond	19,195	4400 Vawter Ave	Richmond	Henrico	23222DGLSC4400V
91	Akzo Nobel Coatings Inc.	19,082	2837 Roanoke Ave SW	Roanoke	Roanoke (City)	24015RLNCN2837R
92	Strongwell Corp Highlands Div.	19,045	26770 Newbanks Rd	Abingdon	Washington	24210STRNG26770
93	Griffin Pipe Products Co	18,983	10 Adams St	Lynchburg	Lynchburg (City)	24505GRFFNADAMS
94	Bae Systems Norfolk Ship Repair	18,541	750 W Berkley Ave	Norfolk	Norfolk (City)	23501NRFLKFOOTO
95	Chemours James River Plant	17,825	1201 Bellwood Rd	Richmond	Chesterfield	23237DPNTJ1201B
96	Wolverine Advanced Materials	17,063	3175 State St	Blacksburg	Montgomery	24060WLVRN3175S
97	Ardagh Metal Packaging USA Inc.	15,900	5022 Hollins Rd	Roanoke	Roanoke (City)	2401WRDGHM522HL
98	Polynt Composites USA Inc.	15,200	920 Tightsqueeze Ind Us Trial Rd	Chatham	Pittsylvania	24531FRMNRPITTS
99	Ball Advanced Aluminum Technologies Corp	14,004	56 Dunsmore Rd	Verona	Augusta	24482NMNSLLAURE
100	Bellwood Printing Plant	13,622	2001 Reymet Rd	Richmond	Chesterfield	23237BLLWD2001R

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101	Joint Base Langley Eustis-Eustis (JBLE-Eustis)	13,249	705 Washington Blvd	Fort Eustis	Newport News (City)	23604SDDSRFORTE
102	Us/Navy Naval Support Activity Northwest Annex Range	12,677	1320 NW Blvd Suite 100	Chesapeake	Chesapeake (City)	23322SNVYN132NW
103	NIBCO Of Virginia Inc.	12,624	131 Johnson Drive	Stuarts Draft	Augusta	24477NBCNCROUTE
104	Foot Levelers Inc.	10,381	518 Pocahontas Ave	Roanoke	Roanoke (City)	2401WFTLVL518PC
105	Federal-Mogul Corp	9,910	300 Industrial Park Rd Se	Blacksburg	Montgomery	24060FDRLMRT460
106	Commonwealth Laminating & Coating Inc.	9,595	345 Beaver Creek Dr	Martinsville	Henry	24112CMMNW345BE
107	Aleris Rolled Products Inc.	9,052	1701 Reymet Rd	Richmond	Chesterfield	23237TRNST1801R
108	Rr Donnelley Strasburg Div.	9,039	One Shenandoah Valley Dr	Strasburg	Shenandoah	22657SHNNDROUTE
109	Virginia Transformer Corp	8,964	201 Transformer Way	Troutville	Botetourt	24175VRGNT2TRAN
110	QG Printing II Corp	8,456	160 Century Ln Stonewall Ind Us Trial Park	Winchester	Frederick	22603QBCRW16CEN
111	Canon Virginia Inc.	8,157	12000 Canon Blvd	Newport News	Newport News (City)	23606CNNVR12000
112	Stella Jones Corp-Goshen Facility	7,647	9223 Maury River Rd	Goshen	Rockbridge	24439THBRKSTATE
113	Birchwood Power Facility	7,621	10900 Birchwood Dr	King George	King George	22547BRCHW10900

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114	Anheuser-Busch LLC	7,483	7801 Pocahontas Trail	Williamsburg	James City	23185NHSRB7801P
115	Fiberglass Engineering Co	7,324	5019 Airport Rd	Midland	Fauquier	22728FBRGLWARRE
116	Cadmus Specialty Publications	7,276	2901 Byrdhill Rd	Richmond	Henrico	23228WLLMB2901B
117	Sterilization Services Of Virginia	7,194	5674 Eastport Blvd	Richmond	Richmond (City)	23231STRLZ5674E
118	Arkema Inc.	6,910	601 Tightsqueeze Ind Us Trial Rd	Chatham	Pittsylvania	24531SRTMR601TI
119	Virginia Transformer Corp.	6,529	220 Glade View Dr Ne	Roanoke	Roanoke	24012VRGNT220GL
120	BASF Corp	6,051	2301 Wilroy Rd	Suffolk	Suffolk (City)	23434LLDCL2301W
121	Koppers Inc. (Roanoke)	5,913	4020 Koppers Rd	Salem	Roanoke	24153KPPRSRT460
122	American GFM Corp	5,769	1200 Cavalier Blvd	Chesapeake	Chesapeake (City)	23323MRCNG1200C
123	Wolverine Advanced Materials	5,687	201 Ind Us Trial Park Rd	Blacksburg	Montgomery	24060WLVRN201IN
124	RPS Composites Virginia, Inc.	5,654	211 E 4Th St	Front Royal	Warren	22630SHNND210E4
125	Wood Preservers Inc.	5,642	15939 History Land Hwy	Warsaw	Richmond	22572WDPRSROUTE
126	Steel Dynamics Inc. Roanoke Bar Div.	5,639	102 Westside Blvd	Roanoke	Roanoke (City)	24017RNKLC102WE
127	Allied Aviation Fueling Co Inc.	5,514	Ronald Reagan National Airport	Arlington	Arlington	22202GDNVTRONAL
128	Stihl Inc.	4,674	536 Viking Dr	Virginia Beach	Virginia Beach (City)	23450STHLN536VI

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129	Yokohama Tire Manufacturing Virginia LLC	4,603	1500 Indiana St	Salem	Roanoke	24153MHWKR1500I
130	Rexnord Industries LLC	4,472	150 Johnson Dr	Stuarts Draft	Augusta	24477PTCMPRTS34
131	South Atlantic Galvanizing LLC	3,685	11022 Lewistown Rd	Ashland	Hanover	23005VRGNGSTATE
132	QG Printing II Corp	3,655	7619 Doane Dr	Manassas	Manassas (City)	22110TRSRC7619C
133	Davis-Frost, Inc.	3,301	3416 Candlers Mountain Rd	Lynchburg	Lynchburg (City)	24506DVSPN3420C
134	Miller Coors-Shenandoah	3,258	5135 S Eastside Hwy	Elkton	Rockingham	22827DLPHCROUTE
135	Howmet Castings & Services Inc.	2,947	One Howmet Dr	Hampton	Hampton (City)	23661HWMTCONEHO
136	U.S. Army Garrison Fort Lee VA - Ranges	2,838	825, 19Th Street, Bldg. 6005	Fort Lee	Prince George	23801SRMYC3901A
137	Us Marine Corps Base Quantico Range Complex	2,802	3250 Catlin Ave	Quantico	Prince William	22134SDDSM3040M
138	Valmont-Virginia Galvanizing Inc.	2,762	3535 Halifax Rd	Petersburg	Petersburg (City)	23805NDSTR3535H
139	Evonik Corp	2,330	914 E Randolph Rd	Hopewell	Hopewell (City)	23860GLDSC914ER
140	Viasystems Technologies Corp LLC	2,287	1200 Severn Way	Dulles	Loudoun	22170TMTNC1200S
141	Pre Con Inc.	2,269	220 S Perry St	Petersburg	Petersburg (City)	23803PRCNN220SP
142	Pilgrim’s Pride Corp Broadway Facility	2,189	330 Co-Op Dr	Timberville	Rockingham	22853RCKNGCOOPD
143	Wheelabrator Abrasives Inc.	2,105	1 Abrasive Ave	Bedford	Bedford	24523WHLBR1ABRA

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144	Alliant Techsystems Operations LLC (New River Energetics)	2,067	Rte. 114 Radford Army Ammunition Plant	Radford	Montgomery	24141NWRVRRTE11
145	ASIG Fueling Operations Wash Dulles International Airport	1,875	Tank Farm Rd Building 2	Sterling	Loudoun	20166RBP BUILD
146	Motiva Fairfax Terminal	1,801	3800 Pickett Rd	Fairfax	Fairfax (City)	22031FRFXT3800P
147	Azz Galvanizing-Bristol	1,778	14781 Industrial Park Rd	Bristol	Washington	24201VSBRS795IN
148	Cerro Fabricated Products Inc.	1,735	300 Triangle Dr	Weyers Cave	Augusta	24486CRRMT300TR
149	U.S. Amines (Portsmouth) LLC	1,647	3230 W Norfolk Rd	Portsmouth	Portsmouth (City)	23703CLNSC3230E
150	Cameron Chemical Inc.	1,515	830 Old Dill Rd.	Suffolk	Suffolk (City)	2343WCMRNC83LDD
151	KMX Chemical Corp	1,500	30474 Energy Dr	New Church	Accomack	23415NWCHRRT709
152	Mar-Bal, Inc.	1,481	5400 Reserve Way	Dublin	Pulaski	24084MRBLN5400R
153	Chaparral (VA) Inc.	1,340	25801 Hofheimer Way	Petersburg	Dinwiddie	23803CHPRR25801
154	Steelfab Of Virginia Inc.	1,274	1510 Reese St	Emporia	Greensville	23847STFBF1510R
155	Us Defense Logistics Agency Defense Supply Center Richmond	1,247	8000 Jefferson Davis Hwy	Richmond	Chesterfield	23297DFNSG8000J
156	Hutchinson Sealing Systems Inc.	1,228	1150 S Third St	Wytheville	Wythe	24382KNGST1150S

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157	Us Penitentiary Lee	1,228	Lee County Ind Us Trial Park Hickory Flats Rd	Pennington Gap	Lee	24277SPNTNLEECI
158	Chemsolv Inc.	1,175	1140 Ind Us Try Ave Se	Roanoke	Roanoke	24013CHMSL1140I
159	Commonwealth Galvanizing	1,138	10988 Leadbetter Rd	Ashland	Hanover	2300WCMMNW1988L
160	Federal Correctional Complex	1,123	1060 River Rd	Hopewell	Prince George	23860BRFPR16RIV
161	Kinder Morgan Transmix Company, LLC	1,044	3302 Deepwater Terminal Rd	Richmond	Richmond (City)	23234PRMRY3302D
162	Univar USA Inc. Chester Facility	1,043	1001 Old Bermuda Hundred Rd	Chester	Chesterfield	23836PRLLM1001O
163	Degesch America Inc.	1,031	153 Triangle Dr	Weyers Cave	Augusta	24486DGSCH275TR
164	UPACO Adhesives Inc.	1,000	4105 Castlewood Rd	Richmond	Richmond (City)	23234PCDHS4105C
165	Standex Engraving LLC	990	5901 Lewis Rd	Sandston	Henrico	23150RNTRN5901L
166	CPFilms Inc.-Plant 1	984	4210 The Great Rd	Fieldale	Henry	24089MRTNPROUTE
167	PINC Products Inc.	914	315 Carver Rd	Martinsville	Henry	24112PNPRD315CA
168	Associated Asphalt Hopewell LLC	765	410 Water St	Hopewell	Hopewell (City)	2386WSSCTD41WAT
169	Newington Concrete Plant	734	8413 Terminal Rd	Newington	Fairfax	22122NWNGT8413T
170	HP Hood LLC	727	160 Hood Way	Winchester	Frederick	22602HPHD 160HO
171	Bren Mar	650	6315 Bren Mar Dr	Alexandria	Fairfax	2231WBRNMR6315B
172	Accutec Blades, Inc.	641	57 Razor Blade Ln	Verona	Augusta	24482MRCNSRAZOR
173	RTI Martinsville Inc.	637	101 RTI Way	Martinsville	Henry	2411WRTMRT11RTI

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174	Titan Wheel Corp Of Virginia	602	227 Allison Gap Rd	Saltville	Smyth	24370TDWHL227AL
175	TCS Materials Richmond Plant	521	2100 Deepwater Terminal Road	Richmond	Richmond (City)	2322WTCSMT21DEE
176	Bleachtech LLC	510	2020 Bessemer Rd	Petersburg	Petersburg (City)	23805BLCHT22BES
177	MXI Environmental Services, LLC	501	26319 Old Trail Rd (St Rte. 679)	Abingdon	Washington	2421WMXNVR26319
178	Arkema Inc. Franklin Plant	500	27047 Shady Brook Trail	Courtland	Southampton	2383WRKMNC2747S
179	Dominion Chemical Co Inc.	500	2050 Puddledock Rd	Petersburg	Petersburg (City)	23803DMNNC2050P
180	C R Hudgins Plating Inc.	477	3600 Candlers Mountain Rd	Lynchburg	Lynchburg (City)	24506CRHDG4510M
181	The Goodyear Tire & Rubber Co.	430	1901 Goodyear Blvd	Danville	Danville (City)	24541THGDY1435G
182	Parker Hannifin Integrated Seals Div.	409	3700 Mayflower Dr	Lynchburg	Lynchburg (City)	24501WYNNS3700M
183	Mecklenburg Power Station	382	204 Cogen Dr	Clarksville	Mecklenburg	23927MCKLN204CO
184	Volvo Group North America, LLC	347	4881 Cougar Trail Road	Dublin	Pulaski	24084VLVGMROUTE
185	Mehler Engineered Products	326	175 Mehler Ln	Martinsville	Henry	24112MHLRN175ME
186	Morgan Lumber Company, Inc.	313	628 Jeb Stuart Highway	Red Oak	Charlotte	2396WMRGNL628JE
187	Redland Brick Inc.-Lawrenceville Plant	302	16024 Governor Harrison Pkwy	Lawrenceville	Brunswick	23868BRCKTHWY58

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188	Tecton Products LLC	297	5415 Corporate Cir	Salem	Roanoke	24153TCTNP5415C
189	Bush Center For Intelligence (Cia)	260	1000 Colonial Farm Rd	Mclean	Fairfax	2210WCHDQRRUTES
190	Virginia Concrete Edsall Road Plant	251	5412 Ind Us Trial Dr	Springfield	Fairfax	22151VRGNC6995E
191	Superflo Inc.	250	4625 Lee Hwy	Marion	Smyth	2435WSPRFL4625L
192	Owens-Brockway Glass Container Inc. Plant 29	241	State Rd	Ringgold	Pittsylvania	24586WNSBRSTATE
193	Electroplate-Rite Corp	225	5529 Lee Hwy	Dublin	Pulaski	24084LCTRPUSRTE
194	Hoover Treated Wood Products, Inc.	221	18315 House Dr	Milford	Caroline	22514HVRTRCAROL
195	Virginia Concrete Gainesville Plant	218	7300 Rail Line Ct	Gainesville	Prince William	2015WVRGNC73RAI
196	Us Navy Defense Fuel Support Point Craney Island	207	4501 Cedar Ln Bldg. 288	Portsmouth	Portsmouth (City)	23703CRNYS4501C
197	US CBP Canine Training Facility Firing Range #Va0040	191	828 Harmony Hollow Rd	Front Royal	Warren	22630SCSTM828HA
198	Virginia Concrete Shirlington Plant	182	2651 Shirlington Road	Arlington	Arlington	22206VRGNC2651S
199	Southern Graphic Systems Richmond	181	5301 Lewis Rd	Sandston	Henrico	23150STHRN531LE
200	Virginia Concrete Falls Church Plant	167	7103 Gordon Rd	Falls Church	Falls Church (City)	22043VRGNC7103G

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201	US Army National Guard CTC Camp Pendleton (Ranges)	167	203 Red Horse Drive	Virginia Beach	Virginia Beach (City)	2345WCTCCM23RED
202	Us Navy Defense Fuel Support Point Yorktown Fuels	147	Yorktown Fuel Terminal	Yorktown	York	23690SNVYDYRKTW
203	New Millennium Building Systems	137	100 Diuguids Lane	Salem	Roanoke	24153JHNWH2535D
204	Airdye Solutions LLC	120	1000 Pleasant Valley Rd	Harrisonburg	Rockingham	22801STRYS500PL
205	Kyanite Mining Corp Mullite Plant	107	5836 Buffalo Road	Dillwyn	Buckingham	23936KYNTMRTE15
206	Spotsylvania Plant	106	8520 Indian Hills Ct.	Fredericksburg	Spotsylvania	2240WSPTSY852IN
207	James River Cogeneration Co Inc.	102	912 E Randolph Rd	Hopewell	Hopewell (City)	23860JMSRV912ER
208	Titan Virginia Ready-Mix LLC-Sterling Plant	89	22963 Concrete Plaza	Sterling	Loudoun	2016WTTNVR22963
209	O-N Minerals (Chemstone) Strasburg Lime Plant	88	1696 Oranda Rd	Strasburg	Shenandoah	22657GLBLS1696O
210	Hubbell Lighting Inc.	85	2000 Electric Way	Christiansburg	Montgomery	24073HBBLL2000E
211	Altec Industries, Inc.	83	325 South Center Drive	Daleville	Botetourt	2408WLTCND325SU
212	Steel Fab A Div. Of Samuel Pressure Vessel Group	82	58 Samuel Way	Lebanon	Russell	2426WSTLFB58SAM
213	TMS International, LLC	80	25805 Hofheimer Way	Petersburg	Dinwiddie	23803MSDVT2585H

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214	Graham-White Manufacturing Co.	73	1242 Colorado St	Salem	Roanoke	24153GRHMW1242C
215	U.S. DoJ FBI Training Academy	70	Mcb-4 Building 15-Fmu	Quantico	Stafford	22135SDJFBMCB4B
216	Cox Wood Of Virginia	70	2960 Cox Rd	Blackstone	Nottoway	23824TYLRRHIGHW
217	Us Navy Naval Station Norfolk Range	70	1530 Gilbert St	Norfolk	Norfolk (City)	23511NVLBS1530G
218	U.S. Nasa GSFC Wallops Flight Facility	66	34200 Fulton Street	Wallops Island	Accomack	23337SNSGDWALLO
219	Carpenter Co Richmond Plant	61	2400 Jefferson Davis Hwy	Richmond	Richmond (City)	23234RCRPN2400J
220	Stafford Plant	60	169 Wyche Rd	Stafford	Stafford	2255WSTFFR169WY
221	Ge Alstom Richmond Service Center	56	1200 Willis Rd	Richmond	Chesterfield	23237LSTMP1200W
222	United States Gypsum Co	54	1424 S Main St	Norfolk	Norfolk (City)	23523NTDST1001B
223	Atlantic Pole & Piling - Newsoms	50	21366 General Thomas Hwy	Newsoms	Southampton	23874TLNTCRTE67
224	Nordson Xaloy Inc.	48	102 Xaloy Way	Pulaski	Pulaski	24301XLYNC101XA
225	Bingham & Taylor	41	601 Nalle Pl	Culpeper	Culpeper	2270WBNGHM61NAL
226	Daikin Applied	37	207 Laurel Hill Rd	Verona	Augusta	24482SNYDRRT612
227	Medeco Security Locks Inc.	37	3625 Allegheny Dr	Salem	Roanoke	24153MDCSCUS11A
228	Carry-On Trailer Corp	33	617 Harry Hogan Rd	Callao	Northumberland	22435CRRYN617HA
229	Arbortech Forest Products, Inc.	28	500 Dearing Avenue	Blackstone	Nottoway	2382WRBRTC5DEAR

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230	Owens-Brockway Glass Container Inc. Plant 26	28	150 Industrial Blvd	Toano	James City	23168WNSLL150IN
231	King George Plant	28	13250 James Madison Parkway	King George	King George	2248WKNGGR1325J
232	Howell Metal Co	26	574 Depot Rd	New Market	Shenandoah	22844HWLLM574DE
233	Old Dominion Electric Co-Op Marsh Run Generation Facility	26	12109 Lucky Hill Rd	Remington	Fauquier	22734LDDMN1219L
234	Mechanicsville Concrete LLC-Airport Plant (Oakleys Lane)	25	4481 Oakleys Lane	Henrico	Henrico	2322WMCHNC4481A
235	Trelleborg Marine Systems USA, Inc.	25	532 Jack Enders Blvd	Berryville	Clarke	2261WTRLLB532JA
236	Mechanicsville Concrete LLC-Chesterfield Plant	23	3501 Warbro Road	Midlothian	Chesterfield	2311WMCHNC351WA
237	Sun Chemical Corp	21	16000 Continental Blvd	Colonial Heights	Colonial Heights (City)	23834SNCHM16000
238	Titan Virginia Ready-Mix LLC-Campostella Plant	21	2125 Kimball Terrace	Norfolk	Norfolk (City)	2350WTTNVR2125K
239	Tempur Production USA Inc.	20	203 Tempurpedic Dr	Duffield	Scott	24244TMPRP4700B
240	AGC Flat Glass Na Abingdon Plant	20	18370 Oak Park Dr	Abingdon	Washington	24210FGCTN1837A
241	Mitsubishi Kagaku Imaging Corp	19	401 Volvo Pkwy	Chesapeake	Chesapeake (City)	23320MTSBS401VO

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242	Old Dominion Electric Co-Op Louisa Generation Facility	19	3352 Klockner Rd	Gordonsville	Louisa	22942LDDMN3352K
243	Blue Ridge Fiberboard	19	250 Celotex Drive	Danville	Pittsylvania	24543WDFBRMASON
244	Associated Asphalt Roanoke, LLC	18	2677 Roanoke Ave SW	Roanoke	Roanoke (City)	24015SSCTD2677R
245	Abbott Laboratories	18	1518 Main St(Us Rte. 29 Business)	AltaVista	Campbell	24517RSSLBRT29B
246	Falmouth Ready Mix Concrete	16	301 Warrenton Road	Falmouth	Stafford	2240WFLMTH31WAR
247	Associated Asphalt Bristol, LLC	14	10 Spurgeon Lane	Bristol	Bristol (City)	2420WSSCTD1SPUR
248	Modine Manufacturing Co	11	1221 Magnolia Ave	Buena Vista	Rockbridge	24416MDNMN1221M
249	Catalina Cylinders Inc.	10	2400 Aluminum Ave	Hampton	Hampton (City)	23666CTLNC2400A
250	Bohler Uddeholm Corporation	10	2306 Eastover Dr	South Boston	Halifax	24592CKCMPSTATE
251	Aetna Insulated Wire LLC.	10	1537 Air Rail Ave	Virginia Beach	Virginia Beach (City)	23455TNNSL1537A
252	Mechanicsville Concrete LLC-Petersburg Plant	10	26317 Simpson Rd	Petersburg	Dinwiddie	2380WMCHNC26317
253	Metalsa Roanoke Inc.	9	184 Vista Dr	Roanoke	Botetourt	24019TWRTM184VI
254	Murphy-Brown LLC Waverly Feed Mill	9	27404 Cabin Point Rd	Waverly	Sussex	23890MRPHY27404
255	U.S. Navy Naval Air Station Oceana Range	9	1750 Tomcat Blvd	Virginia Beach	Virginia Beach (City)	23460SNVLROCEAN

Rank	Facility Name	Total On-Site Releases (lbs.)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
256	Us Coast Guard Base Portsmouth	8	4000 Coast Guard Blvd	Portsmouth	Portsmouth (City)	23701SDTSC4000C
257	TE Connectivity	8	751 Old Brandy Rd	Culpeper	Culpeper	22701THRCH751OL
258	American Buildings Company-La Crosse	8	501 Golden Eagle Dr	La Crosse	Mecklenburg	23950MRCNB51GLD
259	Us Army Garrison Fort Belvoir	7	9430 Jackson Loop	Fort Belvoir	Fairfax	2206WSRMYF943JA
260	CWW Conveyor Systems Inc.	6	107 Raintree Rd	Hillsville	Carroll	2434WCTRPL17RAI
261	U.S. DoD, USAF, Joint Base Langley Eustis - Langley AFB	6	633 CES/CEIE 37 Sweeney Blvd	Langley AFB	Hampton (City)	23665SRFRC1CESC
262	Everbrite LLC	6	627 E 30Th St	Buena Vista	Buena Vista (City)	24416VRBRT627EA
263	US DHS Mt Weather EOC	6	19844 Blue Ridge Mountain Rd	Bluemont	Loudoun	20135SDHSM19844
264	Portsmouth Genco LLC	6	1 Wild Duck Ln	Portsmouth	Portsmouth (City)	23703CGNTR1WILD
265	Ge Drives & Controls	5	1501 Roanoke Blvd	Salem	Salem (City)	24153DRVSY1501R
266	Us Navy Joint Expeditionary Little Creek Range	5	2600 Tarawa Ct Suite 100	Norfolk	Norfolk (City)	23521SDDSN2600T
267	Safety-Kleen Systems Vinton (ROA)	5	16090 Stewartsville Rd	Vinton	Roanoke	24179SFTYKRTE24
268	Shamrock Foods Dairy Div. Verona Virginia	5	318 Mill Pl Pkwy	Verona	Augusta	2448WSHMRC318MI
269	Utility Trailer Mfg. Co.	4	124 Mountain Empire Road	Atkins	Smyth	24311TLTYTSTATE

Rank	Facility Name	Total On-Site Releases (lbs.)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
270	Safety-Kleen Systems Manassas (Man)	4	11520 Balls Ford Rd	Manassas	Prince William	22110SFTYK11520
271	Safety-Kleen Systems Chester (CVA)	4	1200 W 100 Rd	Chester	Chesterfield	23831SFTYK1200W
272	Chantilly Ready Mix Concrete	4	25232 Willard Road	Chantilly	Loudoun	2015WCHNTL25232
273	ABB Inc.	3	2135 Philpott Rd	South Boston	Halifax	24592WSTNGHIGHW
274	Gala Industries Inc.	3	181 Pauley St	Eagle Rock	Botetourt	24085GLNDSRFD2B
275	Hirschfeld Industries Bridge, LLC	3	15083 Industrial Park Rd	Bristol	Washington	24202CRLNS1583I
276	Boxley Concrete Products Of VA Inc. Roanoke plant	2	3830 Blue Ridge Dr	Roanoke	Roanoke (City)	24019BXLYC383BL
277	Bae Systems Information & Electronic Systems Integration I	2	9300 Wellington Rd	Manassas	Prince William	20110BSYSN9300W
278	Branscome-Lee Hall	1	9393 Merrimac Trail	Williamsburg	James City	23185BRNSC9393M
279	Greystone Of Virginia Inc.	1	7992 Richmond Rd	Toano	James City	23168GRYST7992R
280	Branscome-Hampton	1	1922 W Pembroke Ave	Hampton	Hampton (City)	23661BRNSC1922W
281	Branscome Inc.-Norfolk Westminster	1	3425 Westminster Ave	Norfolk	Norfolk (City)	23504BRNSC3425W
282	Ge Intelligent Platforms	1	2500 Austin Drive	Charlottesville	Albemarle	22901GFNCTUS29N
283	Amsted Rail Co Inc.	1	2580 Frontage Rd	Petersburg	Petersburg (City)	23804BRNCNPETER
284	Safety-Kleen Systems Chesapeake (CPK)	1	4545 Bainbridge Blvd	Chesapeake	Chesapeake (City)	23320SFTYK4545B
285	KIK (Virginia) LLC	1	27 Mill Ln	Salem	Roanoke	24153THDLC27MIL

Rank	Facility Name	Total On-Site Releases (lbs.)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
286	Virginia Mirror Co Inc.	1	300 S Moss St	Martinsville	Henry	24112VRGNM300MO
287	Bear Garden Generating Station	1	2608 C.G. Woodson Road	New Canton	Buckingham	2312WBRGRD268CG
288	Sonoco Richmond	1	1850 Commerce Rd	Richmond	Richmond	23224SNCPR1850C
289	Lynchburg Steel Co LLC	1	275 Francis Ave	Monroe	Amherst	24574LYNCHRT29N
290	St Tissue LLC	1	34050 Union Camp Dr	Franklin	Isle Of Wight	2385WSTTSS345UN
291	BKEP Materials, LLC -- Newport News VA	1	801 Terminal Ave	Newport News	Newport News (City)	23607KCHPT801TE
292	Taylor & Boody Inc.	0	8 Hewitt Rd	Staunton	Augusta	24401TYLRB8HEWE
293	Dominion Remington Power Station	0	12025 Lucky Hill Road	Remington	Fauquier	2273WDMNNR1225L
294	Rock-Tenn Co	0	1801 Concord Turnpike	Lynchburg	Lynchburg (City)	24505MDPPR1801C
295	Ladysmith Combustion Turbine Station	0	8063 Cedon Rd	Woodford	Caroline	22580LDYSM863CE
296	Concrete Pipe & Precast LLC-Hanover Pipe Plant	0	10350 Design Rd	Ashland	Hanover	2300WMRCST135DE
297	Flint Group Na Corp	0	106 Triangle Dr	Weyers Cave	Augusta	24486CPTLPSTATE
298	ASB Greenworld, Inc.	0	496 Airport Road	Mattaponi	King And Queen	2311WSBGRN496AI
299	Concrete Pipe & Precast LLC-Ashland Precast Plant	0	11352 Virginia Precast Rd	Ashland	Hanover	2300WSSRCM312MI
300	Concrete Pipe & Precast LLC Chesapeake Plant	0	3801 Cook Blvd	Chesapeake	Chesapeake (City)	23323HNSNP381CK
301	Anchor An Oldcastle Co	0	16326 Ind Us Trial Dr	Milford	Caroline	22514MRCNS16326

Rank	Facility Name	Total On-Site Releases (lbs.)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
302	Concrete Pipe & Precast LLC-Salem #1 Plant	0	2000 Salem Ind Us Trial Dr	Salem	Roanoke	2415WCNCRT2SALE
303	Virginia Concrete Dulles Plant	0	44866 Old Ox Road	Sterling	Loudoun	22170VRGNC44866
304	Columbus Mckinnon Corp	0	22364 Jeb Stuart Hwy	Damascus	Washington	24236CLMBSRTE1B
305	Concrete Pipe & Precast LLC-Harrisonburg Precast Plant	0	210 Stone Spring Rd	Harrisonburg	Rockbridge	2280WVLLYB21STN
306	Virginia Concrete Leesburg Plant	0	659 Builders Ln	Ashburn	Loudoun	2207WVRGNC659BU
307	Titan Virginia Ready-Mix LLC-Leesburg Plant	0	42105 Cochran Mill Rd	Leesburg	Loudoun	2017WTTNVR4215C
308	Titan Virginia Ready-Mix LLC-Springfield Plant	0	6600 Electronic Dr	Springfield	Fairfax	22151STHRN6600E
309	Titan Virginia Ready-Mix LLC-Port Norfolk Plant	0	101 Chautauqua Avenue	Portsmouth	Portsmouth (City)	2370WTTNVR11CHA
310	Titan Virginia Ready-Mix LLC-Centreville Plant	0	15718 Lee Highway	Centreville	Fairfax	2202WTTNVR15718
311	Pre Con, Inc.	0	321 Brown St	Petersburg	Petersburg (City)	2380WPRCNN321BR
312	Kaiser Aluminum Fabricated Products LLC	0	1901 Reymet Rd	Richmond	Chesterfield	23237RYNLD1901R
313	Virginia Concrete Dumfries Plant	0	217 Canal Rd	Dumfries	Prince William	2202WVRGNC217CA
314	Superior Concrete Inc.-Harrisonburg	0	1526 County Club Rd	Harrisonburg	Rockingham	2280WSPRRC1526C

Rank	Facility Name	Total On-Site Releases (lbs.)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
315	Titan Virginia Ready-Mix LLC-Oceana Plant	0	160 Oceana Blvd.	Virginia Beach	Virginia Beach (City)	2345WTTNVR16CEA
316	Titan Virginia Ready-Mix LLC-Stafford Plant	0	48 Powell Ln	Falmouth	Stafford	2240WTTNVR48PWE
317	Argos Ready Mix Bryan Park Concrete Plant	0	4607 Racrete Rd	Richmond	Henrico	23230RDYMX457RA
318	Argos Warboro Rd Concrete Plant	0	3636 Warbro Rd	Midlothian	Chesterfield	2311WRGSWR3636W
319	Titan Virginia Ready-Mix LLC-Clear Brook Plant	0	1383 Brucetown Road	Clear Brook	Frederick	2262WTTNVR1383B
320	Virginia Concrete Centreville Plant	0	15717 Lee Hwy	Centreville	Fairfax	2202WVRGNC15717
321	Virginia Concrete-Stafford Plant	0	32 Wyche Rd	Stafford	Stafford	2255WVRGNC32WYC
322	Virginia Concrete Woodbridge Plant	0	936 Annapolis Way	Woodbridge	Prince William	2219WVRGNC936AN
323	Titan Virginia Ready-Mix LLC-Dumfries Plant	0	3454 Canal Road	Dumfries	Prince William	2202WTTNVR3454C
324	TCS Materials Newport News	0	700 Shields Road	Newport News	Newport News (City)	2318WTCSMT7SHIE
325	Virginia Concrete Co Inc.-Chantilly	0	25086 Tanner Ln	Chantilly	Loudoun	2015WVRGNC2586T
326	Ready Mixed Concrete Co	0	4608 Racrete Rd	Richmond	Henrico	2323WMCHNC468RA
327	Oldcastle Precast Inc.	0	5115 Massaponax Church Rd	Fredericksburg	Spotsylvania	22407RTNDP5115M
328	Micrometrics System	0	225 Jeb Stuart Hwy	Meadows Of Dan	Patrick	24120MCRMT2900W

Rank	Facility Name	Total On-Site Releases (lbs.)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
329	Us Coast Guard Training Center Yorktown	0	1 Us Coast Guard Training Center	Yorktown	York	23690SCSTGENDOF
330	Blue Ridge Solvents & Coatings	0	3800 Original Henry Rd	Henry	Franklin	24102BLRDGSTATE
331	Novozymes	0	420 Kesler Mill Rd	Salem	Salem (City)	2415WNVZYM42KES
332	Banker Steel Company, LLC	0	1619 Wythe Rd	Lynchburg	Lynchburg (City)	24502MNTGB1619W
333	Banker Steel Company, LLC	0	351 Rangoon Road	Lynchburg	Campbell	2450WBNKRS351RA
334	METL-Span A Div. Of NCI Group Inc.	0	1703 Ruffin Mill Rd	Colonial Heights	Colonial Heights (City)	2383WMTLSP173RU
335	Us Army Joint Base Myer-Henderson Hall Firing Range (Part)	0	204 Lee Ave	Fort Myer	Arlington	2221WSRMYJ24LEE
336	Hunt Country Propane	0	535 Jack Enders Blvd	Berryville	Clarke	2261WHNTCN535JA
337	METL-Span, A Division Of NCI Group, Inc.	0	6001 Quality Way	Prince George	Prince George	23875MTLSP6001Q
338	Trim Systems	0	320 Newbern Rd	Dublin	Pulaski	24084TRMSY320NE
339	Munters	0	225 S Magnolia Ave	Buena Vista	Rockbridge	2441WDSCHM225SM
340	Us Army Fort AP Hill Ranges (Part)	0	19952 N Range Rd	Bowling Green	Caroline	22427SRMYF18902
341	Tyson Farms Inc. - Feed Mill	0	1938 Patrick Henry Hwy	Jetersville	Nottoway	23083HLLYFUSHWY
342	Moog Inc.	0	1213 N Main St	Blacksburg	Montgomery	24060LTTNP1213N

Rank	Facility Name	Total On-Site Releases (lbs.)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
343	Blue Ridge Wood Preserving Inc.	0	1220 Hendricks Store Rd	Moneta	Bedford	24523SMTHMPOBOX
344	Mitsubishi Plastics Composites America	0	401 Volvo Pkwy	Chesapeake	Chesapeake (City)	23320MTSBS401VA
345	Industrial Chemicals Inc.	0	2540 Bellwood Rd	Richmond	Chesterfield	23237NDLCH2540B
346	Boar's Head Provisions Co Inc.-Jarratt	0	2230 Wyatts Mill Rd	Jarratt	Greensville	23867BRSHD2230W
347	Valley Proteins, Inc. - Accomack	0	22528 Lankford Highway	Accomack	Accomack	2330WVLLYP22528
348	Land-O-Sun Dairies LLC (Dba Pet Dairy) Richmond	0	1505 Robin Hood Rd	Richmond	Richmond (City)	23220RCHFD1505R
349	Accellent	0	200 S. Yorkshire Street	Salem	Roanoke	24153NBLMT200SY
350	WWF Operating Co	0	6364 S Valley Pike	Mount Crawford	Rockingham	22841SHNND6364S
351	AERCOM Inc.	0	3301 Rosedale Ave Ste D	Richmond	Richmond (City)	23005RCCMN116SY
352	Madison Wood Preservers Inc.	0	216 Oak Park Rd	Madison	Madison	22727MDSNWSTARR
353	Mapei Corp	0	300 Nelms Cir	Fredericksburg	Stafford	22406MPCRP3NELM
354	WR Grace & Co-Conn Grace Construction Products	0	1101 International Pkwy	Fredericksburg	Stafford	22406WRGRC1101I
355	Westover Dairy	0	2801 Fort Ave	Lynchburg	Lynchburg (City)	24501WSTVR2801F
356	Webb Enterprises LLC American Mirror	0	602 E Stuart Dr	Galax	Galax (City)	24333MRCNMPOBOX

Rank	Facility Name	Total On-Site Releases (lbs.)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
357	VPGC LLC Broadway Feedmill	0	410 S Main St	Broadway	Rockingham	22815WMPLRRTE42
358	Johns Manville Corp Hamilton Plant	0	7400 Ranco Rd	Richmond	Henrico	23228MNVLL7400R
359	Amcor Tobacco Packaging	0	701 Algroup Way	Chester	Chesterfield	2383WMCRTB71ALL
360	Amelia Lumber Co Inc.	0	8680 Crowder St	Amelia Court House	Amelia	23002MLLMB16951
361	Us Navy Fleet Combat Training Center ATL Dam Neck Range	0	1912 Regul Us Ave	Virginia Beach	Virginia Beach (City)	23461SNVYF1912R
362	Zenith Fuel Systems LLC	0	14570 Industrial Park Rd	Bristol	Washington	24201FCTFL1048I
363	Us DoD Warrenton Training Center Station C Range	0	7248 Sumerduck Rd	Remington	Fauquier	2273WSDDSR7248S
364	Mennel Milling Co Of Virginia	0	5185 Benois Rd	Roanoke	Roanoke	24018MNNLM5185B
365	Us Navy Cheatham Annex Base Range	0	108 Sanda Ave Bldg. 270	Williamsburg	York	23185SNVYC18SAN
366	Grottoes Plastics Plant	0	149 Grand Caverns Dr	Grottoes	Augusta	24441RYNLDCAVER
367	Us Navy Joint Expeditionary Fort Story Range	0	300 Guadalcanal Rd	Virginia Beach	Virginia Beach (City)	2345WSNVYJ3GUAD
368	Marva Maid Dairy	0	5500 Chestnut Ave	Newport News	Newport News (City)	23605MRVMD5500C

Rank	Facility Name	Total On-Site Releases (lbs.)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
369	International Cold Storage	0	5678 Heards Mountain Rd	Covesville	Albemarle	22931NTRNTROUTE
370	JCI Jones Chemicals Inc.	0	16248 Industrial Dr	Milford	Caroline	22514JNSCHRT640
371	Us Navy Yorktown Naval Weapons Station Base Range	0	Rte. 238	Yorktown	York	2369WSNVYYRUTE2
372	James Hardie Building Products Pulaski	0	1000 James Hardie Way	Pulaski	Pulaski	24301JHBPP1JAME
373	ABB Inc.	0	171 Industry Drive	Bland	Bland	24315BBPWRSTRTE
374	Valcom Inc.	0	5614 Hollins Rd	Roanoke	Roanoke	24019VLCMN5614H
375	Valley Proteins Inc.-Winchester Facility	0	1635 Indian Hollow Rd	Winchester	Frederick	22603VLLYP1444I
376	Us DoD Warrenton Training Center Station B Range	0	7471 Bear Wallow Rd	Warrenton	Fauquier	2018WSDDSR7471B
377	Tread Corp	0	176 Eastpark Dr	Roanoke	Botetourt	24019VFPNC4520E
378	Sabra Dipping Co LLC	0	15900 Sabra Way	Colonial Heights	Chesterfield	2383WSBRDP159SA
379	Burlington Medical, LLC	0	3 Elmhurst St	Newport News	Newport News (City)	2360WBRLNG3ELMH
380	Smith Mountain Industries	0	200 Toy Lane	Blairs	Pittsylvania	2455WSMTHM1DILL
381	Smith Mountain Industries	0	1000 Dillard Dr	Lynchburg	Lynchburg (City)	2455WSMTHM1DILB
382	Creative Playthings Ltd.	0	859 Industrial Dr	Emporia	Greensville	23847CRTVP859IN
383	Culpeper Wood Preservers	0	15487 Braggs Corner Rd	Culpeper	Culpeper	22701CLPPRROUTE
384	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
385	Qualichem Inc.	0	2003 Salem Industrial Dr	Salem	Salem (City)	2415WQLCHM23SAL
386	Semco Ducts & Acoustical Products Inc.	0	1967 Blue Hills Dr Ne	Roanoke	Roanoke	24012SMCDC1967B
387	Schrader-Bridgeport International	0	205 Frazier Rd	AltaVista	Campbell	24517PDMNT205FR
388	Sandvik Mining & Construction Co	0	15020 Ind Us Trial Park Rd	Bristol	Washington	24201SNDVK1000I
389	Forum Energy Technologies-Syntech	0	7371 Lockport Pl	Lorton	Fairfax	2207WSYNTC7371L
390	Quarles Petroleum Inc. Harrisonburg Bulk Plant	0	1006 W Market St	Harrisonburg	Harrisonburg (City)	22801QRLSP1006W
391	Flowserve Us Inc.	0	3900 Cook Blvd	Chesapeake	Chesapeake (City)	23323NGRSL3900C
392	General Dynamics Armament & Technical Products Inc.	0	150 Johnston Rd	Marion	Smyth	24354BRNSW150JO
393	Fisher Scientific International Mtn Diagnostics Plant	0	8365 Valley Pike	Middletown	Frederick	22645FSHRD8365V
394	Quarles Petroleum Inc. Front Royal Bulk Plant	0	195 Commerce Ave	Front Royal	Warren	22630QRLSP195CO
395	Exelis Inc. - Night Vision	0	7635 Plantation Rd	Roanoke	Roanoke	24019TTLCT7635P
396	Quarles Petroleum Inc. Winchester Bulk Plant	0	779 Smithfield Ave	Winchester	Frederick	22601QRLSP779SM
397	Quarles Petroleum Inc. Culpeper Bulk Plant	0	15427 Brandy Rd	Culpeper	Culpeper	22701QRLSP15427

Rank	Facility Name	Total On-Site Releases (lbs.)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
398	Eternal Technology Corp	0	1800 Touchstone Rd	Colonial Heights	Chesterfield	23834TRNLT18TUC
399	Flowserve Corp Lynchburg VA	0	5114 Woodall Rd	Lynchburg	Campbell	24502LMTRQ5114W
400	Elizabeth River Combustion Turbine Station	0	2837 S Military Hwy	Chesapeake	Chesapeake (City)	23323CMMNW2837S
401	Fleetwood Homes Of Virginia Inc. 19-2	0	90 Weaver St	Rocky Mount	Franklin	24151FLTWD90WEA
402	Electronic Instrumentation & Technology LLC	0	108 Carpenter Dr	Sterling	Loudoun	20164LCTRN108CA
403	EIT South	0	350 Slayton Avenue	Danville	Danville (City)	2454WLCTRN35SLA
404	Eaton Corporation - Williamsburg Manufacturing	0	149 Warwick Court	Williamsburg	York	2318WTNCRP149WA
405	Ruffin Creek Properties LLC	0	10229 Tidewater Trail	Fredericksburg	Spotsylvania	22408RFFNC10229
406	S.L. Williamson Co. Inc. Shop	0	1230 River Road	Charlottesville	Albemarle	2290WSLWLL123RI
407	Continental Automotive Systems Inc.	0	615 Bland Blvd	Newport News	Newport News (City)	23602LLDSG615BL
408	Quarles TCH Bulk Plant	0	73 Seafood Lane	Irvington	Lancaster	2248WQRLST73SEA
409	Tenneco Walker Manufacturing Co	0	3160 Abbott Ln	Harrisonburg	Harrisonburg (City)	22801WLKRM3160A
410	Bowman Andros Products, LLC	0	10119 Old Valley Pike	Mount Jackson	Shenandoah	2284WNDRSF1119L
411	Griffith Energy Services Inc.-Berryville	0	618 E Main St	Berryville	Clarke	22611CLRKC618EM
412	Pascor Atlantic Corp	0	254 Industry Dr	Bland	Bland	24315PSCSTRTE1B

Rank	Facility Name	Total On-Site Releases (lbs.)	Physical Street Address	Post Office City	Actual Physical County or Independent City	Facility ID
413	Great Southern Wood - VA, Inc.	0	1050 N Main St	Rocky Mount	Franklin	24151RCKYTNORTH
414	Trident Seafoods - Bedford	0	940 Orange St	Bedford	Bedford	2452WTRDNT94RAN
415	Trex - Virginia Manufacturing Operations	0	3229 Shawnee Drive	Winchester	Frederick	2260WTRXWN3229S
416	Quarles Petroleum Inc. Manassas Bulk Plant	0	8001 Wellingford Dr	Manassas	Prince William	20109QRLSP8001W
417	Toray Plastics (America) Inc.	0	500 Toray Dr	Front Royal	Warren	22630TRYPL500TO
418	Cargill Meat Solutions Inc.	0	135 Huffman Dr	Dayton	Rockingham	22821RCCTRROUTE
419	Cargill Turkey Production LLC	0	1 Kratzer Rd	Harrisonburg	Rockingham	22802RCCFR1KRAT
420	Pilgrim's Pride Corp Harrisonburg Feed mill	0	590 Mt Clinton Pike	Harrisonburg	Harrisonburg (City)	22801WMPLR590MT
421	Gilmer Industries Inc.	0	560 Stone Spring Rd	Harrisonburg	Harrisonburg (City)	22801GLMRN560ST
422	Potomac Supply LLC	0	1398 Kinsale Rd	Kinsale	Westmoreland	22488PTMCSROUTE
423	Gemini-Farmville	0	102 Hauschild Dr	Farmville	Cumberland	23901GMNFR12HAU
424	George's Foods LLC Feed Mill	0	61 Kratzer Rd	Harrisonburg	Harrisonburg (City)	22801RCCFDPOBOX
425	General Shale Brick Inc. Plant 28	0	7164 Lee Hwy	Atkins	Smyth	24354GNRLSRTE4B
426	Conn-Weld Ind Inc.	0	New Bern Rd State Rd 682	Dublin	Pulaski	24084CNNWLNEWBE
427	Pugh Lubricants Ashland	0	10992 Leadbetter Rd	Ashland	Hanover	23005PGHLB1992L
428	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
429	Mastic Home Exteriors Stuarts Draft	0	185 Johnson Dr	Stuarts Draft	Augusta	24477LCBLDRTE90
430	Chemetrics Inc.	0	4295 Catlett Rd	Midland	Fauquier	20138CHMTR4295C
431	Super Radiator Coils	0	451 Southlake Blvd	Richmond	Chesterfield	23236SPRRD451SO
432	Tidewater Wood Products, LLC	0	5604 City Line Rd	Hampton	Hampton (City)	23661CMMNW5604C
433	Colonial Circuits Inc.	0	1026 Warrenton Rd	Fredericksburg	Stafford	22405CLNLC1026W
434	CMC Rebar	0	9434 Crossroads Pkwy	Fredericksburg	Spotsylvania	22408SMRBR9434C
435	CMC Rebar	0	300 Smi Way	Farmville	Prince Edward	23901SMRBR300SM
436	George's Foods, LLC. Processing Plant	0	501 N Liberty St	Harrisonburg	Rockingham	22801HLLYF501NO
437	Chemtreat Inc.	0	10040 Lickinghole Rd	Ashland	Hanover	23005CHMTR500LI
438	Bondcote Corp	0	509 Burgis Ave	Pulaski	Pulaski	24301WSTPNBURGI
439	Sunlite Plastics Inc.	0	846 Keezletown Rd	Weyers Cave	Augusta	24486SNLGHROUTE

Appendix I-2 - 2015 VA TRI Facility Ranking By On-Site Management

APPENDIX I-2
2015 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	Honeywell International Colonial Heights Plant	339,050,546	15801 Woods Edge Rd	Colonial Heights	Chesterfield	23832LLDSGEXIT5
2	Hercules Incorporated	282,105,024	1111 Hercules Rd	Hopewell	Hopewell (City)	23860QLNCM1111H
3	Bae Systems, Ordnance Systems Inc.	34,444,166	Radford Army Ammunition Plant 4050 Peppers Ferry Road	Radford	Montgomery	24141RDFRDPOBOX
4	International Paper Franklin Mill	19,271,900	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
5	Axalta Coating Systems LLC-Front Royal Plant	12,809,924	7961 Winchester Rd	Front Royal	Warren	22630DPNTFPOBOX
6	Westrock Cp, LLC	7,093,969	1901 Main St	West Point	King William	23181CHSPK19THM
7	Westrock Virginia Corporation (Part)	6,704,550	104 E. Riverside Street	Covington	Covington (City)	24426WSTVCRIVER
8	George's Chicken LLC	5,503,972	19992 Senedo Rd	Edinburg	Shenandoah	22824RCCFRRTE42
9	Wolverine Advanced Materials	4,952,741	3175 State St	Blacksburg	Montgomery	24060WLVRN3175S
10	Danchem Technologies Inc.	3,948,021	1975 Old Richmond Rd	Danville	Pittsylvania	24540DNRVRSTATE
11	Clover Power Station	3,636,000	4091 Clover Rd	Clover	Halifax	24534CLVRPRTE92

Rank	Facility Name	Total On-Site Management (lbs.)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
12	Honeywell International Inc. Hopewell Plant	3,435,902	905 E Randolph Rd	Hopewell	Hopewell (City)	23860LLDSGPOBOX
13	Virginia City Hybrid Energy Center	3,162,000	3425 Russell Creek Rd	Saint Paul	Wise	2428WVRGNC3425R
14	BASF Corp	2,803,843	2301 Wilroy Rd	Suffolk	Suffolk (City)	23434LLDCL2301W
15	Tyson Farms Inc. - Temperanceville	2,386,301	11224 Lankford Hwy	Temperanceville	Accomack	23442HLLYFUSHIG
16	BWXT Nuclear Operations Group, Inc.	2,374,116	1570 Mount Athos Rd	Lynchburg	Campbell	24504BBCCKMTATH
17	Intertape Polymer Corp	2,281,424	1101 Eagle Springs Rd	Danville	Pittsylvania	24540NTRTPSTATE
18	Commonwealth Laminating & Coating Inc.	1,863,314	345 Beaver Creek Dr	Martinsville	Henry	24112CMMNW345BE

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19	Arkema Inc.	1,844,020	601 Tightsqueeze Ind Us Trial Rd	Chatham	Pittsylvania	24531SRTMR601TI
20	Koppers Inc. (Roanoke)	1,747,975	4020 Koppers Rd	Salem	Roanoke	24153KPPRSRT460
21	Micron Technology Inc.	1,395,000	9600 Godwin Dr	Manassas	Prince William	20110DMNNS9600G
22	CPFilms - Plant Ii	1,394,100	4129 The Great Rd	Fieldale	Henry	24089MRTNPRTE68
23	Smithfield-Smithfield Facility (North)	1,112,925	601 N Church St	Smithfield	Isle Of Wight	23430GWLTNHIGHW
24	Birchwood Power Facility	1,081,817	10900 Birchwood Dr	King George	King George	22547BRCHW10900
25	Dynax America Corp	1,049,378	568 E Park Dr	Roanoke	Botetourt	24019DYNXM568EP
26	Celanese Acetate LLC - Celco Plant	895,582	3520 Virginia Ave	Narrows	Giles	24124HCHSTRT460

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27	Ardagh Metal Packaging USA Inc.	860,000	5022 Hollins Rd	Roanoke	Roanoke (City)	2401WRDGHM522HL
28	Mehler Engineered Products	831,811	175 Mehler Ln	Martinsville	Henry	24112MHLRN175ME
29	American Electric Power Clinch River Plant	820,000	Junction Of St Rts 664 & 665	Cleveland	Russell	24225MRCNLJUNCT
30	Wolverine Advanced Materials	798,956	201 Ind Us Trial Park Rd	Blacksburg	Montgomery	24060WLVRN201IN
31	Georgia-Pacific Big Island Mill	616,203	9363 Lee-Jackson Hwy	Big Island	Bedford	24526NKSPCHIGHW
32	Tyson Farms Inc. - Processing Facility	606,896	13264 Mountain Rd	Glen Allen	Hanover	20360HLLYF3301U
33	DuPont Teijin Films	602,864	3600 Discovery Dr	Chester	Chesterfield	23860CMRCSBERMU

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34	Spruance Genco LLC	595,067	5001 Commerce Rd	Richmond	Richmond (City)	23234CGNTR5001C
35	Merck Sharp & Dohmer Corp.	547,781	2778 Se Side Hwy	Elkton	Rockingham	22827MRCKCHIGHW
36	Greif Packaging LLC	504,138	861 Fibre Plant Rd	Amherst	Amherst	24521VRGNFROUTE
37	VPGC LLC Hinton Facility	467,499	6349 Rawley Pike Hwy 33 We	Hinton	Rockingham	22831WMPLRUSRT3
38	Huber Engineered Woods LLC	434,349	1000 Chaney Ln	Crystal Hill	Halifax	24539JMHBRRT3HW
39	Perdue Farms Accomack Processing Plant	420,208	22520 Lankford Hwy	Accomack	Accomack	23301PRDNCROUTE
40	Philip Morris USA Park 500 Site	408,306	4100 Bermuda Hundred Rd	Chester	Chesterfield	23831PHLLP4100B

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41	New Market Poultry LLC	370,800	145 Old East Cross Road	New Market	Shenandoah	2284WNWMRK145LD
42	Georgia-Pacific Wood Products LLC - Brookneal Osb	348,000	11795 Brookneal Highway	Gladys	Campbell	24554GRGPCHIGHW
43	Sterilization Services Of Virginia	336,579	5674 Eastport Blvd	Richmond	Richmond (City)	23231STRLZ5674E
44	WWF Operating Co	293,838	6364 S Valley Pike	Mount Crawford	Rockingham	22841SHNND6364S
45	Toray Plastics (America) Inc.	275,419	500 Toray Dr	Front Royal	Warren	22630TRYPL500TO
46	Wako Chemicals USA Inc.	163,900	1600 Bellwood Rd	Richmond	Chesterfield	23237WKCHM1600B
47	DuPont Spruance Plant	163,539	U.S. Hwy 1 At Cogbill Rd	Richmond	Chesterfield	23234DPNTSUSHIG

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48	Dominion Resources Inc. Yorktown Power Station	148,000	1600 Waterview Rd	Yorktown	York	23692YRKTW1600W
49	Philip Morris USA Commerce Road Site	117,669	3601 Commerce Rd	Richmond	Richmond (City)	23234PHLLP3601C
50	Westrock Cp, LLC	103,215	910 Industrial St	Hopewell	Hopewell (City)	23860STNHP910IN
51	General Shale Brick Inc. Plant 35 & 36	99,317	2353 Webster Rd	Roanoke	Botetourt	24064GNRLS770WE
52	Sabra Dipping Co LLC	89,544	15900 Sabra Way	Colonial Heights	Chesterfield	2383WSBRDP159SA
53	CPFilms Inc.-Plant 1	85,700	4210 The Great Rd	Fieldale	Henry	24089MRTNPROUTE
54	HP Hood LLC	82,471	160 Hood Way	Winchester	Frederick	22602HPHD 160HO

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55	Alliant Techsystems Operations LLC (New River Energetics)	76,838	Rt 114 Radford Army Ammunition Plant	Radford	Montgomery	24141NWRVRRTE11
56	Miller Coors-Shenandoah	75,254	5135 S Eastside Hwy	Elkton	Rockingham	22827DLPHCROUTE
57	Invista Sa Rl-Waynesboro Facility	72,000	400 Du Pont Blvd	Waynesboro	Augusta	22980DPNTWDUPON
58	Mecklenburg Power Station	69,300	204 Cogen Dr	Clarksville	Mecklenburg	23927MCKLN204CO
59	U.S. Amines (Portsmouth) LLC	64,873	3230 W Norfolk Rd	Portsmouth	Portsmouth (City)	23703CLNSC3230E
60	Land-O-Sun Dairies LLC (Dba Pet Dairy) Richmond	64,680	1505 Robin Hood Rd	Richmond	Richmond (City)	23220RCHFD1505R

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61	Us Navy Defense Fuel Support Point Craney Island	62,110	4501 Cedar Ln Bldg. 288	Portsmouth	Portsmouth (City)	23703CRNYS4501C
62	Catalina Cylinders Inc.	55,476	2400 Aluminum Ave	Hampton	Hampton (City)	23666CTLNC2400A
63	Possum Point Power Station	53,400	19000 Possum Point Rd	Dumfries	Prince William	22026PSSMP19000
64	George's Foods, LLC. Processing Plant	45,052	501 N Liberty St	Harrisonburg	Rockingham	22801HLLYF501NO
65	Viasystems Technologies Corp LLC	40,902	1200 Severn Way	Dulles	Loudoun	22170TMTNC1200S
66	Shamrock Foods Dairy Div Verona Virginia	40,472	318 Mill Pl Pkwy	Verona	Augusta	2448WSHMRC318MI

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67	Howmet Castings & Services Inc.	38,609	One Howmet Dr	Hampton	Hampton (City)	23661HWMTCONEHO
68	Cerro Fabricated Products Inc.	37,344	300 Triangle Dr	Weyers Cave	Augusta	24486CRRMT300TR
69	Redland Brick Inc.- Lawrenceville Plant	36,064	16024 Governor Harrison Pkwy	Lawrenceville	Brunswick	23868BRCKTHWY58
70	Canon Virginia Inc.	35,294	12000 Canon Blvd	Newport News	Newport News (City)	23606CNNVR12000
71	Evonik Corp	33,292	914 E Randolph Rd	Hopewell	Hopewell (City)	23860GLDSC914ER
72	Tecton Products LLC	31,537	5415 Corporate Cir	Salem	Roanoke	24153TCTNP5415C
73	Hubbell Lighting Inc.	28,820	2000 Electric Way	Christiansburg	Montgomery	24073HBBLL2000E
74	Marva Maid Dairy	27,525	5500 Chestnut Ave	Newport News	Newport News (City)	23605MRVMD5500C
75	Carry-On Trailer Corp	21,554	159 Industrial Park Rd	Montross	Westmoreland	22520CRRYN159IN

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76	Pre Con Inc.	16,575	220 S Perry St	Petersburg	Petersburg (City)	23803PRCNN220SP
77	Accellent	14,077	200 S. Yorkshire Street	Salem	Roanoke	24153NBLMT200SY
78	Rr Donnelley Strasburg Div	12,690	One Shenandoah Valley Dr	Strasburg	Shenandoah	22657SHNNDROUTE
79	Westover Dairy	10,696	2801 Fort Ave	Lynchburg	Lynchburg (City)	24501WSTVR2801F
80	Georgia Pacific Wood Products LLC Emporia Plywood	9,800	634 Davis St	Emporia	Greensville	23847GRGPCDAVIS
81	QQ Printing II Corp	7,970	7619 Doane Dr	Manassas	Manassas (City)	22110TRSRC7619C
82	ASIG Fueling Operations Wash Dulles International Airport	7,725	Tank Farm Rd Building 2	Sterling	Loudoun	20166RBP BUILD

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83	O'Sullivan Films Inc.	6,555	1944 Valley Ave	Winchester	Winchester (City)	22601SLLVN1944V
84	Kinder Morgan Transmix Company, LLC	3,875	3302 Deepwater Terminal Rd	Richmond	Richmond (City)	23234PRMRY3302D
85	Airdye Solutions LLC	3,780	1000 Pleasant Valley Rd	Harrisonburg	Rockingham	22801STRYS500PL
86	U.S. Navy Naval Air Station Oceana Range	3,120	1750 Tomcat Blvd	Virginia Beach	Virginia Beach (City)	23460SNVLROCEAN
87	Virginia Transformer Corp.	1,450	220 Glade View Dr Ne	Roanoke	Roanoke	24012VRGNT220GL
88	Virginia Transformer Corp	1,450	201 Transformer Way	Troutville	Botetourt	24175VRGNT2TRAN

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89	Aquatic Co	686	1100 Ind Us Trial Park Rd Halifax Ind Us Trial Par	South Boston	Halifax	24592PHLPSPOBOX
90	Us Navy Naval Station Norfolk Range	640	1530 Gilbert St	Norfolk	Norfolk (City)	23511NVLBS1530G
91	Grottoes Plastics Plant	294	149 Grand Caverns Dr	Grottoes	Augusta	24441RYNLDCAVER
92	Us Navy Joint Expeditionary Little Creek Range	100	2600 Tarawa Ct Suite 100	Norfolk	Norfolk (City)	23521SDDSN2600T
93	American Electric Power Glen Lyn Plant	33	Rte 460	Glen Lyn	Giles	24093GLNLYRTE46
94	Volvo Group North America, LLC	22	4881 Cougar Trail Road	Dublin	Pulaski	24084VLVGMROUTE

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95	Owens-Brockway Glass Container Inc. Plant 26	10	150 Industrial Blvd	Toano	James City	23168WNSLL150IN
96	BKEP Materials, LLC -- Newport News VA	1	801 Terminal Ave	Newport News	Newport News (City)	23607KCHPT801TE
97	Dominion Chemical Co Inc.	0	2050 Puddledock Rd	Petersburg	Petersburg (City)	23803DMNNC2050P
98	James River Cogeneration Co Inc.	0	912 E Randolph Rd	Hopewell	Hopewell (City)	23860JMSRV912ER
99	Dominion Remington Power Station	0	12025 Lucky Hill Road	Remington	Fauquier	2273WDMNNR1225L

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100	Dominion Resources Inc. Gordonsville Power Station	0	819 Hill Rd	Gordonsville	Louisa	22942GRDNS115RE
101	Falmouth Ready Mix Concrete	0	301 Warrenton Road	Falmouth	Stafford	2240WFLMTH31WAR
102	Exelis Inc. - Night Vision	0	7635 Plantation Rd	Roanoke	Roanoke	24019TTLCT7635P
103	Doswell LP	0	10098 Old Ridge Rd	Ashland	Hanover	23005DSWLL10098
104	James Hardie Building Products Pulaski	0	1000 James Hardie Way	Pulaski	Pulaski	24301JHBPP1JAME
105	EIT South	0	350 Slayton Avenue	Danville	Danville (City)	2454WLCTRN35SLA
106	Elkay Wood Products Company	0	2000 Cane Creek Parkway	Ringgold	Pittsylvania	24586YRKTW2CANE
107	Ge Drives & Controls	0	1501 Roanoke Blvd	Salem	Salem (City)	24153DRVSY1501R

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108	Electronic Instrumentation & Technology LLC	0	108 Carpenter Dr	Sterling	Loudoun	20164LCTRN108CA
109	Everbrite LLC	0	627 E 30Th St	Buena Vista	Buena Vista (City)	24416VRBRT627EA
110	Eternal Technology Corp	0	1800 Touchstone Rd	Colonial Heights	Chesterfield	23834TRNLT18TUC
111	Electroplate-Rite Corp	0	5529 Lee Hwy	Dublin	Pulaski	24084LCTRPUSRTE
112	Ennis-Flint Richmond	0	4400 Vawter Ave	Richmond	Henrico	23222DGLSC4400V
113	Elizabeth River Combustion Turbine Station	0	2837 S Military Hwy	Chesapeake	Chesapeake (City)	23323CMMNW2837S
114	Eaton Corporation - Williamsburg Manufacturing	0	149 Warwick Court	Williamsburg	York	2318WTNCRP149WA

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115	Hutchinson Sealing Systems Inc.	0	1150 S Third St	Wytheville	Wythe	24382KNGST1150S
116	Gala Industries Inc.	0	181 Pauley St	Eagle Rock	Botetourt	24085GLNDSRFD2B
117	Great Southern Wood - VA, Inc.	0	1050 N Main St	Rocky Mount	Franklin	24151RCKYTNORTH
118	Greystone Of Virginia Inc.	0	7992 Richmond Rd	Toano	James City	23168GRYST7992R
119	Griffin Pipe Products Co	0	10 Adams St	Lynchburg	Lynchburg (City)	24505GRFFNADAMS
120	Griffith Energy Services Inc.-Berryville	0	618 E Main St	Berryville	Clarke	22611CLRKC618EM
121	International Cold Storage	0	5678 Heards Mountain Rd	Covesville	Albemarle	22931NTRNTROUTE
122	Gilmer Industries Inc.	0	560 Stone Spring Rd	Harrisonburg	Harrisonburg (City)	22801GLMRN560ST
123	Hapco	0	26252 Hillman Highway	Abingdon	Washington	2421WHPCXX26252

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124	George's Foods LLC Feed Mill	0	61 Kratzer Rd	Harrisonburg	Harrisonburg (City)	22801RCCFDPOBOX
125	Hirschfeld Industries Bridge, LLC	0	15083 Industrial Park Rd	Bristol	Washington	24202CRLNS1583I
126	Huntington Ingalls Incorporated	0	4101 Washington Ave	Newport News	Newport News (City)	23607NWPRT4101W
127	Hunt Country Propane	0	535 Jack Enders Blvd	Berryville	Clarke	2261WHNTCN535JA
128	Hoover Treated Wood Products, Inc.	0	18315 House Dr	Milford	Caroline	22514HVRTRCAROL
129	Hopewell Cogeneration Facility	0	1114 Hercules Rd	Hopewell	Prince George	23860HPRWL1114H
130	Howell Metal Co	0	574 Depot Rd	New Market	Shenandoah	22844HWLLM574DE
131	Industrial Chemicals Inc.	0	2540 Bellwood Rd	Richmond	Chesterfield	23237NDLCH2540B

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132	Forum Energy Technologies-Syntech	0	7371 Lockport Pl	Lorton	Fairfax	2207WSYNTC7371L
133	Federal-Mogul Corp	0	300 Industrial Park Rd Se	Blacksburg	Montgomery	24060FDRLMRT460
134	Fiberglass Engineering Co	0	5019 Airport Rd	Midland	Fauquier	22728FBRGLWARRE
135	Fisher Scientific International Mtn Diagnostics Plant	0	8365 Valley Pike	Middletown	Frederick	22645FSHRD8365V
136	Fleetwood Homes Of Virginia Inc. 19-2	0	90 Weaver St	Rocky Mount	Franklin	24151FLTWD90WEA
137	Flint Group Na Corp	0	106 Triangle Dr	Weyers Cave	Augusta	24486CPTLPSTATE

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138	Flowserve Corp Lynchburg VA	0	5114 Woodall Rd	Lynchburg	Campbell	24502LMTRQ5114W
139	Graham-White Manufacturing Co.	0	1242 Colorado St	Salem	Roanoke	24153GRHMW1242C
140	Foot Levelers Inc.	0	518 Pocahontas Ave	Roanoke	Roanoke (City)	2401WFTLVL518PC
141	Federal Correctional Complex	0	1060 River Rd	Hopewell	Prince George	23860BRFPR16RIV
142	Ge Alstom Richmond Service Center	0	1200 Willis Rd	Richmond	Chesterfield	23237LSTMP1200W
143	Ge Intelligent Platforms	0	2500 Austin Drive	Charlottesville	Albemarle	22901GFNCTUS29N
144	GEA Systems Dba LLC (Dba LLC Dowty Propellers)	0	114 Powers Ct	Sterling	Loudoun	20166SMTHS114PW

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145	Gemini-Farmville	0	102 Hauschild Dr	Farmville	Cumberland	23901GMNFR12HAU
146	General Dynamics Armament & Technical Products Inc.	0	150 Johnston Rd	Marion	Smyth	24354BRNSW150JO
147	General Shale Brick Inc. Plant 28	0	7164 Lee Hwy	Atkins	Smyth	24354GNRLSRTE4B
148	Flowserve Us Inc.	0	3900 Cook Blvd	Chesapeake	Chesapeake (City)	23323NGRSL3900C
149	Bear Garden Generating Station	0	2608 C.G. Woodson Road	New Canton	Buckingham	2312WBRGRD268CG
150	Associated Asphalt Hopewell LLC	0	410 Water St	Hopewell	Hopewell (City)	2386WSSCTD41WAT

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151	Associated Asphalt Roanoke, LLC	0	2677 Roanoke Ave SW	Roanoke	Roanoke (City)	24015SSCTD2677R
152	Atlantic Pole & Piling - Newsoms	0	21366 General Thomas Hwy	Newsoms	Southampton	23874TLNTCRTE67
153	Azz Galvanizing-Bristol	0	14781 Industrial Park Rd	Bristol	Washington	24201VSBRS795IN
154	Bae Systems Information & Electronic Systems Integration I	0	9300 Wellington Rd	Manassas	Prince William	20110BSYSN9300W
155	Bae Systems Norfolk Ship Repair	0	750 W Berkley Ave	Norfolk	Norfolk (City)	23501NRFLKFOOTO
156	Ball Advanced Aluminum Technologies Corp	0	56 Dunsmore Rd	Verona	Augusta	24482NMNSLLAURE

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157	Ball Metal Beverage Container Corp	0	8935 Pocahontas Trail James River Commerce Center	Williamsburg	James City	23185BLLPC8935P
158	Banker Steel Company, LLC	0	1619 Wythe Rd	Lynchburg	Lynchburg (City)	24502MNTGB1619W
159	Columbus Mckinnon Corp	0	22364 Jeb Stuart Hwy	Damascus	Washington	24236CLMBSRTE1B
160	Bassett Plant 11	0	Patriot Centre At Beaver Creek	Martinsville	Henry	24112BSSTTPATRI
161	Arkema Inc. Franklin Plant	0	27047 Shady Brook Trail	Courtland	Southampton	2383WRKMNC2747S
162	Bear Island Paper WB LLC	0	10026 Old Ridge Rd	Ashland	Hanover	23005BRSLNPOBOX
163	Bellemeade Power Station	0	1860 Commerce Rd	Richmond	Richmond (City)	23224BLLMD1860C

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164	Bellwood Printing Plant	0	2001 Reymet Rd	Richmond	Chesterfield	23237BLLWD2001R
165	Bingham & Taylor	0	601 Nalle Pl	Culpeper	Culpeper	2270WBNGHM61NAL
166	Bleachtech LLC	0	2020 Bessemer Rd	Petersburg	Petersburg (City)	23805BLCHT22BES
167	Blue Ridge Fiberboard	0	250 Celotex Drive	Danville	Pittsylvania	24543WDFBRMASON
168	Blue Ridge Solvents & Coatings	0	3800 Original Henry Rd	Henry	Franklin	24102BLRDGSTATE
169	Blue Ridge Wood Preserving Inc.	0	1220 Hendricks Store Rd	Moneta	Bedford	24523SMTHMPOBOX
170	Boar's Head Provisions Co Inc.-Jarratt	0	2230 Wyatts Mill Rd	Jarratt	Greensville	23867BRSHD2230W
171	Banker Steel Company, LLC	0	351 Rangoon Road	Lynchburg	Campbell	2450WBNKRS351RA

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172	Amelia Lumber Co Inc.	0	8680 Crowder St	Amelia Court House	Amelia	23002MLLMB16951
173	ABB Inc.	0	2135 Philpott Rd	South Boston	Halifax	24592WSTNGHIGHW
174	Abbott Laboratories	0	1518 Main St(Us Rt 29 Business)	Altavista	Campbell	24517RSSLBRT29B
175	Accutec Blades, Inc.	0	57 Razor Blade Ln	Verona	Augusta	24482MRCNSRAZOR
176	AERCOM Inc.	0	3301 Rosedale Ave Ste D	Richmond	Richmond (City)	23005RCCMN116SY
177	Aetna Insulated Wire LLC.	0	1537 Air Rail Ave	Virginia Beach	Virginia Beach (City)	23455TNNSL1537A
178	AGC Flat Glass Na Abingdon Plant	0	18370 Oak Park Dr	Abingdon	Washington	24210FGCTN1837A
179	Akzo Nobel Coatings Inc.	0	2837 Roanoke Ave SW	Roanoke	Roanoke (City)	24015RLNCN2837R

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180	Aleris Rolled Products Inc.	0	1701 Reymet Rd	Richmond	Chesterfield	23237TRNST1801R
181	Allied Aviation Fueling Co Inc.	0	Ronald Reagan National Airport	Arlington	Arlington	22202GDNVTRONAL
182	Associated Asphalt Bristol, LLC	0	10 Spurgeon Lane	Bristol	Bristol (City)	2420WSSCTD1SPUR
183	Amcor Tobacco Packaging	0	701 Algroup Way	Chester	Chesterfield	2383WMCRTB71ALL
184	ASB Greenworld, Inc.	0	496 Airport Road	Mattaponi	King And Queen	2311WSBGRN496AI
185	American Buildings Company-La Crosse	0	501 Golden Eagle Dr	La Crosse	Mecklenburg	23950MRCNB51GLD
186	American GFM Corp	0	1200 Cavalier Blvd	Chesapeake	Chesapeake (City)	23323MRCNG1200C

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187	Amsted Rail Co Inc.	0	2580 Frontage Rd	Petersburg	Petersburg (City)	23804BRNCNPETER
188	Anchor An Oldcastle Co	0	16326 Ind Us Trial Dr	Milford	Caroline	22514MRCNS16326
189	Anheuser-Busch LLC	0	7801 Pocahontas Trail	Williamsburg	James City	23185NHSRB7801P
190	Appalachian Plastics Inc.	0	34001 Glove Dr	Glade Spring	Washington	24340PPLCHPOBOX
191	Arbortech Forest Products, Inc.	0	500 Dearing Avenue	Blackstone	Nottoway	2382WRBRTC5DEAR
192	Argos Ready Mix Bryan Park Concrete Plant	0	4607 Racrete Rd	Richmond	Henrico	23230RDYMX457RA
193	Argos Warboro Rd Concrete Plant	0	3636 Warbro Rd	Midlothian	Chesterfield	2311WRGSWR3636W

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194	Bowman Andros Products, LLC	0	10119 Old Valley Pike	Mount Jackson	Shenandoah	2284WNDRSF1119L
195	Altec Industries, Inc.	0	325 South Center Drive	Daleville	Botetourt	2408WLTCND325SU
196	Concrete Pipe & Precast LLC-Salem #1 Plant	0	2000 Salem Ind Us Trial Dr	Salem	Roanoke	2415WCNCRT2SALE
197	Bohler Uddeholm Corporation	0	2306 Eastover Dr	South Boston	Halifax	24592CKCMPSTATE
198	Colonial Circuits Inc.	0	1026 Warrenton Rd	Fredericksburg	Stafford	22405CLNLC1026W
199	Colonna's Shipyard Inc.	0	400 E Indian River Rd	Norfolk	Norfolk (City)	23523CLNNS400EI
200	Mechanicsville Concrete LLC-Chesterfield Plant	0	3501 Warbro Road	Midlothian	Chesterfield	2311WMCHNC351WA

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201	Columbia Forest Products	0	100 Paul Rd SW	Chatham	Pittsylvania	24531CLMBF1PAUL
202	JCI Jones Chemicals Inc.	0	16248 Industrial Dr	Milford	Caroline	22514JNSCHRT640
203	Commonwealth Galvanizing	0	10988 Leadbetter Rd	Ashland	Hanover	2300WCMMNW1988L
204	Concrete Pipe & Precast LLC Chesapeake Plant	0	3801 Cook Blvd	Chesapeake	Chesapeake (City)	23323HNSNP381CK
205	Concrete Pipe & Precast LLC-Ashland Precast Plant	0	11352 Virginia Precast Rd	Ashland	Hanover	2300WSSRCM312MI
206	CMC Rebar	0	300 Smi Way	Farmville	Prince Edward	23901SMRBR300SM
207	Concrete Pipe & Precast LLC-Harrisonburg Precast Plant	0	210 Stone Spring Rd	Harrisonburg	Rockbridge	2280WVLLYB21STN

Rank	Facility Name	Total On-Site Management (lbs.)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
208	Church & Dwight Co Inc.	0	1851 Touchstone Rd	South Chesterfield	Chesterfield	23834LDNCR16101
209	Conn-Weld Ind Inc.	0	New Bern Rd State Rd 682	Dublin	Pulaski	24084CNNWLNEWBE
210	Consolidated Glass & Mirror	0	110 Jack Guynn Dr	Galax	Galax (City)	24333CNSLD110JA
211	Continental Automotive Systems Inc.	0	615 Bland Blvd	Newport News	Newport News (City)	23602LLDSG615BL
212	Cox Wood Of Virginia	0	2960 Cox Rd	Blackstone	Nottoway	23824TYLRRHIGHW
213	CPFilms Inc.-Axton Facility	0	47 Brenda Dr	Axton	Henry	24054CMMNWRT58S
214	Creative Playthings Ltd.	0	859 Industrial Dr	Emporia	Greensville	23847CRTVP859IN
215	Culpeper Wood Preservers	0	15487 Braggs Corner Rd	Culpeper	Culpeper	22701CLPPRROUTE
216	CWW Coveyor Systems Inc.	0	107 Raintree Rd	Hillsville	Carroll	2434WCTRPL17RAI

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217	Daikin Applied	0	207 Laurel Hill Rd	Verona	Augusta	24482SNYDRRT612
218	Davis-Frost, Inc.	0	3416 Candlers Mountain Rd	Lynchburg	Lynchburg (City)	24506DVSPN3420C
219	Concrete Pipe & Precast LLC-Hanover Pipe Plant	0	10350 Design Rd	Ashland	Hanover	2300WMRCST135DE
220	Cargill Meat Solutions Inc.	0	135 Huffman Dr	Dayton	Rockingham	22821RCCTRROUTE
221	Degesch America Inc.	0	153 Triangle Dr	Weyers Cave	Augusta	24486DGSCH275TR
222	Boxley Concrete Products Of VA Inc. Roanoke plant	0	3830 Blue Ridge Dr	Roanoke	Roanoke (City)	24019BXLYC383BL
223	Branscome Inc.-Norfolk Westminster	0	3425 Westminster Ave	Norfolk	Norfolk (City)	23504BRNSC3425W

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224	Branscome-Hampton	0	1922 W Pembroke Ave	Hampton	Hampton (City)	23661BRNSC1922W
225	Branscome-Lee Hall	0	9393 Merrimac Trail	Williamsburg	James City	23185BRNSC9393M
226	Bren Mar	0	6315 Bren Mar Dr	Alexandria	Fairfax	2231WBRNMR6315B
227	Burlington Medical, LLC	0	3 Elmhurst St	Newport News	Newport News (City)	2360WBRLNG3ELMH
228	Bush Center For Intelligence (Cia)	0	1000 Colonial Farm Rd	Mclean	Fairfax	2210WCHDQRRUTES
229	C R Hudgins Plating Inc.	0	3600 Candlers Mountain Rd	Lynchburg	Lynchburg (City)	24506CRHDG4510M
230	CMC Rebar	0	9434 Crossroads Pkwy	Fredericksburg	Spotsylvania	22408SMRBR9434C
231	Cameron Chemical Inc.	0	830 Old Dill Rd.	Suffolk	Suffolk (City)	2343WCMRNC83LDD
232	Bondcote Corp	0	509 Burgis Ave	Pulaski	Pulaski	24301WSTPNBURGI

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233	Cargill Turkey Production LLC	0	1 Kratzer Rd	Harrisonburg	Rockingham	22802RCCFR1KRAT
234	Carpenter Co Richmond Plant	0	2400 Jefferson Davis Hwy	Richmond	Richmond (City)	23234RCRPN2400J
235	Carry-On Trailer Corp	0	617 Harry Hogan Rd	Callao	Northumberland	22435CRRYN617HA
236	Chantilly Ready Mix Concrete	0	25232 Willard Road	Chantilly	Loudoun	2015WCHNTL25232
237	Chaparral (VA) Inc.	0	25801 Hofheimer Way	Petersburg	Dinwiddie	23803CHPRR25801
238	Chemetrics Inc.	0	4295 Catlett Rd	Midland	Fauquier	20138CHMTR4295C
239	Chemours James River Plant	0	1201 Bellwood Rd	Richmond	Chesterfield	23237DPNTJ1201B
240	Chemsolv Inc.	0	1140 Ind Us Try Ave Se	Roanoke	Roanoke	24013CHMSL1140I

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241	Chemtreat Inc.	0	10040 Lickinghole Rd	Ashland	Hanover	23005CHMTR500LI
242	Chesterfield Power Station	0	500 Coxendale Rd	Chester	Chesterfield	23836CHSTR500CO
243	Cadmus Specialty Publications	0	2901 Byrdhill Rd	Richmond	Henrico	23228WLLMB2901B
244	Tread Corp	0	176 Eastpark Dr	Roanoke	Botetourt	24019VFPNC4520E
245	Titan Virginia Ready-Mix LLC-Campostella Plant	0	2125 Kimball Terrace	Norfolk	Norfolk (City)	2350WTTNVR2125K
246	Titan Virginia Ready-Mix LLC-Centreville Plant	0	15718 Lee Highway	Centreville	Fairfax	2202WTTNVR15718

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247	Titan Virginia Ready-Mix LLC-Clear Brook Plant	0	1383 Brucetown Road	Clear Brook	Frederick	2262WTTNVR1383B
248	Titan Virginia Ready-Mix LLC-Dumfries Plant	0	3454 Canal Road	Dumfries	Prince William	2202WTTNVR3454C
249	Titan Virginia Ready-Mix LLC-Leesburg Plant	0	42105 Cochran Mill Rd	Leesburg	Loudoun	2017WTTNVR4215C
250	Titan Virginia Ready-Mix LLC-Oceana Plant	0	160 Oceana Blvd.	Virginia Beach	Virginia Beach (City)	2345WTTNVR16CEA
251	Titan Virginia Ready-Mix LLC-Port Norfolk Plant	0	101 Chautauqua Avenue	Portsmouth	Portsmouth (City)	2370WTTNVR11CHA

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252	Titan Virginia Ready-Mix LLC-Springfield Plant	0	6600 Electronic Dr	Springfield	Fairfax	22151STHRN6600E
253	Titan Virginia Ready-Mix LLC-Stafford Plant	0	48 Powell Ln	Falmouth	Stafford	2240WTTNVR48PWE
254	United States Gypsum Co	0	1424 S Main St	Norfolk	Norfolk (City)	23523NTDST1001B
255	TMS International, LLC	0	25805 Hofheimer Way	Petersburg	Dinwiddie	23803MSDVT2585H
256	The Goodyear Tire & Rubber Co.	0	1901 Goodyear Blvd	Danville	Danville (City)	24541THGDY1435G
257	Trelleborg Marine Systems USA, Inc.	0	532 Jack Enders Blvd	Berryville	Clarke	2261WTRLLB532JA

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258	Trex - Virginia Manufacturing Operations	0	3229 Shawnee Drive	Winchester	Frederick	2260WTRXWN3229S
259	Trident Seafoods - Bedford	0	940 Orange St	Bedford	Bedford	2452WTRDNT94RAN
260	Trim Systems	0	320 Newbern Rd	Dublin	Pulaski	24084TRMSY320NE
261	Tyson Farms Inc. - Feed Mill	0	1938 Patrick Henry Hwy	Jetersville	Nottoway	23083HLLYFUSHWY
262	U.S. Army Garrison Fort Lee VA - Ranges	0	825, 19Th Street, Bldg. 6005	Fort Lee	Prince George	23801SRMYC3901A
263	U.S. DoD, USAF, Joint Base Langley Eustis - Langley AFB	0	633 CES/CEIE 37 Sweeney Blvd	Langley AFB	Hampton (City)	23665SRFRC1CESC

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264	U.S. DoJ FBI Training Academy	0	Mcb-4 Building 15-Fmu	Quantico	Stafford	22135SDJFBMCB4B
265	U.S. Nasa GSFC Wallops Flight Facility	0	34200 Fulton Street	Wallops Island	Accomack	23337SNSGDWALLO
266	Southern Graphic Systems Richmond	0	5301 Lewis Rd	Sandston	Henrico	23150STHRN531LE
267	Titan Wheel Corp Of Virginia	0	227 Allison Gap Rd	Saltville	Smyth	24370TDWHL227AL
268	Sunlite Plastics Inc.	0	846 Keezletown Rd	Weyers Cave	Augusta	24486SNLGHROUTE
269	Mastic Home Exteriors Stuarts Draft	0	185 Johnson Dr	Stuarts Draft	Augusta	24477LCBLDRTE90
270	St Tissue LLC	0	34050 Union Camp Dr	Franklin	Isle Of Wight	2385WSTTSS345UN

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271	Stafford Plant	0	169 Wyche Rd	Stafford	Stafford	2255WSTFFR169WY
272	Standex Engraving LLC	0	5901 Lewis Rd	Sandston	Henrico	23150RNTRN5901L
273	Steel Dynamics Inc. Roanoke Bar Div.	0	102 Westside Blvd	Roanoke	Roanoke (City)	24017RNKLC102WE
274	Steel Fab A Div. Of Samuel Pressure Vessel Group	0	58 Samuel Way	Lebanon	Russell	2426WSTLFB58SAM
275	Steelfab Of Virginia Inc.	0	1510 Reese St	Emporia	Greensville	23847STFBF1510R
276	Stella Jones Corp-Goshen Facility	0	9223 Maury River Rd	Goshen	Rockbridge	24439THBRKSTATE
277	Stihl Inc.	0	536 Viking Dr	Virginia Beach	Virginia Beach (City)	23450STHLN536VI

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278	Strongwell Corp Highlands Div.	0	26770 Newbanks Rd	Abingdon	Washington	24210STRNG26770
279	Titan Virginia Ready-Mix LLC-Sterling Plant	0	22963 Concrete Plaza	Sterling	Loudoun	2016WTTNVR22963
280	Sun Chemical Corp	0	16000 Continental Blvd	Colonial Heights	Colonial Heights (City)	23834SNCHM16000
281	Tidewater Wood Products, LLC	0	5604 City Line Rd	Hampton	Hampton (City)	23661CMMNW5604C
282	Super Radiator Coils	0	451 Southlake Blvd	Richmond	Chesterfield	23236SPRRD451SO
283	Superflo Inc.	0	4625 Lee Hwy	Marion	Smyth	2435WSPRFL4625L
284	Superior Concrete Inc.-Harrisonburg	0	1526 County Club Rd	Harrisonburg	Rockingham	2280WSPRRC1526C

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285	Taylor & Body Inc.	0	8 Hewitt Rd	Staunton	Augusta	24401TYLRB8HEWE
286	TCS Materials Newport News	0	700 Shields Road	Newport News	Newport News (City)	2318WTCSMT7SHIE
287	TCS Materials Richmond Plant	0	2100 Deepwater Terminal Road	Richmond	Richmond (City)	2322WTCSMT21DEE
288	TE Connectivity	0	751 Old Brandy Rd	Culpeper	Culpeper	22701THRCH751OL
289	Tempur Production USA Inc.	0	203 Tempurpedic Dr	Duffield	Scott	24244TMPRP4700B
290	Tenneco Walker Manufacturing Co	0	3160 Abbott Ln	Harrisonburg	Harrisonburg (City)	22801WLKRM3160A
291	Univar USA Inc. Chester Facility	0	1001 Old Bermuda Hundred Rd	Chester	Chesterfield	23836PRLLM1001O

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292	Strongwell Corporation-Bristol	0	400 Commonwealth Ave.	Bristol	Washington	24203MRRSN400CO
293	Virginia Concrete Woodbridge Plant	0	936 Annapolis Way	Woodbridge	Prince William	2219WVRGNC936AN
294	Valmont-Virginia Galvanizing Inc.	0	3535 Halifax Rd	Petersburg	Petersburg (City)	23805NDSTR3535H
295	Vaughan-Bassett Furniture Co. Galax	0	300 E Grayson St	Galax	Carroll	24333VGHNBOLDTO
296	Virginia Concrete Centreville Plant	0	15717 Lee Hwy	Centreville	Fairfax	2202WVRGNC15717
297	Virginia Concrete Co Inc.-Chantilly	0	25086 Tanner Ln	Chantilly	Loudoun	2015WVRGNC2586T

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298	Virginia Concrete Dulles Plant	0	44866 Old Ox Road	Sterling	Loudoun	22170VRGNC44866
299	Virginia Concrete Dumfries Plant	0	217 Canal Rd	Dumfries	Prince William	2202WVRGNC217CA
300	Virginia Concrete Edsall Road Plant	0	5412 Ind Us Trial Dr	Springfield	Fairfax	22151VRGNC6995E
301	Virginia Concrete Falls Church Plant	0	7103 Gordon Rd	Falls Church	Falls Church (City)	22043VRGNC7103G
302	Virginia Concrete Gainesville Plant	0	7300 Rail Line Ct	Gainesville	Prince William	2015WVRGNC73RAI
303	U.S. Navy Norfolk Naval Shipyard	0	Intersection Of Effingham St & George Washington H	Portsmouth	Portsmouth (City)	23709SDDSNINTER

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304	Virginia Concrete Shirlington Plant	0	2651 Shirlington Road	Arlington	Arlington	22206VRGNC2651S
305	Valcom Inc.	0	5614 Hollins Rd	Roanoke	Roanoke	24019VLCMN5614H
306	Virginia Concrete-Stafford Plant	0	32 Wyche Rd	Stafford	Stafford	2255WVRGNC32WYC
307	Virginia Marble Manufacturers Inc.	0	1201 5Th Ave	Kenbridge	Lunenburg	23944VRGNMPOBOX
308	Virginia Marble Manufacturers Inc.	0	Corner Of Brunswick & Oak St	Kenbridge	Lunenburg	23944VRGNMCORNE
309	Virginia Mirror Co Inc.	0	300 S Moss St	Martinsville	Henry	24112VRGNM300MO
310	VPGC LLC Broadway Feedmill	0	410 S Main St	Broadway	Rockingham	22815WMPLRRTE42

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311	Webb Enterprises LLC American Mirror	0	602 E Stuart Dr	Galax	Galax (City)	24333MRCNMPOBOX
312	Wheelabrator Abrasives Inc.	0	1 Abrasive Ave	Bedford	Bedford	24523WHLBR1ABRA
313	Wood Preservers Inc.	0	15939 History Land Hwy	Warsaw	Richmond	22572WDPRSROUTE
314	WR Grace & Co-Conn Grace Construction Products	0	1101 International Pkwy	Fredericksburg	Stafford	22406WRGRC1101I
315	Yokohama Tire Manufacturing Virginia LLC	0	1500 Indiana St	Salem	Roanoke	24153MHWKR1500I
316	Virginia Concrete Leesburg Plant	0	659 Builders Ln	Ashburn	Loudoun	2207WVRGNC659BU

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317	Us DoD Warrenton Training Center Station C Range	0	7248 Sumerduck Rd	Remington	Fauquier	2273WSDDSR7248S
318	UPACO Adhesives Inc.	0	4105 Castlewood Rd	Richmond	Richmond (City)	23234PCDHS4105C
319	Us Army Fort AP Hill Ranges (Part)	0	19952 N Range Rd	Bowling Green	Caroline	22427SRMYF18902
320	Us Army Garrison Fort Belvoir	0	9430 Jackson Loop	Fort Belvoir	Fairfax	2206WSRMYF943JA
321	Us Army Joint Base Myer-Henderson Hall Firing Range (Part)	0	204 Lee Ave	Fort Myer	Arlington	2221WSRMYJ24LEE

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322	Us Army National Guard CTC Camp Pendleton (Ranges)	0	203 Red Horse Drive	Virginia Beach	Virginia Beach (City)	2345WCTCCM23RED
323	Us Army National Guard Fort Pickett (Installation)	0	US PFO Building 316 Fort Pickett	Blackstone	Nottoway	23824SRMYM316RI
324	US CBP Canine Training Facility Firing Range #Va0040	0	828 Harmony Hollow Rd	Front Royal	Warren	22630SCSTM828HA
325	Us Coast Guard Base Portsmouth	0	4000 Coast Guard Blvd	Portsmouth	Portsmouth (City)	23701SDTSC4000C

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326	Us Coast Guard Training Center Yorktown	0	1 Us Coast Guard Training Center	Yorktown	York	23690SCSTGENDOF
327	Us Defense Logistics Agency Defense Supply Center Richmond	0	8000 Jefferson Davis Hwy	Richmond	Chesterfield	23297DFNSG8000J
328	Valley Proteins, Inc. - Accomack	0	22528 Lankford Highway	Accomack	Accomack	2330WVLLYP22528
329	Us DoD Warrenton Training Center Station B Range	0	7471 Bear Wallow Rd	Warrenton	Fauquier	2018WSDDSR7471B
330	Valley Proteins Inc.-Winchester Facility	0	1635 Indian Hollow Rd	Winchester	Frederick	22603VLLYP1444I

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331	Us Marine Corps Base Quantico Range Complex	0	3250 Catlin Ave	Quantico	Prince William	22134SDDSM3040M
332	Us Navy Cheatham Annex Base Range	0	108 Sanda Ave Bldg. 270	Williamsburg	York	23185SNVYC18SAN
333	Us Navy Defense Fuel Support Point Yorktown Fuels	0	Yorktown Fuel Terminal	Yorktown	York	23690SNVYDYRKTW
334	Us Navy Fleet Combat Training Center Atl Dam Neck Range	0	1912 Regul Us Ave	Virginia Beach	Virginia Beach (City)	23461SNVYF1912R

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335	Us Navy Joint Expeditionary Fort Story Range	0	300 Guadalcanal Rd	Virginia Beach	Virginia Beach (City)	2345WSNVYJ3GUAD
336	Us Navy Yorktown Naval Weapons Station Base Range	0	Rt 238	Yorktown	York	2369WSNVYYRUTE2
337	Us Penitentiary Lee	0	Lee County Ind Us Trial Park Hickory Flats Rd	Pennington Gap	Lee	24277SPNTNLEECI
338	Us/Navy Naval Support Activity Northwest Annex Range	0	1320 Nw Blvd Suite 100	Chesapeake	Chesapeake (City)	23322SNVYN132NW
339	Utility Trailer Mfg. Co.	0	124 Mountain Empire Road	Atkins	Smyth	24311TLTYTSTATE

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340	South Atlantic Galvanizing LLC	0	11022 Lewistown Rd	Ashland	Hanover	23005VRGNGSTATE
341	US DHS Mt Weather EOC	0	19844 Blue Ridge Mountain Rd	Bluemont	Loudoun	20135SDHSM19844
342	Munters	0	225 S Magnolia Ave	Buena Vista	Rockbridge	2441WDSCHM225SM
343	METL-Span A Div. Of NCI Group Inc.	0	1703 Ruffin Mill Rd	Colonial Heights	Colonial Heights (City)	2383WMTLSP173RU
344	METL-Span, A Division Of NCI Group, Inc.	0	6001 Quality Way	Prince George	Prince George	23875MTLSP6001Q
345	Mica Co Of Canada Inc.	0	900 Jefferson Ave	Newport News	Newport News (City)	23607MCCMP900JE
346	Micrometrics System	0	225 Jeb Stuart Hwy	Meadows Of Dan	Patrick	24120MCRMT2900W
347	Mitsubishi Kagaku Imaging Corp	0	401 Volvo Pkwy	Chesapeake	Chesapeake (City)	23320MTSBS401VO

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348	Mitsubishi Plastics Composites America	0	401 Volvo Pkwy	Chesapeake	Chesapeake (City)	23320MTSBS401VA
349	Modine Manufacturing Co	0	1221 Magnolia Ave	Buena Vista	Rockbridge	24416MDNMN1221M
350	Mondelez Global LLC	0	6002 S Laburnum Ave	Richmond	Richmond	23231NBSCB6002S
351	Moog Inc.	0	1213 N Main St	Blacksburg	Montgomery	24060LTTNP1213N
352	Oldcastle Precast Inc.	0	5115 Massaponax Church Rd	Fredericksburg	Spotsylvania	22407RTNDP5115M
353	Motiva Fairfax Terminal	0	3800 Pickett Rd	Fairfax	Fairfax (City)	22031FRFXT3800P
354	Medeco Security Locks Inc.	0	3625 Allegheny Dr	Salem	Roanoke	24153MDCSCUS11A

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355	Murphy-Brown LLC Waverly Feed Mill	0	27404 Cabin Point Rd	Waverly	Sussex	23890MRPHY27404
356	MXI Environmental Services, LLC	0	26319 Old Trail Rd (St Rte. 679)	Abingdon	Washington	2421WMXNVR26319
357	New Millennium Building Systems	0	100 Diuguids Lane	Salem	Roanoke	24153JHNWH2535D
358	Newington Concrete Plant	0	8413 Terminal Rd	Newington	Fairfax	22122NWNGT8413T
359	NIBCO Of Virginia Inc.	0	131 Johnson Drive	Stuarts Draft	Augusta	24477NBCNCROUTE
360	Norcraft Companies	0	1 Millrace Dr	Lynchburg	Lynchburg (City)	24502STRMR1MILL
361	Nordson Xaloy Inc.	0	102 Xaloy Way	Pulaski	Pulaski	24301XLYNC101XA
362	Novozymes	0	420 Kesler Mill Rd	Salem	Salem (City)	2415WNVZYM42KES

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363	Old Dominion Electric Co-Op Louisa Generation Facility	0	3352 Klockner Rd	Gordonsville	Louisa	22942LDDMN3352K
364	Spotsylvania Plant	0	8520 Indian Hills Ct.	Fredericksburg	Spotsylvania	2240WSPTSY852IN
365	Morgan Lumber Company, Inc.	0	628 Jeb Stuart Highway	Red Oak	Charlotte	2396WMRGNL628JE
366	Lynchburg Steel Co LLC	0	275 Francis Ave	Monroe	Amherst	24574LYNCHRT29N
367	Johns Manville Corp Hamilton Plant	0	7400 Ranco Rd	Richmond	Henrico	23228MNVLL7400R
368	Joint Base Langley Eustis-Eustis (JBLE-Eustis)	0	705 Washington Blvd	Fort Eustis	Newport News (City)	23604SDDSRFORTE
369	JTI Leaf Services (Us) LLC	0	202 Stinson Drive	Danville	Pittsylvania	2454WJTLFS22STI

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370	Kaiser Aluminum Fabricated Products LLC	0	1901 Reymet Rd	Richmond	Chesterfield	23237RYNLD1901R
371	KIK (Virginia) LLC	0	27 Mill Ln	Salem	Roanoke	24153THDLC27MIL
372	King George Plant	0	13250 James Madison Parkway	King George	King George	2248WKNGGR1325J
373	Kingspan Insulation LLC	0	172 Pactiv Way	Winchester	Frederick	22601MCFMPROUTE
374	Kinyo Virginia Inc.	0	290 Enterprise Dr	Newport News	Newport News (City)	23603KNYVR290EN
375	KMX Chemical Corp	0	30474 Energy Dr	New Church	Accomack	23415NWCHRRT709
376	Kyanite Mining Corp Mullite Plant	0	5836 Buffalo Road	Dillwyn	Buckingham	23936KYNTMRTE15
377	Metalsa Roanoke Inc.	0	184 Vista Dr	Roanoke	Botetourt	24019TWRTM184VI

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378	Lhoist Na Of Virginia Inc. Kimballton Area 1	0	2093 Big Stony Creek Rd	Ripplemead	Giles	24150CHMCL2093B
379	Mennel Milling Co Of Virginia	0	5185 Benois Rd	Roanoke	Roanoke	24018MNNLM5185B
380	Madison Wood Preservers Inc.	0	216 Oak Park Rd	Madison	Madison	22727MDSNWSTARR
381	Mapei Corp	0	300 Nelms Cir	Fredericksburg	Stafford	22406MPCRP3NELM
382	Mar-Bal, Inc.	0	5400 Reserve Way	Dublin	Pulaski	24084MRBLN5400R
383	Masco Cabinetry	0	1325 Industrial Park Rd	Mount Jackson	Shenandoah	22842MRLLTSTATE
384	Masco Cabinetry LLC	0	641 Maddox Dr	Culpeper	Culpeper	22701WDCBN641MA
385	ABB Inc.	0	171 Industry Drive	Bland	Bland	24315BBPWRSTRTE

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386	Mechanicsville Concrete LLC-Airport Plant (Oakleys Lane)	0	4481 Oakleys Lane	Henrico	Henrico	2322WMCHNC4481A
387	Zenith Fuel Systems LLC	0	14570 Industrial Park Rd	Bristol	Washington	24201FCTFL1048I
388	Mechanicsville Concrete LLC-Petersburg Plant	0	26317 Simpson Rd	Petersburg	Dinwiddie	2380WMCHNC26317
389	Omega Protein Inc.	0	610 Menhaden Rd	Reedville	Northumberland	22530ZPTHYPOBOX
390	Ladysmith Combustion Turbine Station	0	8063 Cedon Rd	Woodford	Caroline	22580LDYSM863CE
391	Safety-Kleen Systems Chester (CVA)	0	1200 W 100 Rd	Chester	Chesterfield	23831SFTYK1200W

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392	R Donnelley Printing Co	0	4201 Murray Pl	Lynchburg	Lynchburg (City)	24506MRDTH4201M
393	Ready Mixed Concrete Co	0	4608 Racrete Rd	Richmond	Henrico	2323WMCHNC468RA
394	Rexnord Industries LLC	0	150 Johnson Dr	Stuarts Draft	Augusta	24477PTCMPRTS34
395	Roanoke Cement Co LLC	0	6071 Catawba Rd	Troutville	Botetourt	24175RNKCM5555C
396	Rock-Tenn Co	0	1801 Concord Turnpike	Lynchburg	Lynchburg (City)	24505MDPPR1801C
397	RPS Composites Virginia, Inc.	0	211 E 4Th St	Front Royal	Warren	22630SHNND210E4
398	Rr Donnelley	0	2347 Kratzer Rd	Harrisonburg	Rockingham	22801RRDNN1400K
399	RTI Martinsville Inc.	0	101 RTI Way	Martinsville	Henry	2411WRTMRT11RTI
400	Ruffin Creek Properties LLC	0	10229 Tidewater Trail	Fredericksburg	Spotsylvania	22408RFFNC10229

Rank	Facility Name	Total On-Site Management (lbs.)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
401	Old Dominion Electric Co-Op Marsh Run Generation Facility	0	12109 Lucky Hill Rd	Remington	Fauquier	22734LDDMN1219L
402	Safety-Kleen Systems Chesapeake (CPK)	0	4545 Bainbridge Blvd	Chesapeake	Chesapeake (City)	23320SFTYK4545B
403	Quarles Petroleum Inc. Manassas Bulk Plant	0	8001 Wellingford Dr	Manassas	Prince William	20109QRLSP8001W
404	Safety-Kleen Systems Manassas (Man)	0	11520 Balls Ford Rd	Manassas	Prince William	22110SFTYK11520
405	Safety-Kleen Systems Vinton (ROA)	0	16090 Stewartsville Rd	Vinton	Roanoke	24179SFTYKRTE24

Rank	Facility Name	Total On-Site Management (lbs.)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
406	Sandvik Mining & Construction Co	0	15020 Ind Us Trial Park Rd	Bristol	Washington	24201SNDVK1000I
407	Schrader-Bridgeport International	0	205 Frazier Rd	AltaVista	Campbell	24517PDMNT205FR
408	Semco Ducts & Acoustical Products Inc.	0	1967 Blue Hills Dr Ne	Roanoke	Roanoke	24012SMCDC1967B
409	Slocum Adhesives Corp	0	1409 Buchanan St	Lynchburg	Lynchburg (City)	24501SLCMC1409B
410	Smith Mountain Industries	0	1000 Dillard Dr	Lynchburg	Lynchburg (City)	2455WSMTHM1DILB
411	Smith Mountain Industries	0	200 Toy Lane	Blairs	Pittsylvania	2455WSMTHM1DILL
412	Solenis LLC	0	27123 Shady Brook Trail	Courtland	Southampton	23851HRCLSROUTE

Rank	Facility Name	Total On-Site Management (lbs.)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
413	Sonoco Richmond	0	1850 Commerce Rd	Richmond	Richmond	23224SNCPR1850C
414	S.L. Williamson Co. Inc. Shop	0	1230 River Road	Charlottesville	Albemarle	2290WSLWLL123RI
415	Portsmouth Genco LLC	0	1 Wild Duck Ln	Portsmouth	Portsmouth (City)	23703CGNTR1WILD
416	O-N Minerals (Chemstone) Strasburg Lime Plant	0	1696 Oranda Rd	Strasburg	Shenandoah	22657GLBLS1696O
417	Onduline Na	0	4900 Ondura Dr	Fredericksburg	Fredericksburg (City)	22401NDLNN4900O
418	Owens-Brockway Glass Container Inc. Plant 29	0	State Rd	Ringgold	Pittsylvania	24586WNSBRSTATE
419	Parker Hannifin Integrated Seals Div.	0	3700 Mayflower Dr	Lynchburg	Lynchburg (City)	24501WYNNS3700M

Rank	Facility Name	Total On-Site Management (lbs.)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
420	Pascor Atlantic Corp	0	254 Industry Dr	Bland	Bland	24315PSCSTRTE1B
421	Pent Reservation	0	N Rotary Rd	Arlington	Arlington	2220WPNTRSNRTAR
422	Perdue Farms Inc.-Chesapeake Grain	0	501A Barnes Rd	Chesapeake	Chesapeake (City)	23324CRGLL501BA
423	Pilgrim's Pride Corp Broadway Facility	0	330 Co-Op Dr	Timberville	Rockingham	22853RCKNGCOOPD
424	Pilgrim's Pride Corp Harrisonburg Feed mill	0	590 Mt Clinton Pike	Harrisonburg	Harrisonburg (City)	22801WMPLR590MT
425	PINC Products Inc.	0	315 Carver Rd	Martinsville	Henry	24112PNPRD315CA
426	Quarles TCH Bulk Plant	0	73 Seafood Lane	Irvington	Lancaster	2248WQRLST73SEA

Rank	Facility Name	Total On-Site Management (lbs.)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
427	Polynt Composites USA Inc.	0	920 Tightsqueeze Ind Us Trial Rd	Chatham	Pittsylvania	24531FRMNRPITTS
428	Quarles Petroleum Inc. Winchester Bulk Plant	0	779 Smithfield Ave	Winchester	Frederick	22601QRLSP779SM
429	Potomac Supply LLC	0	1398 Kinsale Rd	Kinsale	Westmoreland	22488PTMCSROUTE
430	Pre Con, Inc.	0	321 Brown St	Petersburg	Petersburg (City)	2380WPRCNN321BR
431	Prochem, Inc.	0	5100 Enterprise Dr	Elliston	Montgomery	24087PRCHM51ENT
432	Pugh Lubricants Ashland	0	10992 Leadbetter Rd	Ashland	Hanover	23005PGHLB1992L
433	QQ Printing II Corp	0	160 Century Ln Stonewall Ind Us Trial Park	Winchester	Frederick	22603QBCRW16CEN

Rank	Facility Name	Total On-Site Management (lbs.)	Physical Street	Post Office City	Actual Physical County Of Independent City	Facility ID
434	Qualichem Inc.	0	2003 Salem Industrial Dr	Salem	Salem (City)	2415WQLCHM23SAL
435	Quarles Petroleum Inc. Harrisonburg Bulk Plant	0	1006 W Market St	Harrisonburg	Harrisonburg (City)	22801QRLSP1006W
436	Quarles Petroleum Inc. Culpeper Bulk Plant	0	15427 Brandy Rd	Culpeper	Culpeper	22701QRLSP15427
437	Quarles Petroleum Inc. Front Royal Bulk Plant	0	195 Commerce Ave	Front Royal	Warren	22630QRLSP195CO
438	Jewell Coke Co LP	0	1034 Dismal River Rd	Oakwood	Buchanan	24656JWLLCHWY46
439	Plains Marketing LP Yorktown	0	2201 Goodwin Neck Rd	Yorktown	York	23692MCLCM2201G

APPENDIX J-1 - 2015 VA TRI Jurisdiction Ranking By On-Site Releases

APPENDIX J-1
2015 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	10,163,819	482,577	0	9,681,242
2	Chesterfield	3,802,530	2,553,882	1,100,011	148,637
3	Hopewell (city)	3,406,070	3,248,023	91	157,956
4	Isle of Wight	1,389,389	1,318,432	0	70,957
5	Halifax	1,342,483	572,037	766,301	4,146
6	Buchanan	1,295,102	1,295,102	0	0
7	King William	975,517	841,036	0	134,481
8	Wise	859,914	100,340	759,574	0
9	Hanover	724,159	657,922	0	66,237
10	Campbell	711,191	138,610	6,387	566,195
11	Henry	707,377	707,377	0	0
12	Covington (city)	635,566	622,719	12,090	757
13	Russell	481,340	437,637	28,379	15,324
14	Giles	442,683	359,468	20,596	62,618
15	James City	430,514	430,514	0	0
16	Bedford	427,337	355,844	55,953	15,540
17	Accomack	389,467	65,795	0	323,672
18	Chesapeake (city)	325,567	312,890	12,677	0
19	Pittsylvania	308,204	307,756	0	448
20	Amherst	301,036	295,749	0	5,287
21	York	293,842	279,626	9,510	4,706
22	Rockingham	252,344	116,073	1,437	134,834
23	Newport News (city)	243,278	224,627	13,089	5,562
24	Prince George	203,840	199,881	3,959	0
25	Shenandoah	200,212	124,680	87	75,446
26	Lynchburg (city)	190,671	190,432	0	240
27	Prince William	177,619	149,505	0	28,114

Rank	County or City	Total On-Site Release (Pounds)	Total Air Release (Pounds)	Total Land (Pounds)	Total Water Release (Pounds)
28	Arlington	176,574	175,979	0	595
29	Richmond (city)	175,389	174,606	0	782
30	Botetourt	169,899	169,329	550	20
31	Nottoway	145,906	142	145,693	70
32	Richmond	124,302	124,299	0	3
33	Washington	115,089	115,003	0	86
34	Carroll	112,447	112,447	0	0
35	Lunenburg	108,082	108,082	0	0
36	Louisa	84,719	84,719	0	0
37	Augusta	59,567	34,536	0	25,031
38	Norfolk (city)	58,053	57,945	0	109
39	Roanoke (city)	51,022	50,410	0	612
40	Frederick	48,679	48,679	0	0
41	Warren	36,691	36,500	191	0
42	Portsmouth (city)	34,468	34,460	0	8
43	Culpeper	30,158	30,158	0	0
44	Southampton	28,380	28,330	0	50
45	Henrico	27,668	27,642	0	25
46	Northumberland	27,143	25,033	0	2,110
47	Winchester (city)	26,539	26,448	91	0
48	Galax (city)	25,244	25,244	0	0
49	Greensville	22,434	22,422	0	13
50	Fredericksburg (city)	20,855	20,855	0	0
51	Westmoreland	20,811	20,811	0	0
52	Roanoke	18,771	18,734	0	37
53	Rockbridge	7,658	7,658	0	0
54	King George	7,649	7,649	0	0
55	Suffolk (city)	7,566	7,551	0	15
56	Fauquier	7,350	7,350	0	0
57	Petersburg (city)	6,042	3,932	0	2,110

Rank	County or City	Total On-Site Release (Pounds)	Total Air Release (Pounds)	Total Land (Pounds)	Total Water Release (Pounds)
58	Virginia Beach (city)	4,859	4,683	167	10
59	Loudoun	4,261	4,168	4	89
60	Manassas (city)	3,655	3,655	0	0
61	Hampton (city)	2,964	2,964	0	0
62	Pulaski	2,101	2,101	0	0
63	Fairfax	1,902	266	651	985
64	Fairfax (city)	1,801	1,801	0	0
65	Dinwiddie	1,430	1,370	0	60
66	Wythe	1,228	1,228	0	0
67	Lee	1,228	1	1,227	0
68	Smyth	856	856	0	0
69	Danville (city)	430	323	0	107
70	Mecklenburg	389	386	0	3
71	Charlotte	313	9	304	0
72	Brunswick	302	302	0	0
73	Caroline	221	0	0	221
74	Falls Church (city)	167	0	0	167
75	Stafford	146	130	16	0
76	Buckingham	107	107	0	0
77	Spotsylvania	106	106	0	0
78	Clarke	25	20	5	0
79	Colonial Heights (city)	21	21	0	0
80	Scott	20	20	0	0
81	Bristol (city)	14	14	0	0
82	Sussex	9	9	0	0
83	Buena Vista (city)	6	6	0	0
84	Salem (city)	5	3	0	3
85	Albemarle	1	1	0	0
86	King and Queen	0	0	0	0
87	Amelia	0	0	0	0

Rank	County or City	Total On-Site Release (Pounds)	Total Air Release (Pounds)	Total Land (Pounds)	Total Water Release (Pounds)
88	Harrisonburg (city)	0	0	0	0
89	Lancaster	0	0	0	0
90	Madison	0	0	0	0
91	Patrick	0	0	0	0
92	Franklin	0	0	0	0
93	Cumberland	0	0	0	0
94	Prince Edward	0	0	0	0
95	Bland	0	0	0	0

APPENDIX J-2 - 2015 VA TRI Jurisdiction Ranking By On-Site Management

APPENDIX J-2
2015 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	Chesterfield	340,478,699	0	930,340	1,091,329
2	Hopewell (city)	285,677,433	989,838	53,568	12,551,281
3	Montgomery	40,301,521	0	448,465	303,851
4	Isle of Wight	20,384,825	0	260	901,983
5	Warren	13,085,343	0	30,880	49,070
6	Pittsylvania	8,073,465	0	1,056,570	2,540
7	King William	7,093,969	0	0	0
8	Covington (city)	6,704,550	12,000	0	0
9	Shenandoah	5,887,462	0	191,595	5,957
10	Henry	4,174,925	831,811	1,326,976	271,736
11	Halifax	4,071,035	90	1,488,704	1,046
12	Wise	3,162,000	0	0	0
13	Accomack	2,806,509	0	788	114,363
14	Suffolk (city)	2,803,843	0	0	36,736
15	Campbell	2,722,116	0	2,429,265	20,375
16	Roanoke	1,795,039	0	1,278,412	13,886
17	Prince William	1,448,400	0	260,447	112,000
18	Rockingham	1,433,204	0	28,240	299,728
19	Botetourt	1,150,145	0	180,379	0
20	Richmond (city)	1,117,870	0	717,633	65,891
21	King George	1,081,817	0	0	0
22	Giles	895,615	742,511	30	161
23	Roanoke (city)	860,000	0	3,619,387	20,511
24	Russell	820,000	0	3,358	0
25	Bedford	616,203	0	8,783	0
26	Hanover	606,896	0	206,305	2,548
27	Amherst	504,138	123	0	0
28	Augusta	150,110	0	324,981	36,556
29	York	148,000	0	39,771	12,724

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)
30	Portsmouth (city)	126,983	0	3,087	87
31	Hampton (city)	94,085	0	234,534	258
32	Frederick	82,471	0	0	96,810
33	Mecklenburg	69,300	0	32,268	0
34	Newport News (city)	62,820	0	122,272	120,885
35	Loudoun	48,627	0	157,584	36,972
36	Brunswick	36,064	0	0	0
37	Westmoreland	21,554	0	1,741	0
38	Petersburg (city)	16,575	0	568,385	0
39	Lynchburg (city)	10,696	0	220,621	3,022
40	Greensville	9,800	0	199,522	89,681
41	Manassas (city)	7,970	0	0	0
42	Winchester (city)	6,555	0	0	0
43	Virginia Beach (city)	3,120	0	1,621,209	0
44	Norfolk (city)	740	0	5,810	0
45	Pulaski	22	0	104,946	2
46	James City	10	0	5	1,805
47	Clarke	0	0	0	0
48	Colonial Heights (city)	0	0	0	0
49	Washington	0	0	279,642	712
50	Culpeper	0	0	463,246	861
51	Chesapeake (city)	0	0	93,192	75
52	Charlotte	0	0	0	0
53	Carroll	0	0	0	0
54	Caroline	0	0	0	0
55	Cumberland	0	0	0	0
56	Prince Edward	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	Buena Vista (city)	0	0	16,363	0
58	Buchanan	0	0	0	0
59	Fairfax (city)	0	0	0	0
60	Prince George	0	0	0	0
61	Bristol (city)	0	0	0	0
62	Wythe	0	0	0	0
63	Bland	0	0	591,842	0
64	Richmond	0	0	0	0
65	Arlington	0	0	226	0
66	Rockbridge	0	0	179,694	0
67	Amelia	0	0	0	0
68	Albemarle	0	0	1,308	0
69	Buckingham	0	0	0	0
70	Northumberland	0	0	426	0
71	Lunenburg	0	0	0	0
72	Louisa	0	0	0	0
73	Lee	0	0	0	0
74	Lancaster	0	0	0	0
75	Scott	0	0	0	8,295
76	Smyth	0	0	3,091	0
77	Southampton	0	0	0	47,604
78	Spotsylvania	0	0	0	0
79	Stafford	0	0	43,305	0
80	Sussex	0	0	0	0
81	Dinwiddie	0	0	5,171,616	0
82	Harrisonburg (city)	0	0	244,650	0
83	Danville (city)	0	0	355,146	0
84	Nottoway	0	0	0	0
85	Patrick	0	0	0	0
86	King and Queen	0	0	0	0
87	Galax (city)	0	0	0	88

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)
88	Fredericksburg (city)	0	0	0	0
89	Salem (city)	0	0	113,000	50
90	Franklin	0	0	0	0
91	Fauquier	0	0	8,907	0
92	Falls Church (city)	0	0	0	0
93	Madison	0	0	0	0
94	Fairfax	0	0	650	0
95	Henrico	0	0	39,080	3,729