

**Appendix F: 2013 Summary of Facilities, Chemical Releases, Transfers, and Management (Non-PBT)**  
**Alphabetical Listing by Facility**  
**Within Each County/Independent City**

**2013 Toxics Release Inventory**

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
<b>ACCOMACK</b>	<b>ACCOMAC PROCESSING PLANT</b>							<b>22520 LANKFORD HWY</b>				<b>NAICS Code</b>	<b>31161</b>
AMMONIA	N	10,005	0	10,005	2,592	31	12,628	0	0	85,225	85,225	0	0
CERTAIN GLYCOL ETHERS	N	0	0	0	0	0	0	0	0	12,390	12,390	0	0
HYDROGEN SULFIDE	N	69,900	0	69,900	0	0	69,900	0	0	457,298	457,298	0	0
NITRATE COMPOUNDS	N	0	0	0	0	1,518,935	1,518,935	0	0	0	0	0	0
PERACETIC ACID	N	0	0	0	0	0	0	0	0	69,506	69,506	0	0
<b>Total for ACCOMAC PROCESSING PLANT</b>		<b>79,905</b>	<b>0</b>	<b>79,905</b>	<b>2,592</b>	<b>1,518,966</b>	<b>1,601,463</b>	<b>0</b>	<b>0</b>	<b>624,419</b>	<b>624,419</b>	<b>0</b>	<b>0</b>
<b>ACCOMACK</b>	<b>KMX CHEMICAL CORP</b>							<b>30474 ENERGY DR</b>				<b>NAICS Code</b>	<b>32519</b>
ETHYLENE GLYCOL	N	0	0	0	0	0	0	0	2,913,669	0	2,913,669	0	0
METHANOL	N	750	0	750	0	0	750	0	0	0	0	0	0
<b>Total for KMX CHEMICAL CORP</b>		<b>750</b>	<b>0</b>	<b>750</b>	<b>0</b>	<b>0</b>	<b>750</b>	<b>0</b>	<b>2,913,669</b>	<b>0</b>	<b>2,913,669</b>	<b>0</b>	<b>0</b>
<b>ACCOMACK</b>	<b>TYSON FARMS INC. - TEMPERANCEVILLE</b>							<b>11224 LANKFORD HWY</b>				<b>NAICS Code</b>	<b>31161</b>
AMMONIA	N	6,293	1,339	7,632	0	83	7,715	0	0	12,566	12,566	0	0
CHLORINE DIOXIDE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NITRATE COMPOUNDS	N	0	0	0	0	45,319	45,319	0	0	1,782,600	1,782,600	0	0
PERACETIC ACID	N	0	0	0	0	0	0	0	0	56,049	56,049	0	0
<b>Total for TYSON FARMS INC. - TEMPERANCEVILL</b>		<b>6,293</b>	<b>1,339</b>	<b>7,632</b>	<b>0</b>	<b>45,402</b>	<b>53,034</b>	<b>0</b>	<b>0</b>	<b>1,851,215</b>	<b>1,851,215</b>	<b>0</b>	<b>0</b>

\* 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-PBT chemical 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.

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name	form A*	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
<b>ACCOMACK</b>	<b>U.S. NASA GSFC WALLOPS FLIGHT FACILITY</b>							<b>34200 FULTON STREET</b>				<b>NAICS Code</b>	<b>92711</b>
NAPHTHALENE	N	5	5	10	0	0	10	0	0	0	0	0	261
<b>Total for U.S. NASA GSFC WALLOPS FLIGHT FACI</b>		<b>5</b>	<b>5</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>261</b>
<b>ACCOMACK</b>	<b>VALLEY PROTEINS, INC. - ACCOMAC</b>							<b>22528 LANKFORD HIGHWAY</b>				<b>NAICS Code</b>	<b>31161</b>
AMMONIA	N	0	0	0	0	0	0	0	0	0	0	0	40,214
CHLORINE DIOXIDE	N	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for Valley Proteins, Inc. - Accomac</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>40,214</b>
<b>Total for Above County : (14 reports)</b>		<b>86,953</b>	<b>1,344</b>	<b>88,297</b>	<b>2,592</b>	<b>1,564,368</b>	<b>1,655,257</b>	<b>0</b>	<b>2,913,669</b>	<b>2,475,634</b>	<b>5,389,303</b>	<b>0</b>	<b>40,475</b>
<b>ALBEMARLE</b>	<b>INTERNATIONAL COLD STORAGE</b>							<b>5678 HEARDS MOUNTAIN RD</b>				<b>NAICS Code</b>	<b>33341</b>
DIISOCYANATES	Y	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for INTERNATIONAL COLD STORAGE</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (1 record)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>AMELIA</b>	<b>AMELIA LUMBER CO INC</b>							<b>8680 CROWDER ST</b>				<b>NAICS Code</b>	<b>32111</b>
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for AMELIA LUMBER CO INC</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (1 record)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>AMHERST</b>	<b>GREIF PACKAGING LLC</b>							<b>861 FIBRE PLANT RD</b>				<b>NAICS Code</b>	<b>32211</b>
ACETALDEHYDE	N	3,049	37,315	40,364	0	0	40,364	93	0	63,552	63,645	0	0

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Facility Name/Address		Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name	form A*	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
METHANOL	N	6,805	268,091	274,896	0	0	274,896	102	0	136,367	136,469	0	0
NITRATE COMPOUNDS	N	0	0	0	0	1,026	1,026	0	0	304,560	304,560	0	0
Total for GREIF PACKAGING LLC		<b>9,854</b>	<b>305,406</b>	<b>315,260</b>	<b>0</b>	<b>1,026</b>	<b>316,286</b>	<b>195</b>	<b>0</b>	<b>504,479</b>	<b>504,674</b>	<b>0</b>	<b>0</b>
<b>AMHERST</b>		<b>LYNCHBURG STEEL CO LLC</b>						<b>275 FRANCIS AVE</b>				<b>NAICS Code</b>	<b>33231</b>
CHROMIUM	Y	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	Y	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for LYNCHBURG STEEL CO LLC		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (7 reports)</b>		<b>9,854</b>	<b>305,406</b>	<b>315,260</b>	<b>0</b>	<b>1,026</b>	<b>316,286</b>	<b>195</b>	<b>0</b>	<b>504,479</b>	<b>504,674</b>	<b>0</b>	<b>0</b>
<b>ARLINGTON</b>		<b>ALLIED AVIATION FUELING CO INC</b>						<b>RONALD REAGAN NATIONAL AIRPORT</b>				<b>NAICS Code</b>	<b>42471</b>
BENZENE	N	0	313	313	0	0	313	0	0	0	0	0	66
BIPHENYL	N	1	1	2	0	0	2	0	0	0	0	0	16
CYCLOHEXANE	N	0	313	313	0	0	313	0	0	0	0	0	66
ETHYLBENZENE	N	7	319	326	0	0	326	0	0	0	0	0	142
METHYL TERT-BUTYL ETHER	N	0	625	625	0	0	625	0	0	0	0	0	133
NAPHTHALENE	N	15	349	364	0	0	364	0	0	0	0	0	453
N-HEXANE	N	0	313	313	0	0	313	0	0	0	0	0	66
TOLUENE	N	0	1,562	1,562	0	0	1,562	0	0	0	0	0	331
XYLENE (MIXED ISOMERS)	N	0	1,250	1,250	0	0	1,250	0	0	0	0	0	265

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Facility Name/Address		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)
Chemical Name	form A*												
Total for ALLIED AVIATION FUELING CO INC		23	5,045	5,068	0	0	5,068	0	0	0	0	0	1,539
<b>ARLINGTON</b>	<b>VIRGINIA CONCRETE SHIRLINGTON PLANT</b>							<b>2651 SHIRLINGTON RD</b>				<b>NAICS Code</b>	<b>32732</b>
NITRATE COMPOUNDS	N	0	0	0	0	192	192	0	0	0	0	0	0
Total for VIRGINIA CONCRETE SHIRLINGTON PLA		0	0	0	0	192	192	0	0	0	0	0	0
<b>Total for Above County : (10 reports)</b>		<b>23</b>	<b>5,045</b>	<b>5,068</b>	<b>0</b>	<b>192</b>	<b>5,260</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,539</b>
<b>AUGUSTA</b>	<b>BALL ADVANCED ALUMINUM TECHNOLOGIES CORP.</b>							<b>56 DUNSMORE RD</b>				<b>NAICS Code</b>	<b>33131</b>
ALUMINUM (FUME OR DUST)	N	0	14,000	14,000	0	0	14,000	0	0	0	0	0	47,000
Total for BALL ADVANCED ALUMINUM TECHNOLO		0	14,000	14,000	0	0	14,000	0	0	0	0	0	47,000
<b>AUGUSTA</b>	<b>CERRO FABRICATED PRODUCTS INC</b>							<b>300 TRIANGLE DR</b>				<b>NAICS Code</b>	<b>33272</b>
COPPER	N	0	0	0	0	0	0	0	0	0	0	10	4,625
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	2,478	0
NITRIC ACID	N	5	1,908	1,913	0	0	1,913	0	0	72,320	72,320	0	0
Total for CERRO FABRICATED PRODUCTS INC		5	1,908	1,913	0	0	1,913	0	0	72,320	72,320	2,488	4,625
<b>AUGUSTA</b>	<b>DAIKIN APPLIED</b>							<b>207 LAUREL HILL RD</b>				<b>NAICS Code</b>	<b>33341</b>
COPPER	N	250	0	250	0	0	250	0	0	0	0	30	196,213
SODIUM NITRITE	N	0	0	0	0	0	0	0	0	0	0	11,000	11,000
Total for Daikin Applied		250	0	250	0	0	250	0	0	0	0	11,030	207,213
<b>AUGUSTA</b>	<b>DEGESCH AMERICA INC</b>							<b>153 TRIANGLE DR</b>				<b>NAICS Code</b>	<b>32532</b>
ALUMINUM PHOSPHIDE	Y	0	0	0	0	0	0	0	0	0	0	0	0

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Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
AMMONIA	N	0	986	986	0	0	986	0	0	0	0	0	0
PHOSPHINE	N	0	383	383	0	0	383	0	0	0	0	0	0
Total for DEGESCH AMERICA INC		<b>0</b>	<b>1,369</b>	<b>1,369</b>	<b>0</b>	<b>0</b>	<b>1,369</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>AUGUSTA</b>	<b>FLINT GROUP NORTH AMERICA CORP</b>						<b>106 TRIANGLE DR</b>				<b>NAICS Code</b>	<b>32591</b>	
BARIUM COMPOUNDS	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 FLINT GROUP NORTH AMERICA CORP		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>AUGUSTA</b>	<b>GROTTOES PLASTICS PLANT</b>						<b>149 GRAND CAVERNS DR</b>				<b>NAICS Code</b>	<b>32611</b>	
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	207	0	207	0	286
Total for GROTTOES PLASTICS PLANT		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>207</b>	<b>0</b>	<b>207</b>	<b>0</b>	<b>286</b>
<b>AUGUSTA</b>	<b>INVISTA S.A R.L. - WAYNESBORO FACILITY</b>						<b>400 DU PONT BLVD</b>				<b>NAICS Code</b>	<b>32522</b>	
DIISOCYANATES	N	18	0	18	0	0	18	0	0	0	0	0	4,640
HYDROCHLORIC ACID (1995 AND	N	0	112,000	112,000	0	0	112,000	0	0	0	0	0	0
NITRATE COMPOUNDS	N	0	0	0	0	18,000	18,000	0	0	52,000	52,000	0	0
Total for INVISTA S.A R.L. - WAYNESBORO FACILI		<b>18</b>	<b>112,000</b>	<b>112,018</b>	<b>0</b>	<b>18,000</b>	<b>130,018</b>	<b>0</b>	<b>0</b>	<b>52,000</b>	<b>52,000</b>	<b>0</b>	<b>4,640</b>
<b>AUGUSTA</b>	<b>MASTIC HOME EXTERIORS STUARTS DRAFT</b>						<b>185 JOHNSON DR</b>				<b>NAICS Code</b>	<b>32619</b>	
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		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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# 2013 Toxics Release Inventory

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
<b>AUGUSTA</b>	<b>NIBCO OF VIRGINIA INC.</b>											<b>NAICS Code</b>	<b>33211</b>
CHROMIUM	N	0	0	0	0	1	1	0	0	0	0	1	9,246
COPPER	N	7,826	4,513	12,339	0	60	12,399	0	0	0	0	16	213,805
Total for NIBCO OF VIRGINIA INC.		<b>7,826</b>	<b>4,513</b>	<b>12,339</b>	<b>0</b>	<b>61</b>	<b>12,400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>223,051</b>
<b>AUGUSTA</b>	<b>REXNORD INDUSTRIES LLC</b>											<b>NAICS Code</b>	<b>33361</b>
AMMONIA	N	0	5,478	5,478	0	0	5,478	0	0	0	0	0	0
Total for REXNORD INDUSTRIES LLC		<b>0</b>	<b>5,478</b>	<b>5,478</b>	<b>0</b>	<b>0</b>	<b>5,478</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>AUGUSTA</b>	<b>SCHICK MANUFACTURING, INC.</b>											<b>NAICS Code</b>	<b>33299</b>
AMMONIA	N	629	42	671	0	0	671	0	0	0	0	0	0
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	22,327
TRICHLOROETHYLENE	N	20,176	5,363	25,539	0	5	25,544	0	286,000	0	286,000	0	22,912
Total for Schick Manufacturing, Inc.		<b>20,805</b>	<b>5,405</b>	<b>26,210</b>	<b>0</b>	<b>5</b>	<b>26,215</b>	<b>0</b>	<b>286,000</b>	<b>0</b>	<b>286,000</b>	<b>0</b>	<b>45,239</b>
<b>AUGUSTA</b>	<b>SUNLITE PLASTICS INC.</b>											<b>NAICS Code</b>	<b>32619</b>
DI(2-ETHYLHEXYL) PHTHALATE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for SUNLITE PLASTICS INC.		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (25 reports)</b>		<b>28,904</b>	<b>144,673</b>	<b>173,577</b>	<b>0</b>	<b>18,066</b>	<b>191,643</b>	<b>0</b>	<b>286,207</b>	<b>124,320</b>	<b>410,527</b>	<b>13,535</b>	<b>532,054</b>
<b>BEDFORD</b>	<b>BLUE RIDGE WOOD PRESERVING INC.</b>											<b>NAICS Code</b>	<b>32111</b>
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for BLUE RIDGE WOOD PRESERVING INC.		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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# 2013 Toxics Release Inventory

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
<b>BEDFORD</b>		<b>GEORGIA-PACIFIC BIG ISLAND MILL</b>						<b>9363 LEE-JACKSON HWY</b>				<b>NAICS Code</b>	<b>32212</b>
ACETALDEHYDE	N	1,500	55,000	56,500	45	860	57,405	0	0	60,000	60,000	0	0
AMMONIA	N	500	8,300	8,800	5	2,100	10,905	0	0	0	0	0	0
BARIUM COMPOUNDS	N	0	310	310	25,500	7,200	33,010	0	0	0	0	0	0
HYDROGEN SULFIDE	N	14,897	0	14,897	57	3	14,957	0	0	119,720	119,720	0	0
MANGANESE COMPOUNDS	N	0	300	300	101,300	13,200	114,800	0	0	0	0	0	0
METHANOL	N	3,100	291,000	294,100	680	810	295,590	0	0	146,000	146,000	0	0
NITRATE COMPOUNDS	N	0	0	0	5	1,900	1,905	0	0	0	0	0	0
Total for GEORGIA-PACIFIC BIG ISLAND MILL		<b>19,997</b>	<b>354,910</b>	<b>374,907</b>	<b>127,592</b>	<b>26,073</b>	<b>528,572</b>	<b>0</b>	<b>0</b>	<b>325,720</b>	<b>325,720</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (8 reports)</b>		<b>19,997</b>	<b>354,910</b>	<b>374,907</b>	<b>127,592</b>	<b>26,073</b>	<b>528,572</b>	<b>0</b>	<b>0</b>	<b>325,720</b>	<b>325,720</b>	<b>0</b>	<b>0</b>
<b>BLAND</b>		<b>ABB INC</b>						<b>171 INDUSTRY DRIVE</b>				<b>NAICS Code</b>	<b>33531</b>
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	531,641
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	20,627
NICKEL COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	3,262
XYLENE (MIXED ISOMERS)	N	1,283	9,393	10,676	0	0	10,676	0	0	0	0	0	2,154
Total for ABB INC		<b>1,283</b>	<b>9,393</b>	<b>10,676</b>	<b>0</b>	<b>0</b>	<b>10,676</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>557,684</b>
<b>BLAND</b>		<b>PASCOR ATLANTIC CORP</b>						<b>254 INDUSTRY DR</b>				<b>NAICS Code</b>	<b>33531</b>
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	16,226
Total for PASCOR ATLANTIC CORP		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,226</b>

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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		
Facility Name/Address		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)
Chemical Name	form A*												
<b>Total for Above County : (5 reports)</b>		<b>1,283</b>	<b>9,393</b>	<b>10,676</b>	<b>0</b>	<b>0</b>	<b>10,676</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>573,910</b>
<b>BOTETOURT</b>	<b>ALTEC INDUSTRIES, INC.</b>							<b>325 SOUTH CENTER DRIVE</b>				<b>NAICS Code 33621</b>	
MANGANESE	N	94	0	94	0	0	94	0	0	0	0	0	50,800
Total for Altec Industries, Inc.		<b>94</b>	<b>0</b>	<b>94</b>	<b>0</b>	<b>0</b>	<b>94</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,800</b>
<b>BOTETOURT</b>	<b>DYNAX AMERICA CORP</b>							<b>568 E PARK DR</b>				<b>NAICS Code 33635</b>	
FORMALDEHYDE	N	404	105	509	0	0	509	0	0	10,324	10,324	0	236
HYDROCHLORIC ACID (1995 AND	N	0	668	668	0	0	668	0	0	144,786	144,786	0	0
METHANOL	N	43,474	13,228	56,702	0	0	56,702	0	0	1,185,170	1,185,170	0	25,285
METHYL ISOBUTYL KETONE	N	908	265	1,173	0	0	1,173	0	0	23,378	23,378	0	537
PHENOL	N	4,779	1,202	5,981	0	0	5,981	0	0	124,220	124,220	2	2,846
Total for DYNAX AMERICA CORP		<b>49,565</b>	<b>15,468</b>	<b>65,033</b>	<b>0</b>	<b>0</b>	<b>65,033</b>	<b>0</b>	<b>0</b>	<b>1,487,878</b>	<b>1,487,878</b>	<b>2</b>	<b>28,904</b>
<b>BOTETOURT</b>	<b>GALA INDUSTRIES INC.</b>							<b>181 PAULEY ST</b>				<b>NAICS Code 33322</b>	
CHROMIUM	N	2	0	2	0	0	2	0	0	0	0	0	39,865
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	26,408
Total for GALA INDUSTRIES INC.		<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>66,273</b>
<b>BOTETOURT</b>	<b>GENERAL SHALE BRICK INC PLANT 35 &amp; 36</b>							<b>2353 WEBSTER RD</b>				<b>NAICS Code 32712</b>	
HYDROCHLORIC ACID (1995 AND	N	0	33,520	33,520	0	0	33,520	0	0	17,319	17,319	0	0
HYDROGEN FLUORIDE	N	0	11,480	11,480	0	0	11,480	0	0	150,922	150,922	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 &		<b>0</b>	<b>45,000</b>	<b>45,000</b>	<b>0</b>	<b>0</b>	<b>45,000</b>	<b>0</b>	<b>0</b>	<b>168,241</b>	<b>168,241</b>	<b>0</b>	<b>0</b>

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name	form A*	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
<b>BOTETOURT</b>		<b>METALSA ROANOKE INC.</b>						<b>184 VISTA DR</b>				<b>NAICS Code</b>	<b>33639</b>
MANGANESE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for METALSA ROANOKE INC.		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>BOTETOURT</b>		<b>ROANOKE CEMENT CO LLC</b>						<b>6071 CATAWBA RD</b>				<b>NAICS Code</b>	<b>32731</b>
CHROMIUM COMPOUNDS (EXCEPT	Y	0	0	0	0	0	0	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	12,574	12,574	0	0	12,574	0	0	0	0	0	0
MANGANESE COMPOUNDS	N	317	103	420	129	20	569	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	26,802	26,802	0	0	26,802	0	0	0	0	0	0
Total for ROANOKE CEMENT CO LLC		<b>317</b>	<b>39,479</b>	<b>39,796</b>	<b>129</b>	<b>20</b>	<b>39,945</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>BOTETOURT</b>		<b>TREAD CORP</b>						<b>176 EASTPARK DR</b>				<b>NAICS Code</b>	<b>33211</b>
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	22,898
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	2,531
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	12,005
Total for TREAD CORP		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37,434</b>
<b>Total for Above County : (20 reports)</b>		<b>49,978</b>	<b>99,947</b>	<b>149,925</b>	<b>129</b>	<b>20</b>	<b>150,074</b>	<b>0</b>	<b>0</b>	<b>1,656,119</b>	<b>1,656,119</b>	<b>2</b>	<b>183,411</b>
<b>BRISTOL (CITY)</b>		<b>STRONGWELL CORP BRISTOL</b>						<b>400 COMMONWEALTH AVE</b>				<b>NAICS Code</b>	<b>32619</b>
ANTIMONY	N	0	250	250	0	0	250	0	0	0	0	0	0
DECABROMODIPHENYL OXIDE	N	0	250	250	0	0	250	0	0	0	0	0	0
STYRENE	N	250	250	500	0	0	500	0	0	0	0	0	0

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
Total for STRONGWELL CORP BRISTOL		250	750	1,000	0	0	1,000	0	0	0	0	0	0
Total for Above County : (3 reports)		250	750	1,000	0	0	1,000	0	0	0	0	0	0
<b>BRUNSWICK</b>	<b>REDLAND BRICK INC.- LAWRENCEVILLE PLANT</b>							<b>16024 GOVERNOR HARRISON PKWY</b>				<b>NAICS Code</b>	<b>32712</b>
HYDROGEN FLUORIDE	N	5	299	304	0	0	304	0	0	34,815	34,815	0	0
MANGANESE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for Redland Brick Inc.- Lawrenceville Plant		5	299	304	0	0	304	0	0	34,815	34,815	0	0
Total for Above County : (2 reports)		5	299	304	0	0	304	0	0	34,815	34,815	0	0
<b>BUCHANAN</b>	<b>JEWELL COKE CO L.P.</b>							<b>1034 DISMAL RIVER ROAD</b>				<b>NAICS Code</b>	<b>33111</b>
HYDROCHLORIC ACID (1995 AND	N	0	1,308,936	1,308,936	0	0	1,308,936	0	0	0	0	0	0
Total for JEWELL COKE CO L.P.		0	1,308,936	1,308,936	0	0	1,308,936	0	0	0	0	0	0
Total for Above County : (1 record)		0	1,308,936	1,308,936	0	0	1,308,936	0	0	0	0	0	0
<b>BUENA VISTA (CITY)</b>	<b>EVERBRITE LLC</b>							<b>627 E 30TH ST</b>				<b>NAICS Code</b>	<b>33995</b>
COPPER	N	0	5	5	0	0	5	0	0	0	0	0	13,767
MANGANESE	N	0	1	1	0	0	1	0	0	0	0	0	2,981
Total for EVERBRITE LLC		0	6	6	0	0	6	0	0	0	0	0	16,748
Total for Above County : (2 reports)		0	6	6	0	0	6	0	0	0	0	0	16,748
<b>CAMPBELL</b>	<b>BABCOCK &amp; WILCOX NUCLEAR OPERATIONS GROUP</b>							<b>1570 MOUNT ATHOS RD</b>				<b>NAICS Code</b>	<b>33241</b>
CHROMIUM COMPOUNDS (EXCEPT	N	13	76	89	3	12	104	0	0	0	0	0	127

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
COPPER COMPOUNDS	N	0	17	17	72	314	403	0	0	0	0	0	106,366
HYDROGEN FLUORIDE	N	0	168	168	0	0	168	0	503	86,245	86,748	0	1,770
NICKEL COMPOUNDS	N	3	155	158	1	4	163	0	0	0	0	0	53
NITRATE COMPOUNDS	N	0	0	0	0	477,066	477,066	0	0	620,000	620,000	0	207,576
NITRIC ACID	N	17	2,617	2,634	0	0	2,634	0	4,495	1,016,615	1,021,110	0	585,152
Total for Babcock & Wilcox Nuclear Operations Grou		<b>33</b>	<b>3,033</b>	<b>3,066</b>	<b>75</b>	<b>477,396</b>	<b>480,538</b>	<b>0</b>	<b>4,998</b>	<b>1,722,860</b>	<b>1,727,858</b>	<b>0</b>	<b>901,044</b>
<b>CAMPBELL</b>		<b>BANKER STEEL COMPANY, LLC</b>						<b>351 RANGOON ROAD</b>				<b>NAICS Code</b>	<b>33231</b>
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	28,981
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	55,740
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	50,491
Total for Banker Steel Company, LLC		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>135,212</b>
<b>CAMPBELL</b>		<b>FLOWSERVE CORP LYNCHBURG VA</b>						<b>5114 WOODALL RD</b>				<b>NAICS Code</b>	<b>33399</b>
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		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>CAMPBELL</b>		<b>GEORGIA-PACIFIC WOOD PRODUCTS LLC - BROOKNEAL OSB</b>						<b>11795 BROOKNEAL HIGHWAY</b>				<b>NAICS Code</b>	<b>32121</b>
ACETALDEHYDE	N	0	5,300	5,300	0	0	5,300	0	0	47,000	47,000	0	0
AMMONIA	N	0	52,000	52,000	0	0	52,000	0	0	0	0	0	0
FORMALDEHYDE	N	0	33,000	33,000	23	0	33,023	0	0	70,000	70,000	1	1
MANGANESE COMPOUNDS	N	0	67	67	0	0	67	0	0	0	0	0	5,300

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name	form A*	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
METHANOL	N	0	64,000	64,000	0	0	64,000	0	0	210,000	210,000	0	0
Total for GEORGIA-PACIFIC WOOD PRODUCTS L		0	154,367	154,367	23	0	154,390	0	0	327,000	327,000	1	5,301
<b>CAMPBELL</b>	<b>SCHRADER-BRIDGEPORT INTERNATIONAL</b>						<b>205 FRAZIER RD</b>				<b>NAICS Code</b>	<b>33639</b>	
COPPER	N	0	0	0	0	5	5	0	0	0	0	0	1,085,754
Total for SCHRADER-BRIDGEPORT INTERNATIONAL		0	0	0	0	5	5	0	0	0	0	0	1,085,754
<b>CAMPBELL</b>	<b>TIMKEN CO ALTAVISTA BEARING PLANT</b>						<b>2097 DEARING FORD RD</b>				<b>NAICS Code</b>	<b>33299</b>	
NICKEL	N	1	0	1	0	0	1	0	0	0	0	0	2,217
Total for TIMKEN CO ALTAVISTA BEARING PLANT		1	0	1	0	0	1	0	0	0	0	0	2,217
<b>Total for Above County : (18 reports)</b>		<b>34</b>	<b>157,400</b>	<b>157,434</b>	<b>98</b>	<b>477,401</b>	<b>634,934</b>	<b>0</b>	<b>4,998</b>	<b>2,049,860</b>	<b>2,054,858</b>	<b>1</b>	<b>2,129,528</b>
<b>CAROLINE</b>	<b>HOOVER TREATED WOOD PRODUCTS, INC</b>						<b>18315 HOUSE DR</b>				<b>NAICS Code</b>	<b>32199</b>	
ARSENIC COMPOUNDS	N	0	0	0	0	32	32	0	0	0	0	0	0
CHROMIUM COMPOUNDS (EXCEPT	N	0	0	0	0	28	28	0	0	0	0	0	0
COPPER COMPOUNDS	N	0	0	0	0	28	28	0	0	0	0	0	0
Total for HOOVER TREATED WOOD PRODUCTS, I		0	0	0	0	88	88	0	0	0	0	0	0
<b>CAROLINE</b>	<b>JCI JONES CHEMICALS INC.</b>						<b>16248 INDUSTRIAL DR</b>				<b>NAICS Code</b>	<b>42469</b>	
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
<b>CAROLINE</b>	<b>LADYSMITH COMBUSTION TURBINE STATION</b>						<b>8063 CEDON RD</b>				<b>NAICS Code</b>	<b>22111</b>	
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(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
Total for LADYSMITH COMBUSTION TURBINE STA		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>CAROLINE</b>	<b>U.S. ARMY FORT AP HILL GARRISON OPERATIONS (PART)</b>						<b>19952 N RANGE RD</b>				<b>NAICS Code</b>	<b>92811</b>	
COPPER	N	0	0	0	37,195	1,863	39,058	0	0	0	0	0	5
Total for U.S. ARMY FORT AP HILL GARRISON OP		<b>0</b>	<b>0</b>	<b>0</b>	<b>37,195</b>	<b>1,863</b>	<b>39,058</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>
<b>Total for Above County : (8 reports)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>37,195</b>	<b>1,951</b>	<b>39,146</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>
<b>CARROLL</b>	<b>CATERPILLAR CONVEYOR SYSTEM PRODUCTS</b>						<b>107 RAINTREE ROAD</b>				<b>NAICS Code</b>	<b>33392</b>	
MANGANESE	N	12	0	12	0	0	12	0	0	0	0	0	0
Total for Caterpillar Conveyor System Products		<b>12</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>CARROLL</b>	<b>VAUGHAN-BASSETT FURNITURE CO. GALAX</b>						<b>300 E GRAYSON ST</b>				<b>NAICS Code</b>	<b>33712</b>	
CERTAIN GLYCOL ETHERS	N	1,670	9,466	11,136	0	0	11,136	0	0	0	0	0	106
METHANOL	N	3,031	17,177	20,208	0	0	20,208	0	0	0	0	0	180
TOLUENE	N	10,130	57,536	67,666	0	0	67,666	0	0	0	0	0	623
VINYL ACETATE	N	21,505	0	21,505	0	0	21,505	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	2,530	14,338	16,868	0	0	16,868	0	0	0	0	0	154
Total for VAUGHAN-BASSETT FURNITURE CO. GA		<b>38,866</b>	<b>98,517</b>	<b>137,383</b>	<b>0</b>	<b>0</b>	<b>137,383</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,063</b>
<b>Total for Above County : (6 reports)</b>		<b>38,878</b>	<b>98,517</b>	<b>137,395</b>	<b>0</b>	<b>0</b>	<b>137,395</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,063</b>
<b>CHESAPEAKE (CITY)</b>	<b>AMERICAN GFM CORP</b>						<b>1200 CAVALIER BLVD</b>				<b>NAICS Code</b>	<b>33351</b>	

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# 2013 Toxics Release Inventory

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
AMMONIA	N	0	11,730	11,730	0	0	11,730	0	0	0	0	0	0
Total for AMERICAN GFM CORP		<b>0</b>	<b>11,730</b>	<b>11,730</b>	<b>0</b>	<b>0</b>	<b>11,730</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>CHESAPEAKE (CITY)</b>	<b>BUCKEYE TERMINALS, LLC - CHESAPEAKE TERMINAL</b>						<b>4030 BUELL ST</b>				<b>NAICS Code</b>	<b>49319</b>	
1,2,4-TRIMETHYLBENZENE	N	104	73	177	0	0	177	0	0	0	0	0	0
BENZENE	N	89	309	398	0	0	398	0	0	0	0	0	0
ETHYLBENZENE	N	69	44	113	0	0	113	0	0	0	0	0	0
NAPHTHALENE	N	18	4	22	0	0	22	0	0	0	0	0	0
N-HEXANE	N	92	575	667	0	0	667	0	0	0	0	0	0
TOLUENE	N	336	473	809	0	0	809	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	309	201	510	0	0	510	0	0	0	0	0	0
Total for BUCKEYE TERMINALS, LLC - CHESAPEA		<b>1,017</b>	<b>1,679</b>	<b>2,696</b>	<b>0</b>	<b>0</b>	<b>2,696</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>CHESAPEAKE (CITY)</b>	<b>CHESAPEAKE ENERGY CENTER</b>						<b>2701 VEPCO ST</b>				<b>NAICS Code</b>	<b>22111</b>	
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	N	0	8,300	8,300	0	450	8,750	0	0	0	0	0	0
BARIIUM COMPOUNDS	N	0	0	0	24,000	2,300	26,300	0	0	0	0	0	0
COPPER COMPOUNDS	N	0	2	2	5,100	23	5,125	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	810,000	810,000	0	0	810,000	0	0	0	0	0	0
HYDROGEN FLUORIDE	N	0	100,000	100,000	0	0	100,000	0	0	0	0	0	0
MANGANESE COMPOUNDS	N	0	78	78	6,200	320	6,598	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
SULFURIC ACID - (1994 AND AFTER	N	0	75,000	75,000	0	0	75,000	0	0	230,000	230,000	0	0
VANADIUM COMPOUNDS	N	0	0	0	9,600	0	9,600	0	0	0	0	0	0
ZINC COMPOUNDS	N	0	1	1	1,800	16,000	17,801	0	0	0	0	0	0
<b>Total for CHESAPEAKE ENERGY CENTER</b>		<b>0</b>	<b>993,381</b>	<b>993,381</b>	<b>46,700</b>	<b>19,093</b>	<b>1,059,174</b>	<b>0</b>	<b>0</b>	<b>230,000</b>	<b>230,000</b>	<b>0</b>	<b>0</b>
<b>CHESAPEAKE (CITY)</b>								<b>501 BARNES RD</b>				<b>NAICS Code</b>	<b>31122</b>
N-HEXANE	N	89,607	199,447	289,054	0	0	289,054	0	0	0	0	83	83
<b>Total for CHESAPEAKE SOY CRUSHING</b>		<b>89,607</b>	<b>199,447</b>	<b>289,054</b>	<b>0</b>	<b>0</b>	<b>289,054</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>83</b>	<b>83</b>
<b>CHESAPEAKE (CITY)</b>								<b>2837 S MILITARY HWY</b>				<b>NAICS Code</b>	<b>22111</b>
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
<b>Total for ELIZABETH RIVER COMBUSTION TURBI</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>CHESAPEAKE (CITY)</b>								<b>3900 COOK BLVD</b>				<b>NAICS Code</b>	<b>33391</b>
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
<b>Total for FLOWSERVE US INC</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>CHESAPEAKE (CITY)</b>								<b>401 VOLVO PKWY</b>				<b>NAICS Code</b>	<b>32599</b>
CHROMIUM COMPOUNDS (EXCEPT	N	5	14	19	0	0	19	0	0	0	0	0	1,980
ZINC COMPOUNDS	N	5	18	23	0	0	23	0	0	0	0	0	2,745
<b>Total for MITSUBISHI KAGAKU IMAGING CORP</b>		<b>10</b>	<b>32</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,725</b>
<b>CHESAPEAKE (CITY)</b>								<b>401 VOLVO PKWY</b>				<b>NAICS Code</b>	<b>33281</b>

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name	form A*	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	30,240
Total for MITSUBISHI Plastics Composites America		0	0	0	0	0	0	0	0	0	0	0	30,240
<b>Total for Above County : (28 reports)</b>		<b>90,634</b>	<b>1,206,269</b>	<b>1,296,903</b>	<b>46,700</b>	<b>19,093</b>	<b>1,362,696</b>	<b>0</b>	<b>0</b>	<b>230,000</b>	<b>230,000</b>	<b>83</b>	<b>35,048</b>
<b>CHESTERFIELD</b>	<b>ALERIS ROLLED PRODUCTS, INC.</b>							<b>1701 REYMET RD</b>				<b>NAICS Code 33131</b>	
ALUMINUM (FUME OR DUST)	N	3,411	6,755	10,166	0	0	10,166	0	0	0	0	0	729,342
Total for Aleris Rolled Products, Inc.		3,411	6,755	10,166	0	0	10,166	0	0	0	0	0	729,342
<b>CHESTERFIELD</b>	<b>AMCOR TOBACCO PACKAGING</b>							<b>701 ALGROUP WAY</b>				<b>NAICS Code 32311</b>	
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	0
COPPER COMPOUNDS	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
<b>CHESTERFIELD</b>	<b>BELLWOOD PRINTING PLANT</b>							<b>2001 REYMET RD</b>				<b>NAICS Code 32311</b>	
AMMONIA	N	6,868	6,868	13,736	0	0	13,736	0	0	0	0	0	0
Total for BELLWOOD PRINTING PLANT		6,868	6,868	13,736	0	0	13,736	0	0	0	0	0	0
<b>CHESTERFIELD</b>	<b>CHESTERFIELD POWER STATION</b>							<b>500 COXENDALE RD</b>				<b>NAICS Code 22111</b>	
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	N	0	28,000	28,000	0	30,000	58,000	0	0	0	0	0	0
ARSENIC COMPOUNDS	N	0	94	94	37,000	0	37,094	0	0	0	0	0	0
BARIUM COMPOUNDS	N	0	96	96	350,000	0	350,096	0	0	0	0	0	0
CHROMIUM COMPOUNDS (EXCEPT	N	0	210	210	63,000	0	63,210	0	0	0	0	0	0
COBALT COMPOUNDS	N	0	41	41	22,000	0	22,041	0	0	0	0	0	0

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
COPPER COMPOUNDS	N	0	20	20	71,000		480	71,500	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	570,000	570,000	0		0	570,000	0	0	0	0	0
HYDROGEN FLUORIDE	N	0	71,000	71,000	0		0	71,000	0	0	0	0	0
MANGANESE COMPOUNDS	N	0	250	250	89,000		0	89,250	0	0	0	0	0
NAPHTHALENE	Y	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
NICKEL COMPOUNDS	N	0	150	150	63,000		0	63,150	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	79,000	79,000	0		0	79,000	0	0	0	0	0
VANADIUM COMPOUNDS	N	0	50	50	140,000		0	140,050	0	0	0	0	0
ZINC COMPOUNDS	N	0	630	630	79,000		910	80,540	0	0	0	0	0
<b>Total for CHESTERFIELD POWER STATION</b>		<b>0</b>	<b>749,541</b>	<b>749,541</b>	<b>14,000</b>		<b>31,390</b>	<b>1,694,931</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>CHESTERFIELD</b>													
<b>CHURCH &amp; DWIGHT CO. INC.</b>													
												<b>1851 TOUCHSTONE RD</b>	<b>NAICS Code 32629</b>
AMMONIA	N	25,404	473,401	498,805	0		0	498,805	0	0	0	0	927 556
NITRATE COMPOUNDS	N	0	158	158	0		0	158	0	0	0	0	63,175 59,668
<b>Total for CHURCH &amp; DWIGHT CO. INC.</b>		<b>25,404</b>	<b>473,559</b>	<b>498,963</b>	<b>0</b>		<b>0</b>	<b>498,963</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>64,102 60,224</b>
<b>CHESTERFIELD</b>													
<b>DUPONT JAMES RIVER PLANT</b>													
													<b>1201 BELLWOOD RD</b>
HYDROGEN SULFIDE	N	163	0	163	0		0	163	0	0	0	0	0 0
SULFURIC ACID - (1994 AND AFTER	N	2,903	13,624	16,527	0		0	16,527	0	0	0	0	0 0
<b>Total for DUPONT JAMES RIVER PLANT</b>		<b>3,066</b>	<b>13,624</b>	<b>16,690</b>	<b>0</b>		<b>0</b>	<b>16,690</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0 0</b>
<b>CHESTERFIELD</b>													
<b>DUPONT SPRUANCE PLANT</b>													
													<b>U.S. HWY 1 AT COGBILL RD</b>
													<b>NAICS Code 32522</b>

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
1,3-PHENYLENEDIAMINE	N	0	0	0	0	0	0	0	0	0	0	0	1,296
CHLOROFORM	N	2,330	12,261	14,591	0	13	14,604	0	0	321	321	0	0
CHROMIUM	N	0	0	0	0	56	56	0	0	0	0	0	11,700
DIMETHYLAMINE	N	52,344	0	52,344	0	22,415	74,759	0	0	118,656	118,656	0	0
NICKEL	N	0	0	0	0	399	399	0	0	0	0	0	7,150
N-METHYL-2-PYRROLIDONE	N	0	56,020	56,020	0	4,181	60,201	0	0	31,145	31,145	0	558,193
P-PHENYLENEDIAMINE	N	0	0	0	0	0	0	0	0	0	0	0	6,199
TOLUENE	N	10,190	11,040	21,230	0	18	21,248	0	0	0	0	0	12,401
TRICHLOROFLUOROMETHANE	N	136,454	4,506	140,960	0	18	140,978	0	0	21	21	0	0
<b>Total for DUPONT SPRUANCE PLANT</b>		<b>201,318</b>	<b>83,827</b>	<b>285,145</b>	<b>0</b>	<b>27,100</b>	<b>312,245</b>	<b>0</b>	<b>0</b>	<b>150,143</b>	<b>150,143</b>	<b>0</b>	<b>596,939</b>
<b>CHESTERFIELD</b>	<b>DUPONT TEIJIN FILMS</b>							<b>3600 DISCOVERY DR</b>				<b>NAICS Code</b>	<b>32521</b>
ACETALDEHYDE	N	0	74,533	74,533	0	976	75,509	0	0	5,930	5,930	2,255	1,968
ANTIMONY COMPOUNDS	N	0	0	0	0	12	12	0	0	0	0	17	40
ETHYLENE GLYCOL	N	0	884	884	0	26	910	0	0	704,680	704,680	230,382	220,246
<b>Total for DUPONT TEIJIN FILMS</b>		<b>0</b>	<b>75,417</b>	<b>75,417</b>	<b>0</b>	<b>1,014</b>	<b>76,431</b>	<b>0</b>	<b>0</b>	<b>710,610</b>	<b>710,610</b>	<b>232,654</b>	<b>222,254</b>
<b>CHESTERFIELD</b>	<b>ETERNAL TECHNOLOGY CORP</b>							<b>1800 TOUCHSTONE RD</b>				<b>NAICS Code</b>	<b>32599</b>
TOLUENE	N	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for ETERNAL TECHNOLOGY CORP</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>CHESTERFIELD</b>	<b>HONEYWELL INTERNATIONAL COLONIAL HEIGHTS PLANT</b>							<b>15801 WOODS EDGE RD</b>				<b>NAICS Code</b>	<b>32522</b>
FREON 113	N	299,575	65,149	364,724	0	0	364,724	0	305,637,206	0	305,637,206	0	4,818

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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		
Facility Name/Address		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)
Chemical Name	form A*												
Total for HONEYWELL INTERNATIONAL COLONIA		299,575	65,149	364,724	0	0	364,724	0	305,637,206	0	305,637,206	0	4,818
<b>CHESTERFIELD</b>	<b>INDUSTRIAL CHEMICALS INC</b>							<b>2540 BELLWOOD RD</b>				<b>NAICS Code</b>	<b>42469</b>
ETHYLENE GLYCOL	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 INDUSTRIAL CHEMICALS INC		0	0	0	0	0	0	0	0	0	0	0	0
<b>CHESTERFIELD</b>	<b>PHILIP MORRIS USA PARK 500 SITE</b>							<b>4100 BERMUDA HUNDRED RD</b>				<b>NAICS Code</b>	<b>31222</b>
AMMONIA	N	3,510	347,500	351,010	0	100	351,110	0	0	2,660	2,660	0	862
CHLORINE	N	3	297	300	0	0	300	0	0	6,340	6,340	0	0
HYDROCHLORIC ACID (1995 AND	N	0	207,350	207,350	0	0	207,350	0	0	0	0	0	0
NICOTINE AND SALTS	N	213	21,330	21,543	0	28	21,571	0	0	135,930	135,930	0	152,860
NITRATE COMPOUNDS	N	0	0	0	0	1,778	1,778	0	0	620,470	620,470	0	0
Total for PHILIP MORRIS USA PARK 500 SITE		3,726	576,477	580,203	0	1,906	582,109	0	0	765,400	765,400	0	153,722
<b>CHESTERFIELD</b>	<b>SABRA DIPPING COMPANY, LLC</b>							<b>15900 SABRA WAY</b>				<b>NAICS Code</b>	<b>31199</b>
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	29,000	29,000
NITRIC ACID	N	0	0	0	0	0	0	0	0	29,417	29,417	0	0
Total for Sabra Dipping Company, LLC		0	0	0	0	0	0	0	0	29,417	29,417	29,000	29,000
<b>CHESTERFIELD</b>	<b>SAFETY-KLEEN SYSTEMS (315401)</b>							<b>1200 W 100 RD</b>				<b>NAICS Code</b>	<b>56211</b>
ETHYLENE GLYCOL	N	17	37	54	0	0	54	0	0	0	0	0	1,305,933
Total for SAFETY-KLEEN SYSTEMS (315401)		17	37	54	0	0	54	0	0	0	0	0	1,305,933
<b>CHESTERFIELD</b>	<b>SUPER RADIATOR COILS</b>							<b>451 SOUTHLAKE BLVD</b>				<b>NAICS Code</b>	<b>33341</b>

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Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	7,882
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	5,232
Total for SUPER RADIATOR COILS		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,114</b>
<b>CHESTERFIELD</b>	<b>TRIDENT AMERICAS</b>	<b>833 LIBERTY WAY</b>											<b>NAICS Code 33281</b>
COPPER	N	0	559	559	0	0	559	0	0	0	0	0	10,168
Total for Trident Americas		<b>0</b>	<b>559</b>	<b>559</b>	<b>0</b>	<b>0</b>	<b>559</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,168</b>
<b>CHESTERFIELD</b>	<b>UNIVAR USA INC CHESTER FACILIT Y</b>	<b>1001 OLD BERMUDA HUNDRED RD</b>											<b>NAICS Code 42469</b>
CERTAIN GLYCOL ETHERS	Y	0	0	0	0	0	0	0	0	0	0	0	0
CYCLOHEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	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
METHANOL	N	51	1,287	1,338	0	0	1,338	0	0	0	0	0	0
METHYL ISOBUTYL KETONE	Y	0	0	0	0	0	0	0	0	0	0	0	0
METHYL TERT-BUTYL ETHER	Y	0	0	0	0	0	0	0	0	0	0	0	0
N,N-DIMETHYLFORMAMIDE	Y	0	0	0	0	0	0	0	0	0	0	0	0
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 UNIVAR USA INC CHESTER FACILIT Y		<b>51</b>	<b>1,287</b>	<b>1,338</b>	<b>0</b>	<b>0</b>	<b>1,338</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>CHESTERFIELD</b>	<b>US DEFENSE LOGISTICS AGENCY DEFENSE SUPPLY CENTER RICHM</b>	<b>8000 JEFFERSON DAVIS HWY</b>											<b>NAICS Code 42512</b>
BROMOCHLORODIFLUOROMETHA	N	234	0	234	0	0	234	0	0	0	0	0	0

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
BROMOTRIFLUOROMETHANE	N	326	0	326	0	0	326	0	17,159	0	17,159	0	0
DICHLORODIFLUOROMETHANE (C	N	21	0	21	0	0	21	0	0	0	0	0	0
DICHLOROTETRAFLUROETHANE	N	350	0	350	0	0	350	0	0	0	0	0	0
FREON 113	N	27	0	27	0	0	27	0	0	0	0	0	0
TRICHLOROFLUOROMETHANE	N	8	0	8	0	0	8	0	0	0	0	0	0
<b>Total for US DEFENSE LOGISTICS AGENCY DEFE</b>		<b>966</b>	<b>0</b>	<b>966</b>	<b>0</b>	<b>0</b>	<b>966</b>	<b>0</b>	<b>17,159</b>	<b>0</b>	<b>17,159</b>	<b>0</b>	<b>0</b>
<b>CHESTERFIELD</b>								<b>1600 BELLWOOD RD</b>				<b>NAICS Code</b>	<b>32519</b>
<b>WAKO CHEMICALS USA INC</b>													
AMMONIA	N	250	40	290	0	0	290	0	0	900	900	0	0
HYDROCHLORIC ACID (1995 AND	N	250	530	780	0	0	780	0	0	14,000	14,000	0	0
METHANOL	N	750	16,000	16,750	0	0	16,750	0	0	120,000	120,000	10,000	110,000
TOLUENE	N	250	9,000	9,250	0	0	9,250	0	0	10,000	10,000	0	82,250
<b>Total for WAKO CHEMICALS USA INC</b>		<b>1,500</b>	<b>25,570</b>	<b>27,070</b>	<b>0</b>	<b>0</b>	<b>27,070</b>	<b>0</b>	<b>0</b>	<b>144,900</b>	<b>144,900</b>	<b>10,000</b>	<b>192,250</b>
<b>Total for Above County : (71 reports)</b>		<b>545,902</b>	<b>2,078,670</b>	<b>2,624,572</b>	<b>14,000</b>	<b>61,410</b>	<b>3,599,982</b>	<b>0</b>	<b>305,654,365</b>	<b>1,800,470</b>	<b>307,454,835</b>	<b>335,756</b>	<b>3,317,764</b>
<b>CLARKE</b>								<b>618 E MAIN ST</b>				<b>NAICS Code</b>	<b>45431</b>
<b>GRIFFITH ENERGY SERVICES INC - BERRYVILLE</b>													
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
<b>Total for GRIFFITH ENERGY SERVICES INC - BER</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (3 reports)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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# 2013 Toxics Release Inventory

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
<b>COLONIAL HEIGHTS (CITY) SUN CHEMICAL CORP</b>								<b>16000 CONTINENTAL BLVD</b>				<b>NAICS Code</b>	<b>32591</b>
COPPER	N	12	11	23	0	0	23	0	0	0	0	0	0
Total for SUN CHEMICAL CORP		<b>12</b>	<b>11</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Total for Above County : (1 record)		<b>12</b>	<b>11</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>COVINGTON (CITY) MEADWESTVACO OF VIRGINIA COVINGTON OPERATIONS</b>								<b>104 E. RIVERSIDE STREET</b>				<b>NAICS Code</b>	<b>32213</b>
ACETALDEHYDE	N	2	1,400	1,402	0	0	1,402	0	0	70,000	70,000	0	0
AMMONIA	N	0	0	0	0	0	0	0	0	400	400	0	0
BARIUM COMPOUNDS	N	0	2	2	0	0	2	0	0	0	0	0	0
CATECHOL	N	0	0	0	30	39	69	0	0	380	380	0	0
CHLORINE	N	10	470	480	0	0	480	0	0	86,000	86,000	0	0
CHLORINE DIOXIDE	N	5	3,800	3,805	0	0	3,805	0	0	450,000	450,000	0	0
CRESOL (MIXED ISOMERS)	N	0	0	0	0	0	0	0	0	1,200	1,200	0	0
FORMALDEHYDE	N	13	2,700	2,713	0	0	2,713	0	0	150,000	150,000	0	0
FORMIC ACID	N	0	18,000	18,000	0	0	18,000	0	0	870,000	870,000	0	0
HYDROCHLORIC ACID (1995 AND	N	120	4	124	0	0	124	0	0	220	220	0	0
HYDROGEN SULFIDE	N	12,000	81,000	93,000	11,000	5	104,005	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	54,000	54,000	0	0	54,000	0	0	2,900,000	2,900,000	0	0
NITRATE COMPOUNDS	N	0	0	0	72	0	72	0	0	0	0	0	0
PHENOL	N	0	0	0	0	0	0	0	0	680	680	0	0

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
SULFURIC ACID - (1994 AND AFTER	N	0	210,000	210,000	0	0	210,000	0	0	290,000	290,000	0	0
VANADIUM COMPOUNDS	N	0	2	2	0	0	2	0	0	0	0	0	0
ZINC COMPOUNDS	N	0	14	14	0	0	14	0	0	0	0	0	0
<b>Total for MEADWESTVACO OF VIRGINIA COVING</b>		<b>12,150</b>	<b>371,392</b>	<b>383,542</b>	<b>11,102</b>	<b>44</b>	<b>394,688</b>	<b>0</b>	<b>0</b>	<b>6,418,880</b>	<b>6,418,880</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (18 reports)</b>		<b>12,150</b>	<b>371,392</b>	<b>383,542</b>	<b>11,102</b>	<b>44</b>	<b>394,688</b>	<b>0</b>	<b>0</b>	<b>6,418,880</b>	<b>6,418,880</b>	<b>0</b>	<b>0</b>
<b>CULPEPER</b>	<b>BINGHAM AND TAYLOR</b>							<b>601 NALLE PLACE</b>				<b>NAICS Code</b>	<b>33151</b>
CHROMIUM	N	0	1	1	0	0	1	0	0	0	0	0	1,327
COPPER	N	0	1	1	0	11	12	0	0	0	0	0	1,728
MANGANESE	N	0	10	10	0	0	10	0	0	0	0	0	469
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	616
<b>Total for Bingham and Taylor</b>		<b>0</b>	<b>12</b>	<b>12</b>	<b>0</b>	<b>11</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,140</b>
<b>CULPEPER</b>	<b>CULPEPER WOOD PRESERVERS</b>							<b>15487 BRAGGS CORNER RD</b>				<b>NAICS Code</b>	<b>32111</b>
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for CULPEPER WOOD PRESERVERS</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>CULPEPER</b>	<b>MASCO CABINETRY LLC</b>							<b>641 MADDOX DR</b>				<b>NAICS Code</b>	<b>33711</b>
TOLUENE	N	0	15,568	15,568	0	0	15,568	0	0	0	0	0	685
XYLENE (MIXED ISOMERS)	N	0	21,665	21,665	0	0	21,665	0	0	0	0	0	949
<b>Total for MASCO CABINETRY LLC</b>		<b>0</b>	<b>37,233</b>	<b>37,233</b>	<b>0</b>	<b>0</b>	<b>37,233</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,634</b>
<b>CULPEPER</b>	<b>QUARLES PETROLEUM INC. CULPEPER BULK PLANT</b>							<b>15427 BRANDY RD</b>				<b>NAICS Code</b>	<b>42471</b>
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
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. CULPEPER		0	0	0	0	0	0	0	0	0	0	0	0
<b>CULPEPER</b>	<b>TE CONNECTIVITY</b>							<b>751 OLD BRANDY RD</b>				<b>NAICS Code</b>	<b>33149</b>
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	15,291
COPPER	N	0	0	0	0	0	0	0	0	0	0	3	267,293
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	38,327
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	7,656
ZINC (FUME OR DUST)	N	0	0	0	0	0	0	0	0	0	0	0	61,111
Total for TE Connectivity		0	0	0	0	0	0	0	0	0	0	3	389,678
<b>Total for Above County : (18 reports)</b>		<b>0</b>	<b>37,245</b>	<b>37,245</b>	<b>0</b>	<b>11</b>	<b>37,256</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>395,452</b>
<b>CUMBERLAND</b>	<b>GEMINI-FARMVILLE</b>							<b>102 HAUSCHILD DR</b>				<b>NAICS Code</b>	<b>33995</b>
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
<b>Total for Above County : (1 record)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>DANVILLE (CITY)</b>	<b>THE GOODYEAR TIRE &amp; RUBBER CO.</b>							<b>1901 GOODYEAR BLVD</b>				<b>NAICS Code</b>	<b>32621</b>

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Appendix F

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Facility Name/Address		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)
Chemical Name	form A*												
COBALT COMPOUNDS		N	0	3	3	0	0	3	0	0	0	0	3,215
ZINC COMPOUNDS ****		N	0	313	313	0	107	420	0	0	0	6,310	377,705
Total for THE GOODYEAR TIRE & RUBBER CO.			<b>0</b>	<b>316</b>	<b>316</b>	<b>0</b>	<b>107</b>	<b>423</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,310</b>	<b>380,920</b>
<b>Total for Above County : (2 reports)</b>			<b>0</b>	<b>316</b>	<b>316</b>	<b>0</b>	<b>107</b>	<b>423</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,310</b>	<b>380,920</b>
<b>DINWIDDIE</b>		<b>CHAPARRAL (VA) INC.</b>						<b>25801 HOFHEIMER WAY</b>				<b>NAICS Code 33111</b>	
CHROMIUM COMPOUNDS (EXCEPT		N	62	21	83	9	0	92	0	0	0	0	41,149
COPPER COMPOUNDS		N	5	5	10	38	0	48	0	0	0	0	33,498
MANGANESE COMPOUNDS		N	556	101	657	0	0	657	0	0	0	0	339,598
NICKEL COMPOUNDS		N	7	68	75	0	0	75	0	0	0	0	3,434
ZINC COMPOUNDS		N	0	0	0	19	0	19	0	0	0	0	4,618,526
Total for CHAPARRAL (VA) INC.			<b>630</b>	<b>195</b>	<b>825</b>	<b>66</b>	<b>0</b>	<b>891</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,036,205</b>
<b>DINWIDDIE</b>		<b>TUBE CITY IMS</b>						<b>25805 HOFHEIMER WAY</b>				<b>NAICS Code 56292</b>	
MANGANESE COMPOUNDS		N	17	0	17	0	0	17	0	0	0	0	0
Total for TUBE CITY IMS			<b>17</b>	<b>0</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (6 reports)</b>			<b>647</b>	<b>195</b>	<b>842</b>	<b>66</b>	<b>0</b>	<b>908</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,036,205</b>
<b>FAIRFAX</b>		<b>CIA HEADQUARTERS COMPOUND</b>						<b>RT 123 &amp; 193</b>				<b>NAICS Code 92811</b>	
1,2,4-TRIMETHYLBENZENE		N	5	0	5	0	0	5	0	0	0	0	0
Total for CIA HEADQUARTERS COMPOUND			<b>5</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FAIRFAX</b>		<b>SHENANDOAH'S PRIDE</b>						<b>5325 PORT ROYAL RD</b>				<b>NAICS Code 31151</b>	

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
NITRIC ACID	N	0	0	0	0	0	0	0	0	15,900	15,900	0	0
Total for SHENANDOAH'S PRIDE		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,900</b>	<b>15,900</b>	<b>0</b>	<b>0</b>
<b>FAIRFAX</b>	<b>SICPA SECURINK CORP</b>						<b>8000 RESEARCH WAY</b>				<b>NAICS Code</b>	<b>32591</b>	
CERTAIN GLYCOL ETHERS	N	202	0	202	0	0	202	0	0	0	0	0	1,750
PHTHALIC ANHYDRIDE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE DIISOCYANATE (MIXED	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for SICPA SECURINK CORP		<b>202</b>	<b>0</b>	<b>202</b>	<b>0</b>	<b>0</b>	<b>202</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,750</b>
<b>FAIRFAX</b>	<b>VIRGINIA CONCRETE EDSALL ROAD PLANT</b>						<b>5412 INDUSTRIAL DR</b>				<b>NAICS Code</b>	<b>32732</b>	
NITRATE COMPOUNDS	N	0	0	0	0	243	243	0	0	0	0	0	0
Total for VIRGINIA CONCRETE EDSALL ROAD PL		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>243</b>	<b>243</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (6 reports)</b>		<b>207</b>	<b>0</b>	<b>207</b>	<b>0</b>	<b>243</b>	<b>450</b>	<b>0</b>	<b>0</b>	<b>15,900</b>	<b>15,900</b>	<b>0</b>	<b>1,750</b>
<b>FAIRFAX (CITY)</b>	<b>MOTIVA FAIRFAX TERMINAL</b>						<b>3800 PICKETT RD</b>				<b>NAICS Code</b>	<b>42471</b>	
1,2,4-TRIMETHYLBENZENE	N	54	10	64	0	0	64	0	0	0	0	0	0
BENZENE	N	76	141	217	0	0	217	0	0	0	0	0	0
ETHYLBENZENE	N	39	34	73	0	0	73	0	0	0	0	0	0
NAPHTHALENE	N	4	4	8	0	0	8	0	0	0	0	0	0
N-HEXANE	N	131	245	376	0	0	376	0	0	0	0	0	0
STYRENE	N	2	3	5	0	0	5	0	0	0	0	0	0
TOLUENE	N	186	286	472	0	0	472	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	230	173	403	0	0	403	0	0	0	0	0	0

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
Total for MOTIVA FAIRFAX TERMINAL		722	896	1,618	0	0	1,618	0	0	0	0	0	0
<b>Total for Above County : (8 reports)</b>		<b>722</b>	<b>896</b>	<b>1,618</b>	<b>0</b>	<b>0</b>	<b>1,618</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FALLS CHURCH (CITY)</b>	<b>VIRGINIA CONCRETE FALLS CHURCH PLANT</b>							<b>7103 GORDON RD</b>				<b>NAICS Code</b>	<b>32732</b>
NITRATE COMPOUNDS	N	0	0	0	0	242	242	0	0	0	0	0	0
Total for VIRGINIA CONCRETE FALLS CHURCH PL		0	0	0	0	242	242	0	0	0	0	0	0
<b>Total for Above County : (1 record)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>242</b>	<b>242</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FAUQUIER</b>	<b>DOMINION REMINGTON POWER STATION</b>							<b>12025 LUCKY HILL ROAD</b>				<b>NAICS Code</b>	<b>22111</b>
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
Total for Dominion Remington Power Station		0	0	0	0	0	0	0	0	0	0	0	0
<b>FAUQUIER</b>	<b>FIBERGLASS ENGINEERING CO</b>							<b>5019 AIRPORT RD</b>				<b>NAICS Code</b>	<b>32619</b>
STYRENE	N	6,200	0	6,200	0	0	6,200	0	0	0	0	0	0
Total for FIBERGLASS ENGINEERING CO		6,200	0	6,200	0	0	6,200	0	0	0	0	0	0
<b>Total for Above County : (3 reports)</b>		<b>6,200</b>	<b>0</b>	<b>6,200</b>	<b>0</b>	<b>0</b>	<b>6,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FLUVANNA</b>	<b>DOMINION RESOURCES INC BREMO POWER STATION</b>							<b>1038 BREMO RD</b>				<b>NAICS Code</b>	<b>22111</b>
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM COMPOUNDS	N	0	0	0	31,900	1,310	33,210	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	255,000	255,000	0	0	255,000	0	0	0	0	0	0
HYDROGEN FLUORIDE	N	0	31,800	31,800	0	0	31,800	0	0	0	0	0	0

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name	form A*	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(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	23,200	23,200	0	0	23,200	0	0	24,200	24,200	0	0
Total for DOMINION RESOURCES INC BREMO PO		<b>0</b>	<b>310,000</b>	<b>310,000</b>	<b>31,900</b>	<b>1,310</b>	<b>343,210</b>	<b>0</b>	<b>0</b>	<b>24,200</b>	<b>24,200</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (7 reports)</b>		<b>0</b>	<b>310,000</b>	<b>310,000</b>	<b>31,900</b>	<b>1,310</b>	<b>343,210</b>	<b>0</b>	<b>0</b>	<b>24,200</b>	<b>24,200</b>	<b>0</b>	<b>0</b>
<b>FRANKLIN</b>	<b>GREAT SOUTHERN WOOD - VA, INC.</b>						<b>1050 N MAIN ST</b>				<b>NAICS Code</b>	<b>32111</b>	
COPPER	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GREAT SOUTHERN WOOD - VA, INC.		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (1 record)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FREDERICK</b>	<b>FISHER SCIENTIFIC INTERNATIONAL MTN DIAGNOSTICS PLANT</b>						<b>8365 VALLEY PIKE</b>				<b>NAICS Code</b>	<b>32541</b>	
CERTAIN GLYCOL ETHERS	N	0	0	0	0	0	0	0	0	0	0	0	1,896
Total for FISHER SCIENTIFIC INTERNATIONAL MT		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,896</b>
<b>FREDERICK</b>	<b>HP HOOD LLC</b>						<b>160 HOOD WAY</b>				<b>NAICS Code</b>	<b>31151</b>	
AMMONIA	N	2,689	0	2,689	0	0	2,689	0	0	0	0	0	0
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	73,830	73,830
NITRIC ACID	N	0	0	0	0	0	0	0	0	54,689	54,689	0	0
Total for HP HOOD LLC		<b>2,689</b>	<b>0</b>	<b>2,689</b>	<b>0</b>	<b>0</b>	<b>2,689</b>	<b>0</b>	<b>0</b>	<b>54,689</b>	<b>54,689</b>	<b>73,830</b>	<b>73,830</b>
<b>FREDERICK</b>	<b>NEW BEDFORD TECHNOLOGY LLC</b>						<b>148-1 LENOIR DR</b>				<b>NAICS Code</b>	<b>32619</b>	
STYRENE	N	0	0	0	0	0	0	0	0	0	0	0	0

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
Total for New Bedford Technology LLC		0	0	0	0	0	0	0	0	0	0	0	0
<b>FREDERICK</b>	<b>PACTIV LLC</b>							<b>172 PACTIV WAY</b>				<b>NAICS Code</b>	<b>32614</b>
METHANOL	N	30,254	0	30,254	0	0	30,254	0	0	0	0	0	0
Total for PACTIV LLC		<b>30,254</b>	<b>0</b>	<b>30,254</b>	<b>0</b>	<b>0</b>	<b>30,254</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FREDERICK</b>	<b>QG, LLC WINCHESTER VIRGINIA</b>							<b>160 CENTURY LN STONEWALL INDUSTRIAL PARK</b>				<b>NAICS Code</b>	<b>32311</b>
CERTAIN GLYCOL ETHERS	N	6,251	292	6,542	0	0	6,542	0	0	0	0	0	0
NITRATE COMPOUNDS	N	1,835	86	1,921	0	0	1,921	0	0	0	0	0	0
Total for QG, LLC WINCHESTER VIRGINIA		<b>8,086</b>	<b>377</b>	<b>8,463</b>	<b>0</b>	<b>0</b>	<b>8,463</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FREDERICK</b>	<b>QUARLES PETROLEUM INC. WINCHESTER BULK PLANT</b>							<b>779 SMITHFIELD AVE</b>				<b>NAICS Code</b>	<b>42471</b>
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		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FREDERICK</b>	<b>TRELLEBORG MARINE SYSTEMS USA, INC.</b>							<b>3470 MARTINSBURG PIKE</b>				<b>NAICS Code</b>	<b>32619</b>
DIISOCYANATES	N	0	6	6	0	0	6	0	0	0	0	0	5,666
TOLUENE	N	5	8	13	0	0	13	0	0	0	0	0	2,774
TOLUENE DIISOCYANATE (MIXED	N	5	12	17	0	0	17	0	0	0	0	0	1,392
Total for Trelleborg Marine Systems USA, Inc.		<b>10</b>	<b>26</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,832</b>
<b>FREDERICK</b>	<b>TREX - WINCHESTER MANUFACTURING</b>							<b>3229 SHAWNEE DRIVE</b>				<b>NAICS Code</b>	<b>32619</b>

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Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Treatment	Total	POTW	Total Other	
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	On-Site	(pounds)	Off-Site	
		(pounds)	(pounds)	(pounds)			Releases	(pounds)	(pounds)	Management		Transfers **	
							(pounds)			(pounds)		(pounds)	
CHROMIUM COMPOUNDS (EXCEPT	Y	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	
NICKEL COMPOUNDS	Y	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	
Total for Trex - Winchester Manufacturing		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>FREDERICK</b>		<b>VALLEY PROTEINS INC. - WINCHESTER FACILITY</b>						<b>1635 INDIAN HOLLOW RD</b>				<b>NAICS Code 31161</b>	
CHLORINE	N	0	0	0	0	0	0	0	0	0	0	0	
CHLORINE DIOXIDE	N	0	0	0	0	0	0	0	0	0	0	0	
Total for VALLEY PROTEINS INC. - WINCHESTER		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total for Above County : (21 reports)</b>		<b>41,039</b>	<b>403</b>	<b>41,442</b>	<b>0</b>	<b>0</b>	<b>41,442</b>	<b>0</b>	<b>0</b>	<b>54,689</b>	<b>54,689</b>	<b>73,830</b>	
<b>FREDERICKSBURG (CITY)</b>		<b>OFIC NORTH AMERICA</b>						<b>4900 ONDURA DR</b>				<b>NAICS Code 32212</b>	
CHROMIUM COMPOUNDS (EXCEPT	N	0	0	0	0	0	0	0	0	0	0	1,040	
Total for Ofic North America		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,040</b>	
<b>FREDERICKSBURG (CITY)</b>		<b>QUARLES PETROLEUM INC FREDERICKSBURG TERMINAL/BULK P</b>						<b>3300 BEULAH SALISBURY RD</b>				<b>NAICS Code 42471</b>	
1,2,4-TRIMETHYLBENZENE	N	0	2	2	0	0	2	0	0	0	0	0	
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	
TOLUENE	Y	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	
Total for QUARLES PETROLEUM INC FREDERICK		<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
<b>Total for Above County : (5 reports)</b>		<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,040</b>
<b>GALAX (CITY)</b>	<b>CONSOLIDATED GLASS &amp; MIRROR</b>											<b>NAICS Code</b>	<b>32721</b>
N-BUTYL ALCOHOL	N	0	12,223	12,223	0	0	12,223	0	0	0	0	0	100
XYLENE (MIXED ISOMERS)	N	0	46	46	0	0	46	0	0	11,261	11,261	0	1,751
<b>Total for CONSOLIDATED GLASS &amp; MIRROR</b>		<b>0</b>	<b>12,269</b>	<b>12,269</b>	<b>0</b>	<b>0</b>	<b>12,269</b>	<b>0</b>	<b>0</b>	<b>11,261</b>	<b>11,261</b>	<b>0</b>	<b>1,851</b>
<b>GALAX (CITY)</b>	<b>VAUGHAN BASSETT FURNITURE GALAX PLANT #2</b>											<b>NAICS Code</b>	<b>33712</b>
VINYL ACETATE	N	11,901	0	11,901	0	0	11,901	0	0	0	0	0	0
<b>Total for Vaughan Bassett Furniture Galax Plant #2</b>		<b>11,901</b>	<b>0</b>	<b>11,901</b>	<b>0</b>	<b>0</b>	<b>11,901</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (3 reports)</b>		<b>11,901</b>	<b>12,269</b>	<b>24,170</b>	<b>0</b>	<b>0</b>	<b>24,170</b>	<b>0</b>	<b>0</b>	<b>11,261</b>	<b>11,261</b>	<b>0</b>	<b>1,851</b>
<b>GILES</b>	<b>AMERICAN ELECTRIC POWER GLEN LYN PLANT</b>											<b>NAICS Code</b>	<b>22111</b>
HYDROCHLORIC ACID (1995 AND	N	0	134,000	134,000	0	0	134,000	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	7,730	7,730	0	0	7,730	0	0	26,000	26,000	0	0
<b>Total for AMERICAN ELECTRIC POWER GLEN LY</b>		<b>0</b>	<b>141,730</b>	<b>141,730</b>	<b>0</b>	<b>0</b>	<b>141,730</b>	<b>0</b>	<b>0</b>	<b>26,000</b>	<b>26,000</b>	<b>0</b>	<b>0</b>
<b>GILES</b>	<b>CELANESE ACETATE LLC - CELCO P LANT</b>											<b>NAICS Code</b>	<b>32522</b>
1,3-BUTADIENE	N	250	250	500	0	0	500	29,421	0	0	29,421	0	0
ACETAMIDE	N	0	0	0	0	250	250	0	0	161,258	161,258	0	0
ACETONITRILE	N	1,643	61	1,704	0	20	1,724	25,998	0	19,089	45,087	0	0
BARIUM COMPOUNDS	N	0	242	242	29,611	298	30,151	0	0	0	0	0	0
CHLORINE	Y	0	0	0	0	0	0	0	0	0	0	0	0

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air (pounds)	Air (pounds)	Air (pounds)	(pounds)	(pounds)	On-Site Releases (pounds)	Recovery (pounds)	(pounds)	(pounds)	On-Site Management (pounds)	(pounds)	Off-Site Transfers ** (pounds)
CYCLOHEXANE	N	136,440	2,221	138,661	0	0	138,661	9,065	0	0	9,065	0	0
DICHLOROMETHANE	N	36,047	0	36,047	0	0	36,047	0	0	0	0	0	0
ETHYLENE	N	2,263	698	2,961	0	0	2,961	696,951	0	0	696,951	0	0
HYDROCHLORIC ACID (1995 AND	N	0	162,393	162,393	0	0	162,393	0	0	0	0	0	0
NITRATE COMPOUNDS	N	0	0	0	0	71,365	71,365	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	5	151,243	151,248	0	0	151,248	0	0	0	0	0	0
VANADIUM COMPOUNDS	N	0	112	112	23,031	50	23,193	0	0	0	0	0	0
<b>Total for CELANESE ACETATE LLC - CELCO P LA</b>		<b>176,648</b>	<b>317,220</b>	<b>493,868</b>	<b>52,642</b>	<b>71,983</b>	<b>618,493</b>	<b>761,435</b>	<b>0</b>	<b>180,347</b>	<b>941,782</b>	<b>0</b>	<b>0</b>
<b>GILES</b>												<b>NAICS Code</b>	<b>32741</b>
<b>LHOIST NORTH AMERICA OF VIRGINIA INC KIMBALLTON AREA 1</b>													
2093 BIG STONY CREEK RD													
HYDROCHLORIC ACID (1995 AND	N	0	62,628	62,628	0	0	62,628	0	0	0	0	0	0
VANADIUM COMPOUNDS	N	2	1	3	1,334	0	1,337	0	0	0	0	0	0
<b>Total for LHOIST NORTH AMERICA OF VIRGINIA I</b>		<b>2</b>	<b>62,629</b>	<b>62,631</b>	<b>1,334</b>	<b>0</b>	<b>63,965</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (16 reports)</b>		<b>176,650</b>	<b>521,579</b>	<b>698,229</b>	<b>53,976</b>	<b>71,983</b>	<b>824,188</b>	<b>761,435</b>	<b>0</b>	<b>206,347</b>	<b>967,782</b>	<b>0</b>	<b>0</b>
<b>GREENSVILLE</b>												<b>NAICS Code</b>	<b>32199</b>
<b>CREATIVE PLAYTHINGS LTD.</b>													
859 INDUSTRIAL DR													
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	943
<b>Total for CREATIVE PLAYTHINGS LTD.</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>943</b>
<b>GREENSVILLE</b>												<b>NAICS Code</b>	<b>32121</b>
<b>GEORGIA PACIFIC WOOD PRODUCTS LLC EMPORIA PLYWOOD</b>													
634 DAVIS ST													
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	0
METHANOL	N	2,800	22,000	24,800	0	0	24,800	0	0	11,000	11,000	0	0
<b>Total for GEORGIA PACIFIC WOOD PRODUCTS</b>		<b>2,800</b>	<b>22,000</b>	<b>24,800</b>	<b>0</b>	<b>0</b>	<b>24,800</b>	<b>0</b>	<b>0</b>	<b>11,000</b>	<b>11,000</b>	<b>0</b>	<b>0</b>

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
<b>Total for Above County : (3 reports)</b>		<b>2,800</b>	<b>22,000</b>	<b>24,800</b>	<b>0</b>	<b>0</b>	<b>24,800</b>	<b>0</b>	<b>0</b>	<b>11,000</b>	<b>11,000</b>	<b>0</b>	<b>943</b>
<b>HALIFAX</b>	<b>ABB INC</b>							<b>2135 PHILPOTT RD</b>				<b>NAICS Code 33531</b>	
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	116,941
COPPER	N	0	0	0	0	0	0	0	0	0	0	1	729,864
MANGANESE	N	4	0	4	0	0	4	0	0	0	0	0	92,982
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	80,555
<b>Total for ABB INC</b>		<b>4</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1,020,341</b>
<b>HALIFAX</b>	<b>AQUATIC CO</b>							<b>1100 INDUSTRIAL PARK RD HALIFAX INDUSTRIAL</b>				<b>NAICS Code 32619</b>	
STYRENE	N	5,004	92,416	97,420	0	0	97,420	0	0	647	647	0	4,114
<b>Total for Aquatic Co</b>		<b>5,004</b>	<b>92,416</b>	<b>97,420</b>	<b>0</b>	<b>0</b>	<b>97,420</b>	<b>0</b>	<b>0</b>	<b>647</b>	<b>647</b>	<b>0</b>	<b>4,114</b>
<b>HALIFAX</b>	<b>BOHLER UDDEHOLM CORPORATION</b>							<b>2306 EASTOVER DR</b>				<b>NAICS Code 33122</b>	
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	11,396
COBALT	N	0	0	0	0	0	0	0	0	0	0	0	1,270
<b>Total for BOHLER UDDEHOLM CORPORATION</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,666</b>
<b>HALIFAX</b>	<b>DOMINION CLOVER POWER STATION</b>							<b>RTE 92</b>				<b>NAICS Code 22111</b>	
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC COMPOUNDS	N	0	20	20	40,000	124	40,144	0	0	0	0	0	0
BARIUM COMPOUNDS	N	0	0	0	378,000	1,000	379,000	0	0	0	0	0	0
CHROMIUM COMPOUNDS (EXCEPT	N	0	397	397	68,400	111	68,908	0	0	0	0	0	0
COBALT COMPOUNDS	N	0	10	10	24,100	34	24,144	0	0	0	0	0	0

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
COPPER COMPOUNDS	N	0	124	124	77,200	70	77,394	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	21,100	21,100	0	0	21,100	0	0	2,920,000	2,920,000	0	0
HYDROGEN CYANIDE	N	0	48,300	48,300	0	0	48,300	0	0	0	0	0	0
HYDROGEN FLUORIDE	N	0	10,600	10,600	0	0	10,600	0	0	357,000	357,000	0	0
MANGANESE COMPOUNDS	N	0	787	787	105,000	2,704	108,491	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	407	407	68,100	81	68,588	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	371,000	371,000	0	0	371,000	0	0	789,000	789,000	0	0
VANADIUM COMPOUNDS	N	0	254	254	146,000	0	146,254	0	0	0	0	0	0
ZINC COMPOUNDS	N	0	0	0	88,500	508	89,008	0	0	0	0	0	0
<b>Total for DOMINION CLOVER POWER STATION</b>		<b>0</b>	<b>452,999</b>	<b>452,999</b>	<b>995,300</b>	<b>4,632</b>	<b>1,452,931</b>	<b>0</b>	<b>0</b>	<b>4,066,000</b>	<b>4,066,000</b>	<b>0</b>	<b>0</b>
<b>HALIFAX</b>												<b>NAICS Code</b>	<b>32121</b>
<b>Total for HUBER ENGINEERED WOODS LLC</b>		<b>1,589</b>	<b>64,225</b>	<b>65,814</b>	<b>0</b>	<b>0</b>	<b>65,814</b>	<b>20</b>	<b>0</b>	<b>398,741</b>	<b>398,761</b>	<b>0</b>	<b>0</b>
<b>HALIFAX</b>												<b>NAICS Code</b>	<b>32599</b>

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name	form A*	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
ANILINE	N	0	5	5	0	0	5	0	0	0	0	0	40
<b>Total for RTP CO</b>		<b>0</b>	<b>5</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>40</b>
<b>Total for Above County : (30 reports)</b>		<b>6,597</b>	<b>609,645</b>	<b>616,242</b>	<b>2995,300</b>	<b>4,632</b>	<b>1,616,174</b>	<b>20</b>	<b>0</b>	<b>4,465,388</b>	<b>4,465,408</b>	<b>1</b>	<b>1,037,161</b>
<b>HAMPTON (CITY)</b>		<b>CATALINA CYLINDERS CLIFF IMPACT DIVISION, A DIVISION OF AP</b>						<b>2400 ALUMINUM AVE</b>				<b>NAICS Code 33131</b>	
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	4,367
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	43	43
NITRIC ACID	N	5	5	10	0	0	10	0	0	49,044	49,044	0	0
<b>Total for CATALINA CYLINDERS CLIFF IMPACT DI</b>		<b>5</b>	<b>5</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>49,044</b>	<b>49,044</b>	<b>43</b>	<b>4,410</b>
<b>HAMPTON (CITY)</b>		<b>HOWMET CASTINGS &amp; SERVICES INC</b>						<b>ONE HOWMET DR</b>				<b>NAICS Code 33152</b>	
4,4'-ISOPROPYLDENEDIPHENOL	N	18	18	36	0	0	36	0	0	896	896	46	90,454
ALUMINUM (FUME OR DUST)	N	0	148	148	0	0	148	0	0	0	0	0	0
CHROMIUM	N	0	19	19	0	0	19	0	0	0	0	4	13,881
COBALT	N	0	19	19	0	0	19	0	0	0	0	2	12,781
HYDROGEN FLUORIDE	N	0	3,405	3,405	0	0	3,405	0	0	36,028	36,028	22	149,462
MANGANESE	N	0	1	1	0	0	1	0	0	0	0	0	1,054
NICKEL	N	0	63	63	0	0	63	0	0	0	0	9	64,121
NITRIC ACID	N	0	760	760	0	0	760	0	0	1,338	1,338	0	45,880
<b>Total for HOWMET CASTINGS &amp; SERVICES INC</b>		<b>18</b>	<b>4,433</b>	<b>4,451</b>	<b>0</b>	<b>0</b>	<b>4,451</b>	<b>0</b>	<b>0</b>	<b>38,262</b>	<b>38,262</b>	<b>84</b>	<b>377,633</b>
<b>HAMPTON (CITY)</b>		<b>TIDEWATER WOOD PRODUCTS, LLC</b>						<b>5604 CITY LINE RD</b>				<b>NAICS Code 32111</b>	
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0

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# 2013 Toxics Release Inventory

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Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
Total for TIDEWATER WOOD PRODUCTS, LLC		0	0	0	0	0	0	0	0	0	0	0	0
<b>HAMPTON (CITY)</b>	<b>U.S. DOD, USAF, JOINT BASE LANGLEY EUSTIS - LANGLEY AFB</b>							<b>633 CES/CEIE 37 SWEENEY BLVD</b>				<b>NAICS Code</b>	<b>92811</b>
NAPHTHALENE	N	0	4	4	0	0	4	0	0	0	0	0	9
Total for U.S. DoD, USAF, JOINT BASE LANGLEY		0	4	4	0	0	4	0	0	0	0	0	9
<b>Total for Above County : (13 reports)</b>		<b>23</b>	<b>4,442</b>	<b>4,465</b>	<b>0</b>	<b>0</b>	<b>4,465</b>	<b>0</b>	<b>0</b>	<b>87,306</b>	<b>87,306</b>	<b>127</b>	<b>382,053</b>
<b>HANOVER</b>	<b>BEAR ISLAND PAPER WB LLC</b>							<b>10026 OLD RIDGE RD</b>				<b>NAICS Code</b>	<b>32212</b>
HYDROCHLORIC ACID (1995 AND	N	0	45,200	45,200	0	0	45,200	0	0	0	0	0	0
METHANOL	N	2,000	25,480	27,480	0	0	27,480	0	0	0	0	0	0
Total for BEAR ISLAND PAPER WB LLC		<b>2,000</b>	<b>70,680</b>	<b>72,680</b>	<b>0</b>	<b>0</b>	<b>72,680</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>HANOVER</b>	<b>CHEMTREAT, INC</b>							<b>10040 LICKINGHOLE RD</b>				<b>NAICS Code</b>	<b>32599</b>
SODIUM NITRITE	N	0	0	0	0	0	0	0	0	0	0	0	3,144
ZINC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CHEMTREAT, INC		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,144</b>
<b>HANOVER</b>	<b>COMMONWEALTH GALVANIZING</b>							<b>10988 LEADBETTER ROAD</b>				<b>NAICS Code</b>	<b>33281</b>
HYDROCHLORIC ACID (1995 AND	N	345	0	345	0	0	345	0	0	0	0	0	0
ZINC COMPOUNDS	N	235	0	235	0	0	235	0	0	0	0	0	0
Total for Commonwealth Galvanizing		<b>580</b>	<b>0</b>	<b>580</b>	<b>0</b>	<b>0</b>	<b>580</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>HANOVER</b>	<b>DOSWELL LIMITED PARTNERSHIP</b>							<b>10098 OLD RIDGE RD</b>				<b>NAICS Code</b>	<b>22111</b>
AMMONIA	N	5	242,641	242,646	0	0	242,646	0	0	0	0	0	0

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Appendix F

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Facility Name/Address		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)
Chemical Name	form A*												
Total for DOSWELL LIMITED PARTNERSHIP		5	242,641	242,646	0	0	242,646	0	0	0	0	0	0
<b>HANOVER</b>	<b>PUGH LUBRICANTS ASHLAND</b>							<b>10992 LEADBETTER RD</b>				<b>NAICS Code</b>	<b>42471</b>
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
<b>HANOVER</b>	<b>SOUTH ATLANTIC GALVANIZING LLC</b>							<b>11022 LEWISTOWN RD</b>				<b>NAICS Code</b>	<b>33281</b>
ZINC COMPOUNDS	N	4,436	0	4,436	0	76	4,512	0	0	0	0	0	222,271
Total for SOUTH ATLANTIC GALVANIZING LLC		4,436	0	4,436	0	76	4,512	0	0	0	0	0	222,271
<b>HANOVER</b>	<b>TYSON FARMS INC. - PROCESSING FACILITY</b>							<b>13264 MOUNTAIN RD</b>				<b>NAICS Code</b>	<b>31161</b>
AMMONIA	N	6,720	0	6,720	0	7	6,727	0	0	18,366	18,366	0	0
Total for TYSON FARMS INC. - PROCESSING FACI		6,720	0	6,720	0	7	6,727	0	0	18,366	18,366	0	0
<b>Total for Above County : (12 reports)</b>		<b>13,741</b>	<b>313,321</b>	<b>327,062</b>	<b>0</b>	<b>83</b>	<b>327,145</b>	<b>0</b>	<b>0</b>	<b>18,366</b>	<b>18,366</b>	<b>0</b>	<b>225,415</b>
<b>HARRISONBURG (CITY)</b>	<b>GILMER INDUSTRIES INC</b>							<b>560 STONE SPRING RD</b>				<b>NAICS Code</b>	<b>32561</b>
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
<b>HARRISONBURG (CITY)</b>	<b>PILGRIM'S PRIDE CORP HARRISONBURG FEEDMILL</b>							<b>590 MT. CLINTON PIKE</b>				<b>NAICS Code</b>	<b>31111</b>

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Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
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		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>HARRISONBURG (CITY)</b>	<b>QUARLES PETROLEUM INC HARRISONBURG BULK PLANT</b>							<b>1006 W MARKET ST</b>				<b>NAICS Code</b>	<b>42471</b>
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUARLES PETROLEUM INC HARRISONB		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>HARRISONBURG (CITY)</b>	<b>TENNECO WALKER MANUFACTURING CO</b>							<b>3160 ABBOTT LN</b>				<b>NAICS Code</b>	<b>33639</b>
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	81,448
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	9,677
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	65,505
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	60,720
Total for TENNECO WALKER MANUFACTURING C		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>217,350</b>
<b>Total for Above County : (14 reports)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>217,350</b>
<b>HENRICO</b>	<b>CADMUS SPECIALTY PUBLICATIONS</b>							<b>2901 BYRDHILL RD</b>				<b>NAICS Code</b>	<b>32311</b>
ETHYLENE GLYCOL	N	2,305	102	2,406	0	0	2,406	0	0	5,094	5,094	9,551	9,551
Total for CADMUS SPECIALTY PUBLICATIONS		<b>2,305</b>	<b>102</b>	<b>2,406</b>	<b>0</b>	<b>0</b>	<b>2,406</b>	<b>0</b>	<b>0</b>	<b>5,094</b>	<b>5,094</b>	<b>9,551</b>	<b>9,551</b>

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Chemical Name	form A*												
<b>HENRICO</b>	<b>ENNIS-FLINT</b>							<b>4400 VAWTER AVE</b>				<b>NAICS Code</b>	<b>32551</b>
METHANOL	N	0	16,188	16,188	0	0	16,188	0	0	0	0	0	0
Total for ENNIS-Flint		<b>0</b>	<b>16,188</b>	<b>16,188</b>	<b>0</b>	<b>0</b>	<b>16,188</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>HENRICO</b>	<b>HENKEL CORPORATION</b>							<b>4414 SARELLEN RD</b>				<b>NAICS Code</b>	<b>32552</b>
NITRATE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for Henkel Corporation		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>HENRICO</b>	<b>JOHNS MANVILLE CORP HAMILTON PLANT</b>							<b>7400 RANCO RD</b>				<b>NAICS Code</b>	<b>32222</b>
ANTIMONY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	7,096
DECABROMODIPHENYL OXIDE	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for JOHNS MANVILLE CORP HAMILTON PLA		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,096</b>
<b>HENRICO</b>	<b>SOUTHERN GRAPHIC SYSTEMS RICHMOND</b>							<b>5301 LEWIS RD</b>				<b>NAICS Code</b>	<b>32312</b>
COPPER COMPOUNDS	N	0	181	181	0	0	181	0	0	0	0	1	38,523
Total for SOUTHERN GRAPHIC SYSTEMS RICHM		<b>0</b>	<b>181</b>	<b>181</b>	<b>0</b>	<b>0</b>	<b>181</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>38,523</b>
<b>HENRICO</b>	<b>STANDEX ENGRAVING LLC</b>							<b>5901 LEWIS RD</b>				<b>NAICS Code</b>	<b>32311</b>
COPPER	N	1	1	2	0	0	2	0	0	0	0	3	557
NITRIC ACID	N	0	899	899	0	0	899	0	0	17,085	17,085	0	9,767
Total for STANDEX ENGRAVING LLC		<b>1</b>	<b>900</b>	<b>901</b>	<b>0</b>	<b>0</b>	<b>901</b>	<b>0</b>	<b>0</b>	<b>17,085</b>	<b>17,085</b>	<b>3</b>	<b>10,324</b>
<b>Total for Above County : (8 reports)</b>		<b>2,306</b>	<b>17,371</b>	<b>19,676</b>	<b>0</b>	<b>0</b>	<b>19,676</b>	<b>0</b>	<b>0</b>	<b>22,179</b>	<b>22,179</b>	<b>9,556</b>	<b>65,494</b>
<b>HENRY</b>	<b>BASSETT PLANT 11</b>							<b>PATRIOT CENTRE AT BEAVER CREEK</b>				<b>NAICS Code</b>	<b>33712</b>

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
XYLENE (MIXED ISOMERS)	N	250	10,065	10,315	0	0	10,315	0	0	0	0	0	250
Total for BASSETT PLANT 11		<b>250</b>	<b>10,065</b>	<b>10,315</b>	<b>0</b>	<b>0</b>	<b>10,315</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250</b>
<b>HENRY</b>	<b>COMMONWEALTH LAMINATING &amp; COATING INC</b>						<b>345 BEAVER CREEK DR</b>				<b>NAICS Code</b>	<b>32611</b>	
ETHYLENE GLYCOL	N	5	5,881	5,886	0	0	5,886	0	227,062	113,553	340,615	46,035	42,352
N-HEXANE	N	5	566	571	0	0	571	0	0	52,271	52,271	0	9,361
N-METHYL-2-PYRROLIDONE	N	5	24	29	0	0	29	0	0	252,582	252,582	33,110	498,621
TOLUENE	N	5	8,028	8,033	0	0	8,033	0	0	427,618	427,618	0	118,929
Total for COMMONWEALTH LAMINATING & COATI		<b>20</b>	<b>14,499</b>	<b>14,519</b>	<b>0</b>	<b>0</b>	<b>14,519</b>	<b>0</b>	<b>227,062</b>	<b>846,024</b>	<b>1,073,086</b>	<b>79,145</b>	<b>669,263</b>
<b>HENRY</b>	<b>CPFILMS - PLANT II</b>						<b>4129 THE GREAT RD</b>				<b>NAICS Code</b>	<b>32613</b>	
ACRYLIC ACID	N	120	2,340	2,460	0	0	2,460	0	0	36,300	36,300	0	2,970
ETHYLENE GLYCOL	N	199,000	2,970	201,970	0	0	201,970	0	0	556,000	556,000	52,700	122,300
N-HEXANE	N	65	1,310	1,375	0	0	1,375	0	0	101,000	101,000	0	268
N-METHYL-2-PYRROLIDONE	N	43,100	350	43,450	0	0	43,450	0	0	508,000	508,000	30,700	596,870
TOLUENE	N	730	14,600	15,330	0	0	15,330	0	0	468,000	468,000	0	51,240
Total for CPFILMS - PLANT II		<b>243,015</b>	<b>21,570</b>	<b>264,585</b>	<b>0</b>	<b>0</b>	<b>264,585</b>	<b>0</b>	<b>0</b>	<b>1,669,300</b>	<b>1,669,300</b>	<b>83,400</b>	<b>773,648</b>
<b>HENRY</b>	<b>CPFILMS INC. - PLANT 1</b>						<b>4210 THE GREAT RD</b>				<b>NAICS Code</b>	<b>32613</b>	
TOLUENE	N	40	800	840	0	0	840	0	0	70,400	70,400	0	28,450
Total for CPFILMS INC. - PLANT 1		<b>40</b>	<b>800</b>	<b>840</b>	<b>0</b>	<b>0</b>	<b>840</b>	<b>0</b>	<b>0</b>	<b>70,400</b>	<b>70,400</b>	<b>0</b>	<b>28,450</b>
<b>HENRY</b>	<b>CPFILMS INC.-AXTON FACILITY</b>						<b>47 BRENDA DR</b>				<b>NAICS Code</b>	<b>32613</b>	
ETHYLENE GLYCOL	N	76,700	34,800	111,500	0	0	111,500	0	0	0	0	0	203,900

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
N-METHYL-2-PYRROLIDONE N		46,000	2,700	48,700	0	0	48,700	0	0	0	0	0	425,000
Total for CPFILMS INC.-AXTON FACILITY		<b>122,700</b>	<b>37,500</b>	<b>160,200</b>	<b>0</b>	<b>0</b>	<b>160,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>628,900</b>
<b>HENRY MEHLER ENGINEERED PRODUCTS</b>								<b>175 MEHLER LN</b>				<b>NAICS Code 31499</b>	
DIISOCYANATES N		0	0	0	0	0	0	0	0	0	0	0	180
TOLUENE N		378	10	388	0	0	388	1,006,796	0	0	1,006,796	0	3,312
XYLENE (MIXED ISOMERS) N		5	1	6	0	0	6	16,792	0	0	16,792	0	29
Total for MEHLER ENGINEERED PRODUCTS		<b>383</b>	<b>11</b>	<b>394</b>	<b>0</b>	<b>0</b>	<b>394</b>	<b>1,023,588</b>	<b>0</b>	<b>0</b>	<b>1,023,588</b>	<b>0</b>	<b>3,521</b>
Total for Above County : (16 reports)		<b>366,408</b>	<b>84,445</b>	<b>450,853</b>	<b>0</b>	<b>0</b>	<b>450,853</b>	<b>1,023,588</b>	<b>227,062</b>	<b>2,585,724</b>	<b>3,836,374</b>	<b>162,545</b>	<b>2,104,032</b>
<b>HOPEWELL (CITY) EVONIK CORPORATION</b>								<b>914 E RANDOLPH RD</b>				<b>NAICS Code 32561</b>	
ACRYLIC ACID N		0	646	646	0	0	646	0	0	0	0	175	12,030
ALLYL ALCOHOL N		0	116	116	0	0	116	0	0	2,311	2,311	0	0
CHLOROACETIC ACID N		0	240	240	0	0	240	0	0	0	0	0	0
ETHYLENE GLYCOL N		0	1,056	1,056	0	0	1,056	0	0	0	0	145,481	145,481
ETHYLENE OXIDE N		0	17	17	0	0	17	0	0	16,504	16,504	0	0
PROPYLENE OXIDE N		0	8	8	0	0	8	0	0	8,252	8,252	0	0
XYLENE (MIXED ISOMERS) N		0	0	0	0	0	0	0	0	0	0	0	696
Total for EVONIK CORPORATION		<b>0</b>	<b>2,082</b>	<b>2,082</b>	<b>0</b>	<b>0</b>	<b>2,082</b>	<b>0</b>	<b>0</b>	<b>27,067</b>	<b>27,067</b>	<b>145,656</b>	<b>158,207</b>
<b>HOPEWELL (CITY) HERCULES INCORPORATED</b>								<b>1111 HERCULES RD</b>				<b>NAICS Code 32519</b>	
CERTAIN GLYCOL ETHERS N		5	0	5	0	0	5	0	0	0	0	242,319	242,319
CHLOROACETIC ACID N		370	2	372	0	0	372	0	0	0	0	0	0

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# 2013 Toxics Release Inventory

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
CHLOROETHANE	N	76,030	1,581	77,611	0	0	77,611	0	63,316	0	63,316	48	48
ETHYLENE	N	4,875	51,704	56,579	0	0	56,579	0	0	0	0	0	0
ETHYLENE GLYCOL	N	34	0	34	0	0	34	0	0	0	0	1,959,232	1,959,232
ETHYLENE OXIDE	N	994	76	1,070	0	0	1,070	0	0	72	72	952	952
METHANOL	N	239,255	2,616	241,871	0	0	241,871	0	141,142,269	0	141,142,269	397,712	398,732
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	5,108,469	5,108,469
NITRIC ACID	N	2,292	250	2,542	0	0	2,542	0	0	0	0	0	0
PROPYLENE OXIDE	N	2,299	131	2,430	0	0	2,430	0	0	72	72	13	13
TERT-BUTYL ALCOHOL	N	169,345	4,882	174,227	0	0	174,227	0	158,216,430	0	158,216,430	219,832	219,968
<b>Total for HERCULES INCORPORATED</b>		<b>495,499</b>	<b>61,242</b>	<b>556,741</b>	<b>0</b>	<b>0</b>	<b>556,741</b>	<b>0</b>	<b>299,422,015</b>	<b>144</b>	<b>299,422,159</b>	<b>7,928,577</b>	<b>7,929,733</b>
<b>HOPEWELL (CITY)</b>		<b>HONEYWELL INTERNATIONAL INC HOPEWELL PLANT</b>						<b>905 E RANDOLPH RD</b>				<b>NAICS Code</b>	<b>32519</b>
ACETALDEHYDE	N	3,800	700	4,500	0	0	4,500	0	0	750,000	750,000	1,900	1,653
AMMONIA ****	N	22,000	2,100,000	2,122,000	0	37,000	2,159,000	0	0	0	0	110,000	66,130
BENZENE	N	1,100	8,200	9,300	0	480	9,780	0	83,000	170,000	253,000	320	339
CYCLOHEXANOL	N	2,100	3,300	5,400	0	400,000	405,400	0	0	0	0	50,000	47,500
ETHYLENE GLYCOL	N	5	0	5	0	0	5	0	0	0	0	8,900	12,855
METHANOL	N	270	3,800	4,070	0	0	4,070	1,100,000	0	0	1,100,000	47,000	46,970
NITRATE COMPOUNDS ****	N	0	3,400	3,400	0	67,500	70,900	0	0	0	0	400,000	380,000
PHENOL	N	12,000	24,000	36,000	0	790	36,790	4,300	0	0	4,300	4,500	4,365
SULFURIC ACID - (1994 AND AFTER)	N	250	31,000	31,250	0	0	31,250	0	1,600,000	0	1,600,000	0	0
TOLUENE	N	7,300	10,000	17,300	0	630	17,930	0	71,000	230,000	301,000	100	2,095

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Facility Name/Address		Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name	form A*	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
ZINC COMPOUNDS ****	N	0	0	0	0	9,770	9,770	0	0	0	0	1,400	54,724
Total for HONEYWELL INTERNATIONAL INC HOPE		<b>48,825</b>	<b>2,184,400</b>	<b>2,233,225</b>	<b>0</b>	<b>516,170</b>	<b>2,749,395</b>	<b>1,104,300</b>	<b>1,754,000</b>	<b>1,150,000</b>	<b>4,008,300</b>	<b>624,120</b>	<b>616,631</b>
<b>HOPEWELL (CITY)</b>		<b>HOPEWELL POWER STATION</b>						<b>107 REVEREND CURTIS W. HARRIS SENIOR STREET</b>				<b>NAICS Code</b>	<b>22111</b>
AMMONIA	N	0	92,000	92,000	0	36	92,036	0	0	0	0	0	0
Total for HOPEWELL POWER STATION		<b>0</b>	<b>92,000</b>	<b>92,000</b>	<b>0</b>	<b>36</b>	<b>92,036</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>HOPEWELL (CITY)</b>		<b>JAMES RIVER COGENERATION CO INC</b>						<b>912 E RANDOLPH RD</b>				<b>NAICS Code</b>	<b>22111</b>
HYDROCHLORIC ACID (1995 AND	N	0	8,000	8,000	0	0	8,000	0	0	17,000	17,000	0	0
Total for JAMES RIVER COGENERATION CO INC		<b>0</b>	<b>8,000</b>	<b>8,000</b>	<b>0</b>	<b>0</b>	<b>8,000</b>	<b>0</b>	<b>0</b>	<b>17,000</b>	<b>17,000</b>	<b>0</b>	<b>0</b>
<b>HOPEWELL (CITY)</b>		<b>ROCKTENN CP, LLC</b>						<b>910 INDUSTRIAL ST</b>				<b>NAICS Code</b>	<b>32213</b>
ACETALDEHYDE	N	0	9,570	9,570	0	0	9,570	0	0	5,640	5,640	74,270	0
AMMONIA	N	0	60,720	60,720	0	0	60,720	0	0	0	0	7,670	0
BARIUM COMPOUNDS	N	0	670	670	16,100	0	16,770	0	0	0	0	0	55,000
CATECHOL	N	0	0	0	0	0	0	0	0	0	0	590	0
FORMALDEHYDE	N	0	6,500	6,500	0	0	6,500	0	0	1,840	1,840	7,110	0
HYDROCHLORIC ACID (1995 AND	N	0	55,910	55,910	0	0	55,910	0	0	0	0	0	0
HYDROGEN SULFIDE	N	0	25,400	25,400	0	0	25,400	0	0	63,400	63,400	168,600	168,600
MANGANESE COMPOUNDS	N	0	170	170	47,300	0	47,470	0	0	0	0	29,700	188,400
METHANOL	N	0	143,210	143,210	0	0	143,210	0	0	98,680	98,680	4,334,430	3,987,676
NAPHTHALENE	N	0	430	430	0	0	430	0	0	0	0	30	370
PHENOL	N	0	10,100	10,100	0	0	10,100	0	0	1,940	1,940	4,800	0

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Chemical Name	form A*												
Total for RockTenn CP, LLC		0	312,680	312,680	63,400	0	376,080	0	0	171,500	171,500	4,627,200	4,400,046
<b>Total for Above County : (42 reports)</b>		<b>544,324</b>	<b>2,660,404</b>	<b>3,204,728</b>	<b>63,400</b>	<b>516,206</b>	<b>3,784,334</b>	<b>1,104,300</b>	<b>301,176,015</b>	<b>1,365,711</b>	<b>303,646,026</b>	<b>13,325,553</b>	<b>13,104,617</b>
<b>ISLE OF WIGHT</b>	<b>INTERNATIONAL PAPER FRANKLIN MILL</b>							<b>34040 UNION CAMP DR</b>				<b>NAICS Code</b>	<b>32211</b>
ACETALDEHYDE	N	10,691	22,135	32,826	0	314	33,140	0	0	37,224	37,224	0	13
AMMONIA	N	0	100,653	100,653	0	540	101,193	0	0	187,730	187,730	0	248
BARIUM COMPOUNDS	N	0	21	21	0	389	410	0	0	0	0	0	11,552
CATECHOL	N	0	0	0	0	32	32	0	0	620	620	0	4
CHLORINE	N	0	7,517	7,517	0	0	7,517	0	0	165,536	165,536	0	0
CHLORINE DIOXIDE	N	0	1,646	1,646	0	0	1,646	0	0	10,429,554	10,429,554	0	0
CRESOL (MIXED ISOMERS)	N	35,586	38,520	74,106	0	4	74,110	0	0	16,240	16,240	0	0
FORMALDEHYDE	N	1,234	17,878	19,112	0	133	19,245	0	0	14,827	14,827	0	37
FORMIC ACID	N	0	0	0	0	107	107	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	83,515	83,515	0	0	83,515	0	0	0	0	0	0
HYDROGEN SULFIDE	N	82,640	140,325	222,965	0	140	223,105	0	0	565,121	565,121	0	921
MANGANESE COMPOUNDS	N	0	73	73	0	5,235	5,308	0	0	0	0	0	166,011
METHANOL	N	658,639	753,101	1,411,740	0	0	1,411,740	0	0	5,726,427	5,726,427	0	12,844
PHENOL	N	4,018	11,400	15,418	0	5	15,423	0	0	3,577	3,577	0	9
Total for INTERNATIONAL PAPER FRANKLIN MILL		<b>792,808</b>	<b>1,176,784</b>	<b>1,969,592</b>	<b>0</b>	<b>6,899</b>	<b>1,976,491</b>	<b>0</b>	<b>0</b>	<b>17,146,856</b>	<b>17,146,856</b>	<b>0</b>	<b>191,639</b>
<b>ISLE OF WIGHT</b>	<b>SMITHFIELD FARMLAND - SMITHFIELD FACILITY (NORTH)</b>							<b>601 N CHURCH ST</b>				<b>NAICS Code</b>	<b>31161</b>
AMMONIA	N	0	1,114	1,114	0	0	1,114	0	0	69,895	69,895	39,787	39,787

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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		
Facility Name/Address		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)	
Chemical Name	form A*													
HYDROGEN SULFIDE		N	33,437	149	33,586	0	0	33,586	0	0	67	67	0	0
NITRATE COMPOUNDS		N	0	0	0	0	0	0	0	0	1,166,883	1,166,883	1,483,389	1,483,389
SODIUM NITRITE		N	0	0	0	41,125	0	41,125	0	0	0	0	0	0
Total for SMITHFIELD FARMLAND - Smithfield Facili			<b>33,437</b>	<b>1,263</b>	<b>34,700</b>	<b>41,125</b>	<b>0</b>	<b>75,825</b>	<b>0</b>	<b>0</b>	<b>1,236,845</b>	<b>1,236,845</b>	<b>1,523,176</b>	<b>1,523,176</b>
Total for Above County : (18 reports)			<b>826,245</b>	<b>1,178,047</b>	<b>2,004,292</b>	<b>41,125</b>	<b>6,899</b>	<b>2,052,316</b>	<b>0</b>	<b>0</b>	<b>18,383,701</b>	<b>18,383,701</b>	<b>1,523,176</b>	<b>1,714,815</b>
<b>JAMES CITY</b>		<b>ANHEUSER-BUSCH INC</b>						<b>7801 POCAHONTAS TRAIL</b>				<b>NAICS Code 31212</b>		
AMMONIA		N	8,542	95	8,637	0	0	8,637	0	0	0	0	1,397	870
Total for ANHEUSER-BUSCH INC			<b>8,542</b>	<b>95</b>	<b>8,637</b>	<b>0</b>	<b>0</b>	<b>8,637</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,397</b>	<b>870</b>
<b>JAMES CITY</b>		<b>BALL METAL BEVERAGE CONTAINER CORP</b>						<b>8935 POCAHONTAS TRAIL JAMES RIVER COMM</b>				<b>NAICS Code 33243</b>		
CERTAIN GLYCOL ETHERS		N	53,000	260,000	313,000	0	0	313,000	0	0	0	0	0	353
N-BUTYL ALCOHOL		N	22,000	110,000	132,000	0	0	132,000	0	0	0	0	0	145
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			<b>75,000</b>	<b>370,000</b>	<b>445,000</b>	<b>0</b>	<b>0</b>	<b>445,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>498</b>
<b>JAMES CITY</b>		<b>GREYSTONE OF VIRGINIA</b>						<b>7992 RICHMOND RD</b>				<b>NAICS Code 33281</b>		
CHROMIUM COMPOUNDS (EXCEPT		N	0	1	1	0	0	1	0	0	0	0	34	11,287
Total for GREYSTONE OF VIRGINIA			<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34</b>	<b>11,287</b>
Total for Above County : (5 reports)			<b>83,542</b>	<b>370,096</b>	<b>453,638</b>	<b>0</b>	<b>0</b>	<b>453,638</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,431</b>	<b>12,655</b>
<b>KING GEORGE</b>		<b>BIRCHWOOD POWER FACILITY</b>						<b>10900 BIRCHWOOD DR</b>				<b>NAICS Code 22111</b>		
AMMONIA		N	103	240	343	0	0	343	0	0	353,865	353,865	0	2,153

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
CHLORINE	N	5	0	5	0	0	5	0	0	66,376	66,376	0	0
CHLORINE DIOXIDE	N	5	6,638	6,643	0	0	6,643	0	0	29,869	29,869	0	0
CRESOL (MIXED ISOMERS)	N	2	3,340	3,342	0	1	3,343	0	0	40,100	40,100	0	1
FORMALDEHYDE	N	5	11,016	11,021	0	258	11,279	0	0	11,135	11,135	0	2
FORMIC ACID	N	0	0	0	0	862	862	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	76,338	76,338	0	0	76,338	0	0	184,208	184,208	0	0
HYDROGEN SULFIDE	N	1,231	45,763	46,994	0	0	46,994	0	0	215,849	215,849	0	15
MANGANESE COMPOUNDS	N	0	268	268	0	24,329	24,597	0	0	0	0	0	210,573
METHANOL	N	8,551	434,436	442,987	0	4,961	447,948	0	0	2,957,940	2,957,940	0	892
NAPHTHALENE	N	2	2,892	2,894	0	0	2,894	0	0	13	13	0	0
PHENOL	N	6	20,336	20,342	0	326	20,668	0	0	11,175	11,175	0	3
SULFURIC ACID - (1994 AND AFTER	N	0	52,422	52,422	0	0	52,422	0	0	0	0	0	0
VANADIUM COMPOUNDS	N	0	124	124	0	130	254	0	0	0	0	0	7,617
ZINC COMPOUNDS	N	0	398	398	0	52	450	0	0	0	0	0	87,783
Total for ROCKTENN CP, LLC		<b>9,862</b>	<b>815,711</b>	<b>825,573</b>	<b>0</b>	<b>38,293</b>	<b>863,866</b>	<b>0</b>	<b>0</b>	<b>3,785,983</b>	<b>3,785,983</b>	<b>0</b>	<b>349,249</b>
<b>Total for Above County : (18 reports)</b>		<b>9,862</b>	<b>815,711</b>	<b>825,573</b>	<b>0</b>	<b>38,293</b>	<b>863,866</b>	<b>0</b>	<b>0</b>	<b>3,785,983</b>	<b>3,785,983</b>	<b>0</b>	<b>349,249</b>
<b>LANCASTER</b>		<b>QUARLES TCH BULK PLANT</b>						<b>73 SEAFOOD LANE</b>				<b>NAICS Code 42471</b>	
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

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
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		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (6 reports)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>LOUDOUN</b>		<b>ASIG FUELING OPERATIONS INTERNATIONAL AIRPORT DULLES</b>						<b>TANK FARM RD BUILDING 2</b>				<b>NAICS Code 48811</b>	
1,2,4-TRIMETHYLBENZENE	N	113	0	113	0	0	113	0	0	0	0	0	0
ARSENIC	N	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	N	73	0	73	0	0	73	0	0	0	0	0	0
BERYLLIUM	N	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	N	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	N	1	0	1	0	0	1	0	0	0	0	0	0
ETHYLBENZENE	N	72	0	72	0	0	72	0	0	0	0	0	0
METHYL TERT-BUTYL ETHER	N	677	0	677	0	0	677	0	0	0	0	0	0
NAPHTHALENE	N	168	0	168	0	0	168	0	7,725	0	7,725	0	2,249
N-HEXANE	N	45	0	45	0	0	45	0	0	0	0	0	0
TOLUENE	N	325	0	325	0	0	325	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	324	0	324	0	0	324	0	0	0	0	0	0
Total for ASIG FUELING OPERATIONS INTERNATI		<b>1,798</b>	<b>0</b>	<b>1,798</b>	<b>0</b>	<b>0</b>	<b>1,798</b>	<b>0</b>	<b>7,725</b>	<b>0</b>	<b>7,725</b>	<b>0</b>	<b>2,249</b>
<b>LOUDOUN</b>		<b>VIASYSTEMS TECHNOLOGIES CORP., L.L.C.</b>						<b>1200 SEVERN WAY</b>				<b>NAICS Code 33441</b>	

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
AMMONIA	N	350	3,134	3,484	0	0	3,484	0	0	0	0	3,749	15,254
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	652	162,258
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	37,390	37,390
NITRIC ACID	N	5	5	10	0	0	10	0	0	37,993	37,993	0	0
SULFURIC ACID - (1994 AND AFTER	Y	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for Viasystems Technologies Corp., L.L.C.</b>		<b>355</b>	<b>3,139</b>	<b>3,494</b>	<b>0</b>	<b>0</b>	<b>3,494</b>	<b>0</b>	<b>0</b>	<b>37,993</b>	<b>37,993</b>	<b>41,791</b>	<b>214,902</b>
<b>LOUDOUN</b>								<b>44866</b>	<b>OLD OX RD</b>			<b>NAICS Code</b>	<b>32732</b>
NITRATE COMPOUNDS	N	0	0	0	0	143	143	0	0	0	0	0	0
<b>Total for VIRGINIA CONCRETE DULLES PLANT</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>143</b>	<b>143</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (19 reports)</b>		<b>2,153</b>	<b>3,139</b>	<b>5,292</b>	<b>0</b>	<b>143</b>	<b>5,435</b>	<b>0</b>	<b>7,725</b>	<b>37,993</b>	<b>45,718</b>	<b>41,791</b>	<b>217,151</b>
<b>LUNENBURG</b>								<b>1201</b>	<b>FIFTH AVE</b>			<b>NAICS Code</b>	<b>32619</b>
METHYL METHACRYLATE	N	0	7,256	7,256	0	0	7,256	0	0	0	0	0	0
METHYL METHACRYLATE	N	0	11,124	11,124	0	0	11,124	0	0	0	0	0	0
STYRENE	N	0	44,244	44,244	0	0	44,244	0	0	0	0	0	0
STYRENE	N	0	64,053	64,053	0	0	64,053	0	0	0	0	0	0
<b>Total for VIRGINIA MARBLE MANUFACTURERS IN</b>		<b>0</b>	<b>126,677</b>	<b>126,677</b>	<b>0</b>	<b>0</b>	<b>126,677</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (4 reports)</b>		<b>0</b>	<b>126,677</b>	<b>126,677</b>	<b>0</b>	<b>0</b>	<b>126,677</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>LYNCHBURG (CITY)</b>								<b>1619</b>	<b>WYTHE RD</b>			<b>NAICS Code</b>	<b>33231</b>

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Facility Name/Address		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)
Chemical Name	form A*												
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	15,557
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	31,185
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	27,711
Total for Banker Steel Company, LLC		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>74,453</b>
<b>LYNCHBURG (CITY)</b>	<b>C R HUDGINS PLATING INC</b>							<b>3600 CANDLERS MOUNTAIN RD</b>				<b>NAICS Code</b>	<b>33281</b>
ZINC COMPOUNDS	N	422	114	536	0	12	548	0	0	0	0	111	77
Total for C R HUDGINS PLATING INC		<b>422</b>	<b>114</b>	<b>536</b>	<b>0</b>	<b>12</b>	<b>548</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>111</b>	<b>77</b>
<b>LYNCHBURG (CITY)</b>	<b>DAVIS-FROST INC</b>							<b>3420 CANDLER'S MOUNTAIN RD</b>				<b>NAICS Code</b>	<b>32551</b>
CERTAIN GLYCOL ETHERS	N	672	0	672	0	0	672	0	0	0	0	0	0
TOLUENE	N	575	0	575	0	0	575	0	0	0	0	0	6,668
XYLENE (MIXED ISOMERS)	N	1,874	0	1,874	0	0	1,874	0	0	0	0	0	13,335
ZINC COMPOUNDS	N	315	0	315	0	0	315	0	0	0	0	0	0
Total for DAVIS-FROST INC		<b>3,436</b>	<b>0</b>	<b>3,436</b>	<b>0</b>	<b>0</b>	<b>3,436</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,003</b>
<b>LYNCHBURG (CITY)</b>	<b>GRIFFIN PIPE PRODUCTS CO</b>							<b>10 ADAMS ST</b>				<b>NAICS Code</b>	<b>33151</b>
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	2
MANGANESE COMPOUNDS	N	11	1,090	1,101	0	46	1,147	0	0	0	0	46	223,481
ZINC COMPOUNDS	N	125	17,989	18,114	0	160	18,274	0	0	0	0	500	642,535
Total for GRIFFIN PIPE PRODUCTS CO		<b>137</b>	<b>19,078</b>	<b>19,215</b>	<b>0</b>	<b>206</b>	<b>19,421</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>546</b>	<b>866,018</b>
<b>LYNCHBURG (CITY)</b>	<b>NORCRAFT COMPANIES</b>							<b>1 MILLRACE DR</b>				<b>NAICS Code</b>	<b>33711</b>
TOLUENE	N	0	31,530	31,530	0	0	31,530	0	0	0	0	0	147

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

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name	form A*	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
XYLENE (MIXED ISOMERS)	N	0	40,270	40,270	0	0	40,270	0	0	0	0	0	1,965
Total for NORCRAFT COMPANIES		<b>0</b>	<b>71,800</b>	<b>71,800</b>	<b>0</b>	<b>0</b>	<b>71,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,112</b>
<b>LYNCHBURG (CITY)</b>	<b>R. R. DONNELLEY PRINTING CO</b>							<b>4201 MURRAY PL</b>				<b>NAICS Code</b>	<b>32311</b>
BARIUM COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	7	5
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	34	1,339
TOLUENE	N	0	319,120	319,120	0	0	319,120	0	14	0	14	120	23,445
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	26	23
Total for R. R. DONNELLEY PRINTING CO		<b>0</b>	<b>319,120</b>	<b>319,120</b>	<b>0</b>	<b>0</b>	<b>319,120</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>14</b>	<b>188</b>	<b>24,812</b>
<b>LYNCHBURG (CITY)</b>	<b>SLOCUM ADHESIVES CORP</b>							<b>1409 BUCHANAN ST</b>				<b>NAICS Code</b>	<b>32552</b>
DICHLOROMETHANE	N	6,247	0	6,247	0	0	6,247	0	0	0	0	0	0
N-HEXANE	N	2,083	0	2,083	0	0	2,083	0	0	0	0	0	0
TOLUENE	N	1,995	0	1,995	0	0	1,995	0	0	0	0	0	0
TRICHLOROETHYLENE	N	408	0	408	0	0	408	0	0	0	0	0	0
Total for SLOCUM ADHESIVES CORP		<b>10,733</b>	<b>0</b>	<b>10,733</b>	<b>0</b>	<b>0</b>	<b>10,733</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>LYNCHBURG (CITY)</b>	<b>TRI TECH LABORATORIES, INC.</b>							<b>1000 ROBINS ROAD</b>				<b>NAICS Code</b>	<b>32562</b>
CERTAIN GLYCOL ETHERS	N	11	11	22	0	0	22	0	0	0	0	698	1,340
Total for Tri Tech Laboratories, Inc.		<b>11</b>	<b>11</b>	<b>22</b>	<b>0</b>	<b>0</b>	<b>22</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>698</b>	<b>1,340</b>
<b>LYNCHBURG (CITY)</b>	<b>WESTOVER DAIRY</b>							<b>2801 FORT AVE</b>				<b>NAICS Code</b>	<b>31151</b>
NITRIC ACID	N	0	0	0	0	0	0	0	0	14,044	14,044	4	4
Total for WESTOVER DAIRY		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,044</b>	<b>14,044</b>	<b>4</b>	<b>4</b>

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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		
Facility Name/Address		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)
Chemical Name	form A*												
<b>Total for Above County : (23 reports)</b>		<b>14,738</b>	<b>410,123</b>	<b>424,862</b>	<b>0</b>	<b>218</b>	<b>425,080</b>	<b>0</b>	<b>14</b>	<b>14,044</b>	<b>14,058</b>	<b>1,547</b>	<b>988,818</b>
<b>MADISON</b>	<b>MADISON WOOD PRESERVERS INC.</b>							<b>216 OAK PARK RD</b>				<b>NAICS Code 32111</b>	
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.		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (3 reports)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MECKLENBURG</b>	<b>AMERICAN BUILDINGS COMPANY-LA CROSSE</b>							<b>501 GOLDEN EAGLE DR</b>				<b>NAICS Code 33231</b>	
MANGANESE	N	6	0	6	0	0	6	0	0	0	0	0	27,846
NICKEL	N	1	0	1	0	0	1	0	0	0	0	0	2,436
Total for AMERICAN BUILDINGS COMPANY-LA CR		<b>7</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,282</b>
<b>MECKLENBURG</b>	<b>MECKLENBURG POWER STATION</b>							<b>204 COGEN DR</b>				<b>NAICS Code 22111</b>	
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	2,230	2,230	0	0	2,230	0	0	25,700	25,700	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	408	408	0	0	408	0	0	77,700	77,700	0	0
Total for MECKLENBURG POWER STATION		<b>0</b>	<b>2,638</b>	<b>2,638</b>	<b>0</b>	<b>0</b>	<b>2,638</b>	<b>0</b>	<b>0</b>	<b>103,400</b>	<b>103,400</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (6 reports)</b>		<b>7</b>	<b>2,638</b>	<b>2,645</b>	<b>0</b>	<b>0</b>	<b>2,645</b>	<b>0</b>	<b>0</b>	<b>103,400</b>	<b>103,400</b>	<b>0</b>	<b>30,282</b>
<b>MONTGOMERY</b>	<b>ALLIANT TECHSYSTEMS OPERATIONS LLC. (NEW RIVER ENERGETI</b>							<b>RT 114 RADFORD ARMY AMMUNITION PLANT</b>				<b>NAICS Code 32592</b>	

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
2,4-DINITROTOLUENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
DIPHENYLAMINE	N	0	42	42	0	0	42	0	1,641	0	1,641	1	1,936
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	165,946	164,875
NITROGLYCERIN	N	0	21,987	21,987	0	0	21,987	0	127,908	0	127,908	109,845	218,551
Total for ALLIANT TECHSYSTEMS Operations LLC.		<b>0</b>	<b>22,029</b>	<b>22,029</b>	<b>0</b>	<b>0</b>	<b>22,029</b>	<b>0</b>	<b>129,549</b>	<b>0</b>	<b>129,549</b>	<b>275,792</b>	<b>385,363</b>
<b>MONTGOMERY</b>	<b>BAE SYSTEMS, ORDNANCE SYSTEMS INC.</b>						<b>RADFORD ARMY AMMUNITION PLANT, 4050 REEF</b>				<b>NAICS Code</b>	<b>32592</b>	
2,4-DINITROTOLUENE	N	0	0	0	0	2	2	0	0	7,554	7,554	0	14
AMMONIA	N	23,513	205	23,718	0	1,167	24,885	0	0	0	0	0	0
CHLORINE	N	0	0	0	0	0	0	0	0	3,783	3,783	0	0
COPPER COMPOUNDS	N	538	119	657	0	91	748	0	0	0	0	0	1
DIBUTYL PHTHALATE	N	13	2	15	0	0	15	0	0	3,522	3,522	0	5
HYDROCHLORIC ACID (1995 AND	N	0	282,212	282,212	0	0	282,212	0	0	0	0	0	0
NITRATE COMPOUNDS	N	0	0	0	0	8,566,875	8,566,875	0	0	18,177	18,177	0	0
NITRIC ACID	N	906	815	1,721	0	0	1,721	0	34,685,204	8,538,416	43,223,620	0	0
NITROGLYCERIN	N	0	37,000	37,000	0	57,856	94,856	0	0	280,073	280,073	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	72,344	72,344	0	0	72,344	0	0	0	0	0	0
Total for BAE Systems, Ordnance Systems Inc.		<b>24,970</b>	<b>392,698</b>	<b>417,668</b>	<b>0</b>	<b>8,625,991</b>	<b>9,043,659</b>	<b>0</b>	<b>34,685,204</b>	<b>8,851,525</b>	<b>43,536,729</b>	<b>0</b>	<b>20</b>
<b>MONTGOMERY</b>	<b>FEDERAL-MOGUL CORP</b>						<b>300 INDUSTRIAL PARK RD SE</b>				<b>NAICS Code</b>	<b>33635</b>	
ALUMINUM (FUME OR DUST)	N	90	9,038	9,128	0	0	9,128	0	0	0	0	0	422,597
AMMONIA	Y	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	N	1	88	89	0	0	89	0	0	0	0	10	41,203

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Facility Name/Address		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)
Chemical Name	form A*												
Total for FEDERAL-MOGUL CORP		91	9,126	9,217	0	0	9,217	0	0	0	0	10	463,800
<b>MONTGOMERY</b>	<b>HUBBELL LIGHTING INC.</b>							<b>2000 ELECTRIC WAY</b>				<b>NAICS Code</b>	<b>33512</b>
COPPER	N	0	0	0	0	0	0	0	0	0	0	1	2,362
NITRIC ACID	N	0	33	33	0	0	33	0	0	11,403	11,403	0	0
Total for HUBBELL LIGHTING INC.		0	33	33	0	0	33	0	0	11,403	11,403	1	2,362
<b>MONTGOMERY</b>	<b>PROCHEM, INC</b>							<b>5100 ENTERPRISE DR</b>				<b>NAICS Code</b>	<b>32599</b>
BARIUM 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
<b>MONTGOMERY</b>	<b>WOLVERINE ADVANCED MATERIALS</b>							<b>201 INDUSTRIAL PARK RD</b>				<b>NAICS Code</b>	<b>33281</b>
METHYL ISOBUTYL KETONE	N	27	1,618	1,645	0	0	1,645	0	0	0	0	0	0
METHYL ISOBUTYL KETONE	N	22	3,661	3,683	0	0	3,683	0	0	329,319	329,319	0	0
TOLUENE	N	97	7,777	7,874	0	0	7,874	0	0	1,103,241	1,103,241	0	0
TOLUENE	N	118	11,665	11,783	0	0	11,783	0	0	1,046,148	1,046,148	0	0
Total for WOLVERINE ADVANCED MATERIALS		263	24,721	24,984	0	0	24,984	0	0	2,478,708	2,478,708	0	0
<b>Total for Above County : (27 reports)</b>		<b>25,324</b>	<b>448,606</b>	<b>473,931</b>	<b>0</b>	<b>8,625,991</b>	<b>9,099,922</b>	<b>0</b>	<b>34,814,753</b>	<b>11,341,636</b>	<b>46,156,389</b>	<b>275,803</b>	<b>851,545</b>
<b>NEWPORT NEWS (CITY)</b>	<b>CANON VIRGINIA INC</b>							<b>12000 CANON BLVD</b>				<b>NAICS Code</b>	<b>33441</b>
CHLOROBENZENE	N	1,469	1,175	2,644	0	0	2,644	0	45,462	0	45,462	0	26,202

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
METHANOL	N	1,987	568	2,555	0	0	2,555	0	47,024	0	47,024	0	26,107
Total for CANON VIRGINIA INC		<b>3,456</b>	<b>1,743</b>	<b>5,199</b>	<b>0</b>	<b>0</b>	<b>5,199</b>	<b>0</b>	<b>92,486</b>	<b>0</b>	<b>92,486</b>	<b>0</b>	<b>52,309</b>
<b>NEWPORT NEWS (CITY)</b>	<b>CONTINENTAL AUTOMOTIVE SYSTEMS, INC.</b>						<b>615 BLAND BLVD</b>				<b>NAICS Code</b>	<b>33631</b>	
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	85,460
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	5,588
Total for Continental Automotive Systems, Inc.		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>91,048</b>
<b>NEWPORT NEWS (CITY)</b>	<b>HUNTINGTON INGALLS INCORPORATED</b>						<b>4101 WASHINGTON AVE</b>				<b>NAICS Code</b>	<b>33661</b>	
1,2,4-TRIMETHYLBENZENE	N	25,285	13	25,298	0	0	25,298	0	0	0	0	0	0
AMMONIA	N	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	N	69	1	69	0	381	450	0	0	0	0	71	774
COPPER	N	265	2	266	0	469	735	0	0	0	0	828	2,042
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	53,160
ETHYLENE GLYCOL	N	0	0	0	0	0	0	0	0	0	0	0	0
HYDRAZINE	N	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE	N	485	3	488	0	105	593	0	0	0	0	40	14,003
N-BUTYL ALCOHOL	N	75,109	253	75,362	0	0	75,362	0	0	0	0	1	40,167
NICKEL	N	90	1	91	0	191	282	0	0	0	0	72	801
SULFURIC ACID - (1994 AND AFTER	N	0	31,349	31,349	0	0	31,349	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	37,550	254	37,803	0	0	37,803	0	0	0	0	0	68,655
ZINC COMPOUNDS	N	44	0	44	0	4,035	4,079	0	0	0	0	444	11,175
Total for HUNTINGTON INGALLS INCORPORATED		<b>138,897</b>	<b>31,875</b>	<b>170,771</b>	<b>0</b>	<b>5,181</b>	<b>175,952</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,455</b>	<b>190,778</b>

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
<b>NEWPORT NEWS (CITY)</b>	<b>KINYO VIRGINIA INC</b>							<b>290 ENTERPRISE DR</b>				<b>NAICS Code</b>	<b>32629</b>
TOLUENE	N	56,560	28,920	85,480	0	0	85,480	0	0	0	0	0	17,878
Total for KINYO VIRGINIA INC		<b>56,560</b>	<b>28,920</b>	<b>85,480</b>	<b>0</b>	<b>0</b>	<b>85,480</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17,878</b>
<b>NEWPORT NEWS (CITY)</b>	<b>MARVA MAID DAIRY</b>							<b>5500 CHESTNUT AVE</b>				<b>NAICS Code</b>	<b>31151</b>
NITRIC ACID	N	0	0	0	0	0	0	0	0	14,941	14,941	462	462
Total for MARVA MAID DAIRY		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,941</b>	<b>14,941</b>	<b>462</b>	<b>462</b>
<b>NEWPORT NEWS (CITY)</b>	<b>MICA CO OF CANADA INC</b>							<b>900 JEFFERSON AVE</b>				<b>NAICS Code</b>	<b>32799</b>
METHANOL	N	250	36,359	36,609	0	0	36,609	0	0	0	0	0	0
TOLUENE	N	250	39,127	39,377	0	0	39,377	0	0	0	0	0	0
Total for MICA CO OF CANADA INC		<b>500</b>	<b>75,486</b>	<b>75,986</b>	<b>0</b>	<b>0</b>	<b>75,986</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (21 reports)</b>		<b>199,413</b>	<b>138,024</b>	<b>337,436</b>	<b>0</b>	<b>5,181</b>	<b>342,617</b>	<b>0</b>	<b>92,486</b>	<b>14,941</b>	<b>107,427</b>	<b>1,917</b>	<b>352,475</b>
<b>NORFOLK (CITY)</b>	<b>BAE SYSTEMS NORFOLK SHIP REPAIR</b>							<b>750 W BERKLEY AVE</b>				<b>NAICS Code</b>	<b>33661</b>
COPPER COMPOUNDS	N	719	0	719	0	179	898	0	0	0	0	437	4,118
N-BUTYL ALCOHOL	N	13,515	0	13,515	0	0	13,515	0	0	0	0	0	15,820
XYLENE (MIXED ISOMERS)	N	7,813	0	7,813	0	0	7,813	0	0	0	0	0	5,249
Total for BAE SYSTEMS NORFOLK SHIP REPAIR		<b>22,047</b>	<b>0</b>	<b>22,047</b>	<b>0</b>	<b>179</b>	<b>22,226</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>437</b>	<b>25,187</b>
<b>NORFOLK (CITY)</b>	<b>COLONNA'S SHIPYARD INC</b>							<b>400 E INDIAN RIVER RD</b>				<b>NAICS Code</b>	<b>33661</b>
COPPER COMPOUNDS	N	2,181	0	2,181	0	0	2,181	0	0	0	0	207	149
N-BUTYL ALCOHOL	N	11,196	0	11,196	0	0	11,196	0	0	0	0	0	263

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air (pounds)	Air (pounds)	Air (pounds)	(pounds)	(pounds)	On-Site Releases (pounds)	Recovery (pounds)	(pounds)	(pounds)	On-Site Management (pounds)	(pounds)	Off-Site Transfers ** (pounds)
XYLENE (MIXED ISOMERS)	N	14,482	0	14,482	0	0	14,482	0	0	0	0	0	520
Total for COLONNA'S SHIPYARD INC		<b>27,859</b>	<b>0</b>	<b>27,859</b>	<b>0</b>	<b>0</b>	<b>27,859</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>207</b>	<b>932</b>
<b>NORFOLK (CITY) U.S. NAVY NAVAL STATION NORFOLK</b>								<b>1510 GILBERT ST</b>				<b>NAICS Code</b>	<b>92811</b>
NAPHTHALENE	N	41	13	54	0	0	54	0	0	0	0	0	36,845
Total for U.S. NAVY NAVAL STATION NORFOLK		<b>41</b>	<b>13</b>	<b>54</b>	<b>0</b>	<b>0</b>	<b>54</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>36,845</b>
Total for Above County : (7 reports)		<b>49,947</b>	<b>13</b>	<b>49,960</b>	<b>0</b>	<b>179</b>	<b>50,139</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>644</b>	<b>62,963</b>
<b>NORTHUMBERLAND CARRY-ON TRAILER CORP</b>								<b>617 HARRY HOGAN RD</b>				<b>NAICS Code</b>	<b>33621</b>
MANGANESE	N	40	0	40	0	0	40	0	0	0	0	0	345
Total for CARRY-ON TRAILER CORP		<b>40</b>	<b>0</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>345</b>
Total for Above County : (1 record)		<b>40</b>	<b>0</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>345</b>
<b>NOTTOWAY COX WOOD OF VIRGINIA</b>								<b>2960 COX RD</b>				<b>NAICS Code</b>	<b>32111</b>
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for Cox Wood of Virginia		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NOTTOWAY TYSON FARMS INC. - FEED MILL</b>								<b>1938 PATRICK HENRY HWY</b>				<b>NAICS Code</b>	<b>31111</b>
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		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NOTTOWAY US ARMY NATIONAL GUARD FORT PICKETT (RANGES)</b>								<b>USPFO, BUILDING 316, FORT PICKETT</b>				<b>NAICS Code</b>	<b>92811</b>

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
COPPER	N	0	0	0	83,872	0	83,872	0	0	0	0	0	0
NITROGLYCERIN	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for US ARMY NATIONAL GUARD FORT PICK		<b>0</b>	<b>0</b>	<b>0</b>	<b>83,872</b>	<b>0</b>	<b>83,872</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (6 reports)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>83,872</b>	<b>0</b>	<b>83,872</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PATRICK MICROMETRICS SYSTEM</b>								<b>225 JEB STUART HWY</b>				<b>NAICS Code 33271</b>	
CHLORINE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for MICROMETRICS SYSTEM		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (1 record)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PETERSBURG (CITY) AMSTED RAIL COMPANY INC.</b>								<b>2580 FRONTAGE RD</b>				<b>NAICS Code 33211</b>	
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	2	140,275
COPPER	N	0	0	0	0	0	0	0	0	0	0	3	79,570
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	226,454
NICKEL	N	0	1	1	0	0	1	0	0	0	0	20	141,252
Total for Amsted Rail Company Inc.		<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26</b>	<b>587,551</b>
<b>PETERSBURG (CITY) BLEACHTECH LLC</b>								<b>2020 BESSEMER RD</b>				<b>NAICS Code 32518</b>	
CHLORINE	N	250	250	500	0	0	500	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	750	250	1,000	0	0	1,000	0	0	147,132	147,132	0	0
Total for BLEACHTECH LLC		<b>1,000</b>	<b>500</b>	<b>1,500</b>	<b>0</b>	<b>0</b>	<b>1,500</b>	<b>0</b>	<b>0</b>	<b>147,132</b>	<b>147,132</b>	<b>0</b>	<b>0</b>
<b>PETERSBURG (CITY) BOEHRINGER INGELHEIM CHEMICALS INC</b>								<b>2820 N NORMANDY DRIVE</b>				<b>NAICS Code 32541</b>	

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# 2013 Toxics Release Inventory

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Facility Name/Address		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)
Chemical Name	form A*												
ACETONITRILE	N	69	135	204	0	0	204	0	0	15,043	15,043	0	680,350
AMMONIA	N	0	0	0	0	0	0	0	0	71,400	71,400	11,700	4,680
CERTAIN GLYCOL ETHERS	N	0	0	0	0	0	0	0	0	5,616	5,616	4,212	496,154
CYCLOHEXANE	N	0	0	0	0	0	0	0	0	0	0	0	80,855
ETHYLENE GLYCOL	N	124	1,433	1,557	0	0	1,557	0	96,923	9,670	106,593	0	167,913
FORMIC ACID	N	0	0	0	0	0	0	0	0	0	0	0	43,566
METHANOL	N	1,383	181	1,564	0	0	1,564	0	0	1,166,982	1,166,982	0	472,007
METHYL TERT-BUTYL ETHER	N	522	304	826	0	0	826	0	0	29,232	29,232	1,786	133,672
TOLUENE	N	1,543	320	1,863	0	0	1,863	0	0	12,973	12,973	0	154,470
TRIETHYLAMINE	N	124	1	125	0	0	125	0	0	5,525	5,525	0	47,021
Total for BOEHRINGER INGELHEIM CHEMICALS I		<b>3,765</b>	<b>2,374</b>	<b>6,139</b>	<b>0</b>	<b>0</b>	<b>6,139</b>	<b>0</b>	<b>96,923</b>	<b>1,316,441</b>	<b>1,413,364</b>	<b>17,698</b>	<b>2,280,688</b>
<b>PETERSBURG (CITY) DOMINION CHEMICAL CO INC</b>								<b>2050 PUDDLEDOCK RD</b>				<b>NAICS Code 32599</b>	
METHANOL	N	250	250	500	0	0	500	0	0	0	0	0	0
Total for DOMINION CHEMICAL CO INC		<b>250</b>	<b>250</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PETERSBURG (CITY) PRE CON INC</b>								<b>220 S PERRY ST</b>				<b>NAICS Code 31332</b>	
CYCLOHEXANE	N	1,972	8,769	10,741	0	0	10,741	0	0	175,378	175,378	0	185,200
Total for PRE CON INC		<b>1,972</b>	<b>8,769</b>	<b>10,741</b>	<b>0</b>	<b>0</b>	<b>10,741</b>	<b>0</b>	<b>0</b>	<b>175,378</b>	<b>175,378</b>	<b>0</b>	<b>185,200</b>
<b>PETERSBURG (CITY) VALMONT - VIRGINIA GALVANIZING INC.</b>								<b>3535 HALIFAX RD</b>				<b>NAICS Code 33281</b>	
ZINC COMPOUNDS	N	560	0	560	0	0	560	0	0	0	0	0	41,100
Total for VALMONT - VIRGINIA GALVANIZING INC.		<b>560</b>	<b>0</b>	<b>560</b>	<b>0</b>	<b>0</b>	<b>560</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>41,100</b>

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
<b>Total for Above County : (19 reports)</b>		<b>7,547</b>	<b>11,894</b>	<b>19,441</b>	<b>0</b>	<b>0</b>	<b>19,441</b>	<b>0</b>	<b>96,923</b>	<b>1,638,951</b>	<b>1,735,874</b>	<b>17,724</b>	<b>3,094,539</b>
<b>PITTSYLVANIA</b>	<b>ARKEMA INC, SARTOMER BUSINESS UNIT</b>							<b>601 TIGHTSQUEEZE INDUSTRIAL RD</b>				<b>NAICS Code</b>	<b>32521</b>
ACRYLIC ACID	N	250	250	500	0	0	500	0	0	350,000	350,000	0	0
BUTYL ACRYLATE	N	250	250	500	0	0	500	0	0	680	680	0	750
CERTAIN GLYCOL ETHERS	N	5	5	10	0	0	10	0	0	100	100	0	1,005
DIISOCYANATES	Y	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	N	250	250	500	0	0	500	0	0	1,200	1,200	0	12,250
HYDROQUINONE	Y	0	0	0	0	0	0	0	0	0	0	0	0
METHYL METHACRYLATE	N	250	5	255	0	0	255	0	0	170	170	0	1,350
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	1,300,000	41,000	1,341,000	0	609,250
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	5,000	5,000	0	50,250
<b>Total for ARKEMA INC, SARTOMER BUSINESS UN</b>		<b>4,555</b>	<b>2,110</b>	<b>6,665</b>	<b>0</b>	<b>0</b>	<b>6,665</b>	<b>0</b>	<b>1,300,000</b>	<b>398,150</b>	<b>1,698,150</b>	<b>0</b>	<b>674,855</b>
<b>PITTSYLVANIA</b>	<b>CCP COMPOSITES US LLC</b>							<b>920 TIGHTSQUEEZE INDUSTRIAL RD</b>				<b>NAICS Code</b>	<b>32521</b>
DICYCLOPENTADIENE	N	1,202	3	1,205	0	0	1,205	0	0	0	0	0	17,515
ETHYLENE GLYCOL	N	2,150	0	2,150	0	0	2,150	0	0	0	0	0	32,654
MALEIC ANHYDRIDE	N	1,575	430	2,005	0	0	2,005	0	0	0	0	0	158
PHTHALIC ANHYDRIDE	N	869	322	1,191	0	0	1,191	0	0	0	0	0	158
STYRENE	N	8,887	51	8,938	0	0	8,938	0	0	0	0	14	28,170

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
TRIETHYLAMINE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CCP COMPOSITES US LLC		14,683	806	15,489	0	0	15,489	0	0	0	0	14	78,655
<b>PITTSYLVANIA</b>	<b>COLUMBIA FOREST PRODUCTS</b>							<b>100 PAUL RD SW</b>				<b>NAICS Code</b>	<b>32121</b>
CERTAIN GLYCOL ETHERS	N	14,896	0	14,896	0	0	14,896	0	0	0	0	0	0
Total for COLUMBIA FOREST PRODUCTS		14,896	0	14,896	0	0	14,896	0	0	0	0	0	0
<b>PITTSYLVANIA</b>	<b>DANCHEM TECHNOLOGIES INC.</b>							<b>1975 OLD RICHMOND RD</b>				<b>NAICS Code</b>	<b>32521</b>
1,2,4-TRIMETHYLBENZENE	N	30	22	53	0	0	53	0	0	0	0	0	0
ACRYLIC ACID	N	4	19	22	0	0	22	0	0	0	0	0	0
ACRYLONITRILE	N	15	72	87	0	0	87	0	0	0	0	0	53
ANTIMONY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	158	51
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	6	48
DICAMBA	N	0	0	0	0	0	0	0	0	0	0	0	520
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	1,180
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	0
METHANOL	N	1,074	1,171	2,245	0	0	2,245	0	0	0	0	0	11,002
METHYL METHACRYLATE	N	390	173	564	0	0	564	0	0	0	0	0	90
N-BUTYL ALCOHOL	N	6,528	36,258	42,786	0	0	42,786	0	1,987,651	2,075,758	4,063,409	0	96,921
PHENOL	N	0	1	1	0	0	1	0	0	0	0	20	78
TOLUENE	N	2,481	3,010	5,491	0	0	5,491	0	0	52,130	52,130	2	320,783
VINYL ACETATE	N	478	946	1,424	0	0	1,424	0	0	0	0	0	0

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
XYLENE (MIXED ISOMERS)	N	3,185	1,322	4,507	0	0	4,507	0	0	0	0	0	634
<b>Total for DANCHEM TECHNOLOGIES INC.</b>		<b>14,432</b>	<b>42,997</b>	<b>57,428</b>	<b>0</b>	<b>0</b>	<b>57,428</b>	<b>0</b>	<b>1,987,651</b>	<b>2,127,888</b>	<b>4,115,539</b>	<b>187</b>	<b>431,359</b>
<b>PITTSYLVANIA</b>	<b>ELKAY WOOD PRODUCTS COMPANY</b>						<b>2000 CANE CREEK PARKWAY</b>				<b>NAICS Code</b>	<b>33711</b>	
TOLUENE	N	2,963	8,890	11,853	0	0	11,853	0	0	0	0	0	2,800
XYLENE (MIXED ISOMERS)	N	9,989	29,967	39,956	0	0	39,956	0	0	0	0	0	8,691
<b>Total for Elkay Wood Products Company</b>		<b>12,952</b>	<b>38,857</b>	<b>51,809</b>	<b>0</b>	<b>0</b>	<b>51,809</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,491</b>
<b>PITTSYLVANIA</b>	<b>INTERTAPE POLYMER CORP</b>						<b>1101 EAGLE SPRINGS RD</b>				<b>NAICS Code</b>	<b>32611</b>	
TOLUENE	N	8,235	94,702	102,937	0	0	102,937	0	2,185,214	0	2,185,214	0	0
<b>Total for INTERTAPE POLYMER CORP</b>		<b>8,235</b>	<b>94,702</b>	<b>102,937</b>	<b>0</b>	<b>0</b>	<b>102,937</b>	<b>0</b>	<b>2,185,214</b>	<b>0</b>	<b>2,185,214</b>	<b>0</b>	<b>0</b>
<b>PITTSYLVANIA</b>	<b>JTI LEAF SERVICES (US) LLC</b>						<b>202 STINSON DRIVE</b>				<b>NAICS Code</b>	<b>31221</b>	
AMMONIA	N	1,087	4,413	5,500	0	0	5,500	0	0	0	0	1,276	1,276
NICOTINE AND SALTS	N	18,120	39,500	57,620	0	0	57,620	0	0	0	0	4,267	4,267
<b>Total for JTI Leaf Services (US) LLC</b>		<b>19,207</b>	<b>43,913</b>	<b>63,120</b>	<b>0</b>	<b>0</b>	<b>63,120</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,543</b>	<b>5,543</b>
<b>PITTSYLVANIA</b>	<b>SMITH MOUNTAIN INDUSTRIES</b>						<b>200 TOY LANE</b>				<b>NAICS Code</b>	<b>33999</b>	
DIISOCYANATES	Y	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for Smith Mountain Industries</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (40 reports)</b>		<b>88,960</b>	<b>223,384</b>	<b>312,344</b>	<b>0</b>	<b>0</b>	<b>312,344</b>	<b>0</b>	<b>5,472,865</b>	<b>2,526,038</b>	<b>7,998,903</b>	<b>5,744</b>	<b>1,201,903</b>
<b>PORTSMOUTH (CITY)</b>	<b>U.S. AMINES (PORTSMOUTH) LLC</b>						<b>3230 W NORFOLK RD</b>				<b>NAICS Code</b>	<b>32519</b>	
3-CHLORO-2-METHYL-1-PROPENE	Y	0	0	0	0	0	0	0	0	0	0	0	0

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name	form A*	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
ALLYL CHLORIDE	N	56	2	58	0	0	58	0	0	74	74	0	0
ALLYLAMINE	N	55	600	655	0	0	655	0	0	29,400	29,400	0	0
AMMONIA	N	15	0	15	0	0	15	0	0	0	0	2	1
Total for U.S. AMINES (Portsmouth) LLC		<b>126</b>	<b>602</b>	<b>728</b>	<b>0</b>	<b>0</b>	<b>728</b>	<b>0</b>	<b>0</b>	<b>29,474</b>	<b>29,474</b>	<b>2</b>	<b>1</b>
<b>PORTSMOUTH (CITY)</b>	<b>U.S. NAVY NORFOLK NAVAL SHIPYARD</b>						<b>INTERSECTION OF EFFINGHAM ST &amp; GEORGETOWN</b>				<b>NAICS Code</b>	<b>92811</b>	
N-BUTYL ALCOHOL	N	12,000	3,700	15,700	0	0	15,700	0	0	0	0	0	350
XYLENE (MIXED ISOMERS)	N	15,000	3,200	18,200	0	0	18,200	0	0	0	0	9	2,692
Total for U.S. NAVY NORFOLK NAVAL SHIPYARD		<b>27,000</b>	<b>6,900</b>	<b>33,900</b>	<b>0</b>	<b>0</b>	<b>33,900</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>3,042</b>
<b>PORTSMOUTH (CITY)</b>	<b>US NAVY DEFENSE FUEL SUPPORT POINT CRANEY ISLAND</b>						<b>4501 CEDAR LN BLDG 288</b>				<b>NAICS Code</b>	<b>92811</b>	
NAPHTHALENE	N	18	672	690	0	0	690	0	84,684	60	84,744	0	32,560
Total for US NAVY DEFENSE FUEL SUPPORT POI		<b>18</b>	<b>672</b>	<b>690</b>	<b>0</b>	<b>0</b>	<b>690</b>	<b>0</b>	<b>84,684</b>	<b>60</b>	<b>84,744</b>	<b>0</b>	<b>32,560</b>
<b>Total for Above County : (7 reports)</b>		<b>27,144</b>	<b>8,174</b>	<b>35,318</b>	<b>0</b>	<b>0</b>	<b>35,318</b>	<b>0</b>	<b>84,684</b>	<b>29,534</b>	<b>114,218</b>	<b>11</b>	<b>35,603</b>
<b>PRINCE EDWARD</b>	<b>CMC REBAR</b>						<b>300 SMI WAY</b>				<b>NAICS Code</b>	<b>33231</b>	
CHROMIUM COMPOUNDS (EXCEPT NICKEL COMPOUNDS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CMC REBAR		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (2 reports)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PRINCE GEORGE</b>	<b>METL-SPAN, A DIVISION OF NCI GROUP, INC.</b>						<b>6001 QUALITY WAY</b>				<b>NAICS Code</b>	<b>33231</b>	
DIISOCYANATES	N	1	0	1	0	0	1	0	0	0	0	0	0

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Chemical Name	form A*												
Total for METL-SPAN, A DIVISION OF NCI GROUP,		1	0	1	0	0	1	0	0	0	0	0	0
<b>Total for Above County : (1 record)</b>		<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PRINCE WILLIAM</b>	<b>MICRON TECHNOLOGY INC.</b>							<b>9600 GODWIN DR</b>				<b>NAICS Code</b>	<b>33441</b>
AMMONIA	N	500	8,900	9,400	0	0	9,400	0	0	0	0	43,000	43,000
HYDROGEN FLUORIDE	N	0	6,100	6,100	0	0	6,100	0	0	720,000	720,000	0	670
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	73,000	73,000
NITRIC ACID	N	0	70	70	0	0	70	0	0	73,000	73,000	0	670
OZONE	N	0	140	140	0	0	140	0	0	120,000	120,000	0	0
PROPYLENE	N	0	140	140	0	0	140	0	0	0	0	0	0
Total for MICRON TECHNOLOGY INC.		<b>500</b>	<b>15,350</b>	<b>15,850</b>	<b>0</b>	<b>0</b>	<b>15,850</b>	<b>0</b>	<b>0</b>	<b>913,000</b>	<b>913,000</b>	<b>116,000</b>	<b>117,340</b>
<b>PRINCE WILLIAM</b>	<b>POSSUM POINT POWER STATION</b>							<b>19000 POSSUM POINT RD</b>				<b>NAICS Code</b>	<b>22111</b>
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	N	0	107,000	107,000	0	22,300	129,300	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	N	0	3,180	3,180	0	0	3,180	0	0	0	0	0	0
Total for POSSUM POINT POWER STATION		<b>0</b>	<b>110,180</b>	<b>110,180</b>	<b>0</b>	<b>22,300</b>	<b>132,480</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PRINCE WILLIAM</b>	<b>QUARLES PETROLEUM INC. MANASSAS BULK PLANT</b>							<b>8001 WELLINGFORD DR</b>				<b>NAICS Code</b>	<b>42471</b>
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

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

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
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		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PRINCE WILLIAM</b>	<b>SAFETY-KLEEN SYSTEMS (205801)</b>						<b>11520 BALLS FORD RD</b>				<b>NAICS Code 56211</b>		
ETHYLENE GLYCOL	N	25	5	30	0	0	30	0	0	0	0	0	730,719
Total for SAFETY-KLEEN SYSTEMS (205801)		<b>25</b>	<b>5</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>730,719</b>
<b>PRINCE WILLIAM</b>	<b>U.S. MARINE CORPS BASE QUANTICO</b>						<b>3250 CATLIN AVE</b>				<b>NAICS Code 92811</b>		
1,2,4-TRIMETHYLBENZENE	N	11	2	13	0	0	13	0	0	0	0	0	0
BENZENE	N	150	29	179	0	0	179	0	0	0	0	0	0
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	0
METHYL TERT-BUTYL ETHER	N	84	190	274	0	0	274	0	0	0	0	0	0
N-HEXANE	N	25	570	595	0	0	595	0	0	0	0	0	0
NITRATE COMPOUNDS ****	N	0	0	0	0	34,200	34,200	0	0	0	0	0	0
TOLUENE	N	990	39	1,029	0	0	1,029	0	0	0	0	0	33
XYLENE (MIXED ISOMERS)	N	400	14	414	0	0	414	0	0	0	0	0	5
Total for U.S. MARINE CORPS BASE QUANTICO		<b>1,660</b>	<b>844</b>	<b>2,504</b>	<b>0</b>	<b>34,200</b>	<b>36,704</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>38</b>
<b>Total for Above County : (25 reports)</b>		<b>2,185</b>	<b>126,379</b>	<b>128,564</b>	<b>0</b>	<b>56,500</b>	<b>185,064</b>	<b>0</b>	<b>0</b>	<b>913,000</b>	<b>913,000</b>	<b>116,000</b>	<b>848,097</b>
<b>PULASKI</b>	<b>BONDCOTE CORP</b>						<b>509 BURGIS AVE</b>				<b>NAICS Code 31332</b>		
ANTIMONY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	3,944

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
BARIUM COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	2,588
CHROMIUM COMPOUNDS (EXCEPT	N	0	0	0	0	0	0	0	0	0	0	0	492
DIBUTYL PHTHALATE	N	0	0	0	0	0	0	0	0	0	0	0	4,806
Total for BONDNOTE CORP		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,830</b>
<b>PULASKI</b>	<b>CATERPILLAR GLOBAL MINING AMERICA</b>						<b>4041 WURNO ROAD</b>				<b>NAICS Code</b>	<b>33313</b>	
MANGANESE	N	10	0	10	0	0	10	0	0	0	0	0	0
Total for Caterpillar Global Mining America		<b>10</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PULASKI</b>	<b>CONN-WELD IND INC</b>						<b>NEW BERN RD STATE RD 682</b>				<b>NAICS Code</b>	<b>33313</b>	
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		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PULASKI</b>	<b>ELECTROPLATE-RITE CORP</b>						<b>5529 LEE HWY</b>				<b>NAICS Code</b>	<b>33281</b>	
ZINC COMPOUNDS	N	110	165	275	0	0	275	0	0	0	0	2	1
Total for ELECTROPLATE-RITE CORP		<b>110</b>	<b>165</b>	<b>275</b>	<b>0</b>	<b>0</b>	<b>275</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>
<b>PULASKI</b>	<b>JAMES HARDIE BUILDING PRODUCTS PULASKI</b>						<b>1000 JAMES HARDIE WAY</b>				<b>NAICS Code</b>	<b>32739</b>	
CHROMIUM COMPOUNDS (EXCEPT	N	0	0	0	0	0	0	0	0	0	0	0	346
COPPER	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	4
Total for JAMES HARDIE BUILDING PRODUCTS P		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350</b>
<b>PULASKI</b>	<b>MAR-BAL, INC.</b>						<b>5400 RESERVE WAY</b>				<b>NAICS Code</b>	<b>32619</b>	

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
STYRENE	N	1,715	0	1,715	0	0	1,715	0	0	0	0	0	1,769
Total for MAR-BAL, INC.		<b>1,715</b>	<b>0</b>	<b>1,715</b>	<b>0</b>	<b>0</b>	<b>1,715</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,769</b>
<b>PULASKI</b>	<b>TRIM SYSTEMS</b>							<b>320 NEWBERN RD</b>				<b>NAICS Code</b>	<b>33636</b>
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TRIM SYSTEMS		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PULASKI</b>	<b>VOLVO GROUP NORTH AMERICA, LLC</b>							<b>4881 COUGAR TRAIL ROAD</b>				<b>NAICS Code</b>	<b>33612</b>
DIISOCYANATES	N	0	11	11	0	0	11	0	0	0	0	3	1,651
ETHYLENE GLYCOL	N	1	20	21	0	0	21	0	0	22	22	0	18,464
METHANOL	N	376	2	378	0	0	378	0	0	1	1	0	895
Total for VOLVO GROUP NORTH AMERICA, LLC		<b>377</b>	<b>33</b>	<b>410</b>	<b>0</b>	<b>0</b>	<b>410</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>23</b>	<b>3</b>	<b>21,010</b>
<b>Total for Above County : (16 reports)</b>		<b>2,212</b>	<b>198</b>	<b>2,410</b>	<b>0</b>	<b>0</b>	<b>2,410</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>23</b>	<b>5</b>	<b>34,960</b>
<b>RADFORD (CITY)</b>	<b>GREDE-RADFORD, LLC</b>							<b>1701 WEST MAIN STREET</b>				<b>NAICS Code</b>	<b>33151</b>
COPPER COMPOUNDS	N	0	5	5	0	13	18	0	0	0	0	0	503
DIISOCYANATES	N	0	25	25	0	0	25	0	0	0	0	0	59
MANGANESE COMPOUNDS	N	0	37	37	0	0	37	0	0	0	0	0	95,304
NICKEL	N	0	2	2	0	0	2	0	0	0	0	0	225
PHENOL	N	87	101	188	0	0	188	0	0	0	0	0	285
ZINC COMPOUNDS	N	0	332	332	0	47	379	0	0	0	0	0	172
Total for Grede-Radford, LLC		<b>87</b>	<b>502</b>	<b>589</b>	<b>0</b>	<b>60</b>	<b>649</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>96,548</b>

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Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air (pounds)	Air (pounds)	Air (pounds)	(pounds)	(pounds)	On-Site Releases (pounds)	Recovery (pounds)	(pounds)	(pounds)	On-Site Management (pounds)	(pounds)	Off-Site Transfers ** (pounds)
<b>Total for Above County : (6 reports)</b>		<b>87</b>	<b>502</b>	<b>589</b>	<b>0</b>	<b>60</b>	<b>649</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>96,548</b>
<b>RICHMOND</b>	<b>MONDELEZ GLOBAL LLC</b>						<b>6002 S LABURNUM AVE</b>					<b>NAICS Code 31182</b>	
AMMONIA	N	0	115,880	115,880	0	0	115,880	0	0	0	0	0	0
<b>Total for Mondelez Global LLC</b>		<b>0</b>	<b>115,880</b>	<b>115,880</b>	<b>0</b>	<b>0</b>	<b>115,880</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>RICHMOND</b>	<b>WOOD PRESERVERS INC</b>						<b>15939 HISTORY LAND HWY</b>					<b>NAICS Code 32111</b>	
ARSENIC COMPOUNDS ****	N	0	0	0	0	1	1	0	0	0	0	0	0
CHROMIUM COMPOUNDS (EXCEPT ****)	N	0	0	0	0	1	1	0	0	0	0	0	0
COPPER COMPOUNDS ****	N	0	0	0	0	1	1	0	0	0	0	0	0
STYRENE	N	154	2,958	3,112	0	0	3,112	0	0	0	0	0	0
<b>Total for WOOD PRESERVERS INC</b>		<b>154</b>	<b>2,958</b>	<b>3,112</b>	<b>0</b>	<b>3</b>	<b>3,115</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (5 reports)</b>		<b>154</b>	<b>118,838</b>	<b>118,992</b>	<b>0</b>	<b>3</b>	<b>118,995</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>RICHMOND (CITY)</b>	<b>BELLEMEADE POWER STATION</b>						<b>1860 COMMERCE RD</b>					<b>NAICS Code 22111</b>	
AMMONIA	N	0	22,000	22,000	0	0	22,000	0	0	0	0	0	0
<b>Total for BELLEMEADE POWER STATION</b>		<b>0</b>	<b>22,000</b>	<b>22,000</b>	<b>0</b>	<b>0</b>	<b>22,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>RICHMOND (CITY)</b>	<b>CARPENTER CO RICHMOND PLANT</b>						<b>2400 JEFFERSON DAVIS HWY</b>					<b>NAICS Code 32615</b>	
1,3-PHENYLENEDIAMINE	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	66,829	
ETHYLENE GLYCOL	N	46	463	509	0	0	509	0	0	0	0	0	0
TOLUENE DIISOCYANATE (MIXED)	N	250	250	500	0	0	500	0	0	0	0	0	52,932

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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		
Facility Name/Address		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)
Chemical Name	form A*												
Total for CARPENTER CO RICHMOND PLANT		296	713	1,009	0	0	1,009	0	0	0	0	0	119,761
<b>RICHMOND (CITY)</b>	<b>LAND-O-SUN DAIRIES LLC (DBA PET DAIRY) RICHMOND</b>							<b>1505 ROBINHOOD RD</b>				<b>NAICS Code</b>	<b>31151</b>
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	61,500	61,500
NITRIC ACID	N	0	0	0	0	0	0	0	0	62,500	62,500	0	5
Total for LAND-O-SUN DAIRIES LLC (DBA PET DAI		0	0	0	0	0	0	0	0	62,500	62,500	61,500	61,505
<b>RICHMOND (CITY)</b>	<b>PHILIP MORRIS USA COMMERCE ROAD SITE</b>							<b>3601 COMMERCE RD</b>				<b>NAICS Code</b>	<b>31222</b>
AMMONIA	N	192	19,160	19,352	0	0	19,352	0	0	5,490	5,490	1,390	839
HYDROCHLORIC ACID (1995 AND	N	0	110,540	110,540	0	0	110,540	0	0	0	0	0	0
NICOTINE AND SALTS	N	125	12,480	12,605	0	0	12,605	0	0	116,300	116,300	47,290	127,346
Total for PHILIP MORRIS USA COMMERCE ROAD		317	142,180	142,497	0	0	142,497	0	0	121,790	121,790	48,680	128,185
<b>RICHMOND (CITY)</b>	<b>SAMPSON COATINGS INC.</b>							<b>301 HULL ST</b>				<b>NAICS Code</b>	<b>32551</b>
N-BUTYL ALCOHOL	N	699	0	699	0	0	699	0	0	0	0	0	88
TOLUENE	N	770	0	770	0	0	770	0	0	0	0	0	88
XYLENE (MIXED ISOMERS)	N	997	0	997	0	0	997	0	0	0	0	0	132
Total for SAMPSON COATINGS INC.		2,466	0	2,466	0	0	2,466	0	0	0	0	0	308
<b>RICHMOND (CITY)</b>	<b>SPRUANCE GENCO LLC</b>							<b>5001 COMMERCE RD</b>				<b>NAICS Code</b>	<b>22111</b>
HYDROCHLORIC ACID (1995 AND	N	0	41,333	41,333	0	0	41,333	0	0	397,849	397,849	0	0
HYDROGEN FLUORIDE	N	0	5,167	5,167	0	0	5,167	0	0	49,731	49,731	0	0
SULFURIC ACID - (1994 AND AFTER	N	44	172	216	0	0	216	0	0	136,743	136,743	0	0
ZINC COMPOUNDS	N	1	21	22	0	313	335	0	0	0	0	0	0

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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		
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
Total for SPRUANCE GENCO LLC		45	46,693	46,738	0	313	47,051	0	0	584,323	584,323	0	0
Total for Above County : (17 reports)		3,124	211,586	214,710	0	313	215,023	0	0	768,613	768,613	110,180	309,759
<b>ROANOKE</b>	<b>CHEMSOLV INC</b>							<b>1140 INDUSTRY AVE SE PO BOX 13847</b>				<b>NAICS Code</b>	<b>42469</b>
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	Y	0	0	0	0	0	0	0	0	0	0	0	0
BUTYL ACRYLATE	Y	0	0	0	0	0	0	0	0	0	0	0	0
CYCLOHEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
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	444	418	862	0	0	862	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
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	220	387	607	0	0	607	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		664	805	1,469	0	0	1,469	0	0	0	0	0	0
<b>ROANOKE</b>	<b>GRAHAM-WHITE MANUFACTURING CO.</b>							<b>1242 COLORADO ST</b>				<b>NAICS Code</b>	<b>33651</b>
COPPER	N	79	0	79	0	0	79	0	0	0	0	0	51,530

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
Total for GRAHAM-WHITE MANUFACTURING CO.		79	0	79	0	0	79	0	0	0	0	0	51,530
<b>ROANOKE</b>	<b>KIK (VIRGINIA) LLC</b>							<b>27 MILL LN</b>				<b>NAICS Code</b>	<b>32561</b>
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
<b>ROANOKE</b>	<b>KOPPERS INC. (ROANOKE, VA)</b>							<b>RT. 460</b>				<b>NAICS Code</b>	<b>32111</b>
CREOSOTE	N	1,900	4,100	6,000	0	1	6,001	0	2,000,000	50	2,000,050	0	44,000
Total for KOPPERS INC. (Roanoke, VA)		1,900	4,100	6,000	0	1	6,001	0	2,000,000	50	2,000,050	0	44,000
<b>ROANOKE</b>	<b>MARATHON PETROLEUM COMPANY - ROANOKE VA TERMINAL</b>							<b>5287 TERMINAL RD</b>				<b>NAICS Code</b>	<b>42471</b>
1,2,4-TRIMETHYLBENZENE	N	7	1	8	0	0	8	0	0	32,000	32,000	0	11,000
BENZENE	N	150	630	780	0	0	780	0	0	21,000	21,000	0	20
ETHYLBENZENE	N	22	71	93	0	0	93	0	0	13,000	13,000	0	71
NAPHTHALENE	N	0	7	7	0	0	7	0	0	3,200	3,200	0	48
N-HEXANE	N	260	1,100	1,360	0	0	1,360	0	0	16,000	16,000	0	26
TOLUENE	N	210	920	1,130	0	0	1,130	0	0	84,000	84,000	0	11
XYLENE (MIXED ISOMERS)	N	110	370	480	0	0	480	0	0	63,000	63,000	0	983
Total for MARATHON PETROLEUM COMPANY - R		759	3,099	3,858	0	0	3,858	0	0	232,200	232,200	0	12,159
<b>ROANOKE</b>	<b>MEDECO SECURITY LOCKS INC.</b>							<b>3625 ALLEGHENY DR</b>				<b>NAICS Code</b>	<b>33251</b>
COPPER COMPOUNDS	N	0	0	0	0	15	15	0	0	0	0	1	591,512
NICKEL COMPOUNDS	N	0	0	0	0	13	13	0	0	0	0	1	4,042
ZINC COMPOUNDS	N	0	1	1	0	14	15	0	0	0	0	1	323,647

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
Total for MEDECO SECURITY LOCKS INC.		0	1	1	0	42	43	0	0	0	0	4	919,201
<b>ROANOKE</b>	<b>MENNEL MILLING CO OF VIRGINIA</b>							<b>5185 BENOIS RD</b>				<b>NAICS Code</b>	<b>31121</b>
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
<b>ROANOKE</b>	<b>NEW MILLENNIUM BUILDING SYSTEMS</b>							<b>100 DIUGUIDS LANE</b>				<b>NAICS Code</b>	<b>33231</b>
MANGANESE	N	97	0	97	0	0	97	0	0	0	0	0	54,982
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	6,666
Total for NEW MILLENNIUM BUILDING SYSTEMS		97	0	97	0	0	97	0	0	0	0	0	61,648
<b>ROANOKE</b>	<b>NOBLE-MET LLC (DBA ACCELLENT)</b>							<b>200 S YORKSHIRE ST</b>				<b>NAICS Code</b>	<b>33299</b>
COPPER	N	0	0	0	0	0	0	0	0	0	0	1	29,245
NITRIC ACID	N	0	0	0	0	0	0	0	0	18,181	18,181	0	0
Total for Noble-Met LLC (dba Accellent)		0	0	0	0	0	0	0	0	18,181	18,181	1	29,245
<b>ROANOKE</b>	<b>NOVOZYMES BIOLOGICALS INC</b>							<b>420 KESLER MILL RD</b>				<b>NAICS Code</b>	<b>32541</b>
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	12	12
Total for NOVOZYMES BIOLOGICALS INC		0	0	0	0	0	0	0	0	0	0	12	12
<b>ROANOKE</b>	<b>SAFETY-KLEEN SYSTEMS (315501)</b>							<b>16090 STEWARTSVILLE RD</b>				<b>NAICS Code</b>	<b>56211</b>
ETHYLENE GLYCOL	N	30	29	59	0	0	59	0	0	0	0	0	1,067,782
Total for SAFETY-KLEEN SYSTEMS (315501)		30	29	59	0	0	59	0	0	0	0	0	1,067,782
<b>ROANOKE</b>	<b>SEMCO DUCTS &amp; ACOUSTICAL PRODUCTS INC</b>							<b>1967 BLUE HILLS DR NE</b>				<b>NAICS Code</b>	<b>33232</b>
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	5,578

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Facility Name/Address		Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name	form A*	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	15,027
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	6,508
Total for SEMCO DUCTS & ACOUSTICAL PRODUC		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27,113</b>
<b>ROANOKE TECTON PRODUCTS LLC</b>								<b>5415 CORPORATE CIR</b>				<b>NAICS Code 32619</b>	
STYRENE	N	672	282	954	0	0	954	0	0	26,164	26,164	0	1,279
Total for TECTON PRODUCTS LLC		<b>672</b>	<b>282</b>	<b>954</b>	<b>0</b>	<b>0</b>	<b>954</b>	<b>0</b>	<b>0</b>	<b>26,164</b>	<b>26,164</b>	<b>0</b>	<b>1,279</b>
<b>ROANOKE VIRGINIA TRANSFORMER CORP.</b>								<b>220 GLADE VIEW DR NE</b>				<b>NAICS Code 33531</b>	
XYLENE (MIXED ISOMERS)	N	4,716	4,205	8,921	0	0	8,921	0	0	0	0	0	0
Total for VIRGINIA TRANSFORMER CORP.		<b>4,716</b>	<b>4,205</b>	<b>8,921</b>	<b>0</b>	<b>0</b>	<b>8,921</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>ROANOKE YOKOHAMA TIRE CORPORATION</b>								<b>1500 INDIANA ST</b>				<b>NAICS Code 32621</b>	
COBALT COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	418
ZINC COMPOUNDS	N	5,538	0	5,538	0	0	5,538	0	0	0	0	86	32,996
Total for Yokohama Tire Corporation		<b>5,538</b>	<b>0</b>	<b>5,538</b>	<b>0</b>	<b>0</b>	<b>5,538</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>86</b>	<b>33,414</b>
<b>Total for Above County : (41 reports)</b>		<b>14,456</b>	<b>12,521</b>	<b>26,977</b>	<b>0</b>	<b>43</b>	<b>27,020</b>	<b>0</b>	<b>2,000,000</b>	<b>276,595</b>	<b>2,276,595</b>	<b>103</b>	<b>2,247,384</b>
<b>ROANOKE (CITY) AKZO NOBEL COATINGS INC</b>								<b>2837 ROANOKE AVE SW</b>				<b>NAICS Code 32551</b>	
1,2,4-TRIMETHYLBENZENE	N	265	0	265	0	0	265	0	649	0	649	0	3,407
ETHYLBENZENE	N	1,653	25	1,678	0	0	1,678	0	389	0	389	0	2,044
METHANOL	N	1,831	244	2,075	0	0	2,075	0	1,298	0	1,298	0	6,814
METHYL ISOBUTYL KETONE	N	597	0	597	0	0	597	0	649	0	649	0	3,407
N-BUTYL ALCOHOL	N	1,291	0	1,291	0	0	1,291	0	1,687	0	1,687	0	8,858

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Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
TOLUENE	N	2,486	98	2,584	0	0	2,584	0	2,726	0	2,726	0	14,309
XYLENE (MIXED ISOMERS)	N	6,974	49	7,023	0	0	7,023	0	4,024	0	4,024	0	21,124
<b>Total for AKZO NOBEL COATINGS INC</b>		<b>15,097</b>	<b>416</b>	<b>15,513</b>	<b>0</b>	<b>0</b>	<b>15,513</b>	<b>0</b>	<b>11,422</b>	<b>0</b>	<b>11,422</b>	<b>0</b>	<b>59,963</b>
<b>ROANOKE (CITY)</b>		<b>ASSOCIATED ASPHALT ROANOKE, LLC</b>						<b>2677 ROANOKE AVE SW</b>				<b>NAICS Code</b>	<b>42471</b>
METHANOL	Y	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for ASSOCIATED ASPHALT ROANOKE, LLC</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>ROANOKE (CITY)</b>		<b>FOOT LEVELERS INC.</b>						<b>518 POCAHONTAS AVE</b>				<b>NAICS Code</b>	<b>31621</b>
N-HEXANE	N	0	44,718	44,718	0	0	44,718	0	0	0	0	0	23
TOLUENE	N	0	14,059	14,059	0	0	14,059	0	0	0	0	1	151
<b>Total for Foot Levelers Inc.</b>		<b>0</b>	<b>58,777</b>	<b>58,777</b>	<b>0</b>	<b>0</b>	<b>58,777</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>174</b>
<b>ROANOKE (CITY)</b>		<b>STEEL DYNAMICS INC ROANOKE BAR DIV</b>						<b>102 WESTSIDE BLVD</b>				<b>NAICS Code</b>	<b>33111</b>
CHROMIUM COMPOUNDS (EXCEPT	N	1	35	36	0	1	37	0	0	0	0	0	38,517
MANGANESE COMPOUNDS	N	242	311	553	0	14	567	0	0	0	0	0	369,131
NICKEL COMPOUNDS	N	0	4	4	0	22	26	0	0	0	0	0	4,321
VANADIUM COMPOUNDS	N	0	4	4	0	0	4	0	0	0	0	0	7,351
ZINC COMPOUNDS	N	93	2,338	2,431	0	260	2,691	0	0	0	0	0	3,370,244
<b>Total for STEEL DYNAMICS INC ROANOKE BAR DI</b>		<b>336</b>	<b>2,691</b>	<b>3,027</b>	<b>0</b>	<b>297</b>	<b>3,324</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,789,564</b>
<b>Total for Above County : (15 reports)</b>		<b>15,433</b>	<b>61,884</b>	<b>77,317</b>	<b>0</b>	<b>297</b>	<b>77,614</b>	<b>0</b>	<b>11,422</b>	<b>0</b>	<b>11,422</b>	<b>1</b>	<b>3,849,701</b>
<b>ROCKBRIDGE</b>		<b>MODINE MANUFACTURING CO</b>						<b>1221 MAGNOLIA AVE</b>				<b>NAICS Code</b>	<b>33341</b>
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	16,214

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

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name	form A*	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
COPPER	N	5	19	23	0	0	23	0	0	0	0	0	15,073
Total for MODINE MANUFACTURING CO		<b>5</b>	<b>19</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31,287</b>
<b>ROCKBRIDGE</b>	<b>STELLA-JONES CORPORATION</b>						<b>9223 MAURY RIVER ROAD</b>				<b>NAICS Code</b>	<b>32111</b>	
CREOSOTE	N	4,065	2,461	6,526	0	0	6,526	0	0	0	0	0	10,518
Total for STELLA-JONES CORPORATION		<b>4,065</b>	<b>2,461</b>	<b>6,526</b>	<b>0</b>	<b>0</b>	<b>6,526</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,518</b>
Total for Above County : (3 reports)		<b>4,070</b>	<b>2,480</b>	<b>6,549</b>	<b>0</b>	<b>0</b>	<b>6,549</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>41,805</b>
<b>ROCKINGHAM</b>	<b>AIRDYE SOLUTIONS, LLC</b>						<b>1000 PLEASANT VALLEY RD</b>				<b>NAICS Code</b>	<b>32311</b>	
METHANOL	N	60	260	320	0	0	320	0	8,780	7,800	16,580	0	1,560
METHYL ISOBUTYL KETONE	N	100	160	260	0	0	260	0	1,940	4,720	6,660	0	960
Total for AIRDYE SOLUTIONS, LLC		<b>160</b>	<b>420</b>	<b>580</b>	<b>0</b>	<b>0</b>	<b>580</b>	<b>0</b>	<b>10,720</b>	<b>12,520</b>	<b>23,240</b>	<b>0</b>	<b>2,520</b>
<b>ROCKINGHAM</b>	<b>BRIDGEWATER PROCESSING PLANT FACILITY #08</b>						<b>100 QUALITY ST</b>				<b>NAICS Code</b>	<b>31161</b>	
AMMONIA	N	25,102	0	25,102	624	0	25,726	0	0	13,305	13,305	1,456	1,456
CERTAIN GLYCOL ETHERS	N	0	0	0	0	0	0	0	0	46,462	46,462	0	0
Total for BRIDGEWATER PROCESSING PLANT FA		<b>25,102</b>	<b>0</b>	<b>25,102</b>	<b>624</b>	<b>0</b>	<b>25,726</b>	<b>0</b>	<b>0</b>	<b>59,767</b>	<b>59,767</b>	<b>1,456</b>	<b>1,456</b>
<b>ROCKINGHAM</b>	<b>CARGILL MEAT SOLUTIONS INC</b>						<b>135 HUFFMAN DR</b>				<b>NAICS Code</b>	<b>31161</b>	
PERACETIC ACID	N	0	0	0	0	0	0	0	0	0	0	60	60
Total for CARGILL MEAT SOLUTIONS INC		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60</b>	<b>60</b>
<b>ROCKINGHAM</b>	<b>CARGILL TURKEY PRODUCTION LLC</b>						<b>1 KRATZER RD</b>				<b>NAICS Code</b>	<b>31111</b>	
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
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		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>ROCKINGHAM</b>	<b>MERCK SHARP &amp; DOHME CORP.</b>						<b>2778 SE SIDE HWY</b>				<b>NAICS Code 32541</b>		
ACETONITRILE	N	2,180	1,980	4,160	0	0	4,160	0	124,580	15,050	139,630	0	356,760
AMMONIA	N	4,420	2,960	7,380	0	440	7,820	0	0	3,550	3,550	0	0
CHLORINE	N	1	219	220	0	0	220	0	0	0	0	0	0
ETHYLENE GLYCOL	N	4	0	4	0	0	4	0	0	32,960	32,960	0	2
HYDRAZINE	N	0	1	1	0	0	1	0	0	1	1	0	126
HYDROCHLORIC ACID (1995 AND	N	250	2,700	2,950	0	0	2,950	0	0	219,770	219,770	0	30
METHANOL	N	6,890	4,050	10,940	0	1	10,941	0	48,580	191,720	240,300	0	607,350
NITRATE COMPOUNDS	N	0	0	0	0	1,940	1,940	0	0	182,930	182,930	0	0
Total for MERCK SHARP & DOHME CORP.		<b>13,745</b>	<b>11,910</b>	<b>25,655</b>	<b>0</b>	<b>2,381</b>	<b>28,036</b>	<b>0</b>	<b>173,160</b>	<b>645,981</b>	<b>819,141</b>	<b>0</b>	<b>964,268</b>
<b>ROCKINGHAM</b>	<b>MILLERCOORS - SHENANDOAH</b>						<b>5135 S EASTSIDE HWY</b>				<b>NAICS Code 31212</b>		
AMMONIA	N	59	173	232	4,508	1,177	5,917	0	0	0	0	0	0
FORMIC ACID	N	0	0	0	0	0	0	0	0	25,125	25,125	0	0
NITRATE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for MillerCoors - Shenandoah		<b>59</b>	<b>173</b>	<b>232</b>	<b>4,508</b>	<b>1,177</b>	<b>5,917</b>	<b>0</b>	<b>0</b>	<b>25,125</b>	<b>25,125</b>	<b>0</b>	<b>0</b>
<b>ROCKINGHAM</b>	<b>MONTEBELLO PACKAGING</b>						<b>812 N MAIN ST</b>				<b>NAICS Code 33243</b>		
XYLENE (MIXED ISOMERS)	N	250	4,381	4,631	0	0	4,631	0	0	6,973	6,973	0	247

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
Total for Montebello Packaging		250	4,381	4,631	0	0	4,631	0	0	6,973	6,973	0	247
<b>ROCKINGHAM</b>	<b>PILGRIM'S PRIDE CORP BROADWAY FACILITY</b>							<b>330 CO-OP DR</b>				<b>NAICS Code</b>	<b>31161</b>
AMMONIA	N	4,900	0	4,900	0	0	4,900	0	0	179	179	29,722	29,425
OZONE	N	250	250	500	0	0	500	0	0	39,783	39,783	0	0
Total for PILGRIM'S PRIDE CORP BROADWAY FA		<b>5,150</b>	<b>250</b>	<b>5,400</b>	<b>0</b>	<b>0</b>	<b>5,400</b>	<b>0</b>	<b>0</b>	<b>39,962</b>	<b>39,962</b>	<b>29,722</b>	<b>29,425</b>
<b>ROCKINGHAM</b>	<b>RR DONNELLEY</b>							<b>2347 KRATZER RD</b>				<b>NAICS Code</b>	<b>32311</b>
CERTAIN GLYCOL ETHERS	N	101,486	5,688	107,174	0	0	107,174	0	0	0	0	1,434	1,434
Total for RR DONNELLEY		<b>101,486</b>	<b>5,688</b>	<b>107,174</b>	<b>0</b>	<b>0</b>	<b>107,174</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,434</b>	<b>1,434</b>
<b>ROCKINGHAM</b>	<b>VALLEY PROTEINS INC LINVILLE FACILITY</b>							<b>6230 KRATZER RD</b>				<b>NAICS Code</b>	<b>31161</b>
CHLORINE	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VALLEY PROTEINS INC LINVILLE FACILI		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>ROCKINGHAM</b>	<b>VIRGINIA POULTRY GROWERS COOPERATIVE INC BROADWAY FEE</b>							<b>410 S MAIN ST</b>				<b>NAICS Code</b>	<b>31111</b>
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 VIRGINIA POULTRY GROWERS COOPER		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>ROCKINGHAM</b>	<b>VPGC LLC HINTON FACILITY</b>							<b>6349 RAWLEY PIKE HWY 33 WE</b>				<b>NAICS Code</b>	<b>31161</b>
NITRATE COMPOUNDS	N	0	0	0	0	71,965	71,965	0	0	658,271	658,271	0	0
Total for VPGC LLC HINTON FACILITY		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>71,965</b>	<b>71,965</b>	<b>0</b>	<b>0</b>	<b>658,271</b>	<b>658,271</b>	<b>0</b>	<b>0</b>
<b>ROCKINGHAM</b>	<b>WHITEWAVE FOODS MOUNT CRAWFORD</b>							<b>6364 S VALLEY PIKE</b>				<b>NAICS Code</b>	<b>31151</b>

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
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	224,270	224,270
NITRIC ACID	N	0	0	0	0	0	0	0	0	227,848	227,848	0	0
PERACETIC ACID	N	0	0	0	0	0	0	0	0	24,607	24,607	0	0
Total for WHITEWAVE FOODS MOUNT CRAWFO		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>252,455</b>	<b>252,455</b>	<b>224,270</b>	<b>224,270</b>
<b>Total for Above County : (32 reports)</b>		<b>145,952</b>	<b>22,822</b>	<b>168,774</b>	<b>5,132</b>	<b>75,523</b>	<b>249,429</b>	<b>0</b>	<b>183,880</b>	<b>1,701,054</b>	<b>1,884,934</b>	<b>256,942</b>	<b>1,223,680</b>
<b>RUSSELL</b>	<b>AMERICAN ELECTRIC POWER CLINCH RIVER PLANT</b>						<b>JUNCTION OF ST RTS 664 &amp; 665</b>				<b>NAICS Code 22111</b>		
AMMONIA ****	N	0	355	355	0	1,414	1,769	0	0	2,200,000	2,200,000	0	0
BARIUM COMPOUNDS ****	N	5	190	195	52,605	172	52,972	0	0	0	0	0	733
HYDROCHLORIC ACID (1995 AND	N	0	792,000	792,000	0	0	792,000	0	0	0	0	0	0
HYDROGEN FLUORIDE	N	0	57,200	57,200	0	0	57,200	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	45,200	45,200	0	0	45,200	0	0	290,000	290,000	0	0
VANADIUM COMPOUNDS	N	5	133	138	21,605	0	21,743	0	0	0	0	0	0
Total for AMERICAN ELECTRIC POWER CLINCH R		<b>10</b>	<b>895,078</b>	<b>895,088</b>	<b>74,210</b>	<b>1,586</b>	<b>970,884</b>	<b>0</b>	<b>0</b>	<b>2,490,000</b>	<b>2,490,000</b>	<b>0</b>	<b>733</b>
<b>Total for Above County : (6 reports)</b>		<b>10</b>	<b>895,078</b>	<b>895,088</b>	<b>74,210</b>	<b>1,586</b>	<b>970,884</b>	<b>0</b>	<b>0</b>	<b>2,490,000</b>	<b>2,490,000</b>	<b>0</b>	<b>733</b>
<b>SALEM (CITY)</b>	<b>GE DRIVES &amp; CONTROLS</b>						<b>1501 ROANOKE BLVD</b>				<b>NAICS Code 33531</b>		
COPPER	N	0	0	0	0	1	1	0	0	0	0	1	90,000
ETHYLENE GLYCOL	N	0	0	0	0	0	0	0	0	0	0	0	550
Total for GE DRIVES & CONTROLS		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>90,550</b>

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name	form A*	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
<b>SALEM (CITY)</b>		<b>NOVOZYMES BIOLOGICALS INC</b>						<b>528 CHAPMAN ST</b>				<b>NAICS Code</b>	<b>32541</b>
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	14	14
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	1	1
Total for NOVOZYMES BIOLOGICALS INC		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>15</b>
<b>Total for Above County : (4 reports)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>90,565</b>
<b>SCOTT</b>		<b>TEMPUR PRODUCTION USA INC.</b>						<b>203 TEMPURPEDIC DRIVE</b>				<b>NAICS Code</b>	<b>33791</b>
DIISOCYANATES	N	5	5	10	0	0	10	0	0	0	0	0	5,982
TOLUENE DIISOCYANATE (MIXED	N	5	5	10	0	0	10	0	0	0	0	0	893
Total for TEMPUR PRODUCTION USA INC.		<b>10</b>	<b>10</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,875</b>
<b>Total for Above County : (2 reports)</b>		<b>10</b>	<b>10</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,875</b>
<b>SHENANDOAH</b>		<b>GEORGE'S CHICKEN LLC</b>						<b>19992 SENEDO RD</b>				<b>NAICS Code</b>	<b>31161</b>
NITRATE COMPOUNDS	N	0	0	0	0	23,900	23,900	0	0	4,884,800	4,884,800	0	1,700
Total for GEORGE'S CHICKEN LLC		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23,900</b>	<b>23,900</b>	<b>0</b>	<b>0</b>	<b>4,884,800</b>	<b>4,884,800</b>	<b>0</b>	<b>1,700</b>
<b>SHENANDOAH</b>		<b>HOWELL METAL CO</b>						<b>574 DEPOT RD</b>				<b>NAICS Code</b>	<b>33142</b>
COPPER	N	0	26	26	0	0	26	0	10,437,290	0	10,437,290	0	246,804
Total for HOWELL METAL CO		<b>0</b>	<b>26</b>	<b>26</b>	<b>0</b>	<b>0</b>	<b>26</b>	<b>0</b>	<b>10,437,290</b>	<b>0</b>	<b>10,437,290</b>	<b>0</b>	<b>246,804</b>
<b>SHENANDOAH</b>		<b>IAC-STRASBURG,LLC</b>						<b>806 E QUEEN ST</b>				<b>NAICS Code</b>	<b>33636</b>
DIISOCYANATES	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for IAC-STRASBURG,LLC		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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# 2013 Toxics Release Inventory

Appendix F

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Facility Name/Address		Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name	form A*	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
<b>SHENANDOAH</b>	<b>MASCO CABINETRY</b>							<b>1325 INDUSTRIAL PARK RD</b>				<b>NAICS Code</b>	<b>33711</b>
ETHYLBENZENE	N	7	19,223	19,230	0	0	19,230	0	0	0	0	0	157
METHANOL	N	0	49,174	49,174	0	0	49,174	0	0	0	0	0	463
XYLENE (MIXED ISOMERS)	N	22	81,870	81,891	0	0	81,891	0	0	0	0	0	664
Total for MASCO Cabinetry		<b>28</b>	<b>150,267</b>	<b>150,296</b>	<b>0</b>	<b>0</b>	<b>150,296</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,284</b>
<b>SHENANDOAH</b>	<b>NEW MARKET POULTRY LLC</b>							<b>145 OLD EAST CROSS ROAD</b>				<b>NAICS Code</b>	<b>31161</b>
NITRATE COMPOUNDS	N	0	0	0	0	75,600	75,600	0	0	517,300	517,300	280	420
Total for New Market Poultry LLC		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75,600</b>	<b>75,600</b>	<b>0</b>	<b>0</b>	<b>517,300</b>	<b>517,300</b>	<b>280</b>	<b>420</b>
<b>SHENANDOAH</b>	<b>RR DONNELLEY STRASBURG DIV</b>							<b>ONE SHENANDOAH VALLEY DR</b>				<b>NAICS Code</b>	<b>32311</b>
CERTAIN GLYCOL ETHERS	N	3,760	40	3,800	0	0	3,800	0	0	8,515	8,515	102	94
ETHYLENE GLYCOL	N	7,550	20	7,570	0	0	7,570	0	581	4,000	4,581	51	231
Total for RR DONNELLEY STRASBURG DIV		<b>11,310</b>	<b>60</b>	<b>11,370</b>	<b>0</b>	<b>0</b>	<b>11,370</b>	<b>0</b>	<b>581</b>	<b>12,515</b>	<b>13,096</b>	<b>153</b>	<b>325</b>
<b>Total for Above County : (9 reports)</b>		<b>11,338</b>	<b>150,353</b>	<b>161,692</b>	<b>0</b>	<b>99,500</b>	<b>261,192</b>	<b>0</b>	<b>10,437,871</b>	<b>5,414,615</b>	<b>15,852,486</b>	<b>433</b>	<b>250,533</b>
<b>SMYTH</b>	<b>GENERAL SHALE BRICK INC PLANT 28</b>							<b>7164 LEE HWY</b>				<b>NAICS Code</b>	<b>32712</b>
MANGANESE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GENERAL SHALE BRICK INC PLANT 28		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SMYTH</b>	<b>ROYAL MOULDINGS LTD; MARION VIRGINIA</b>							<b>135 BEAR CREEK RD</b>				<b>NAICS Code</b>	<b>32619</b>
DI(2-ETHYLHEXYL) PHTHALATE	N	41	41	82	0	0	82	0	0	0	0	0	61,622
Total for ROYAL MOULDINGS LTD; MARION VIRGI		<b>41</b>	<b>41</b>	<b>82</b>	<b>0</b>	<b>0</b>	<b>82</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>61,622</b>

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name	form A*	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
<b>SMYTH</b>	<b>SUPERFLO INC.</b>							<b>4625 LEE HWY</b>				<b>NAICS Code</b>	<b>32599</b>
N-BUTYL ALCOHOL	N	501	0	501	0	5	506	0	0	0	0	0	0
Total for SuperFlo Inc.		<b>501</b>	<b>0</b>	<b>501</b>	<b>0</b>	<b>5</b>	<b>506</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SMYTH</b>	<b>UTILITY TRAILER MANUFACTURING CO</b>							<b>124 MOUNTAIN EMPIRE RD</b>				<b>NAICS Code</b>	<b>33621</b>
DIISOCYANATES	N	4	0	4	0	0	4	0	0	0	0	0	0
Total for UTILITY TRAILER MANUFACTURING CO		<b>4</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County : (4 reports)</b>		<b>546</b>	<b>41</b>	<b>587</b>	<b>0</b>	<b>5</b>	<b>592</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>61,622</b>
<b>SOUTHAMPTON</b>	<b>ARKEMA INC. FRANKLIN PLANT</b>							<b>27047 SHADY BROOK TRAIL</b>				<b>NAICS Code</b>	<b>32519</b>
TERT-BUTYL ALCOHOL	N	250	250	500	0	0	500	0	0	0	0	0	95,227
Total for Arkema Inc. Franklin Plant		<b>250</b>	<b>250</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>95,227</b>
<b>SOUTHAMPTON</b>	<b>ATLANTIC POLE &amp; PILING - NEWSOMS</b>							<b>21366 GENERAL THOMAS HWY</b>				<b>NAICS Code</b>	<b>32111</b>
ARSENIC COMPOUNDS	N	0	0	0	0	8	8	0	0	0	0	0	0
CHROMIUM COMPOUNDS (EXCEPT	N	0	0	0	0	34	34	0	0	0	0	0	0
COPPER COMPOUNDS	N	0	0	0	0	7	7	0	0	0	0	0	0
Total for Atlantic Pole & Piling - Newsoms		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>49</b>	<b>49</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SOUTHAMPTON</b>	<b>HERCULES INC</b>							<b>27123 SHADY BROOK TRAIL</b>				<b>NAICS Code</b>	<b>32519</b>
1,2-DICHLOROPROPANE	N	84,857	612	85,469	0	34	85,503	0	0	0	0	0	138
HYDROCHLORIC ACID (1995 AND	N	20,792	2,630	23,422	0	0	23,422	0	0	0	0	0	0
TRIETHYLAMINE	N	94,436	628	95,064	0	5	95,069	0	0	0	0	0	138

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Facility County/Independent City		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		
Facility Name/Address		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)
Chemical Name	form A*												
Total for HERCULES INC		200,085	3,870	203,955	0	39	203,994	0	0	0	0	0	276
<b>SOUTHAMPTON</b>	<b>SOUTHAMPTON POWER STATION</b>							<b>30134 GENERAL THOMAS HWY</b>				<b>NAICS Code</b>	<b>22111</b>
AMMONIA	N	0	31,200	31,200	0	0	31,200	0	0	0	0	0	0
Total for SOUTHAMPTON POWER STATION		0	31,200	31,200	0	0	31,200	0	0	0	0	0	0
<b>Total for Above County : (8 reports)</b>		<b>200,335</b>	<b>35,320</b>	<b>235,655</b>	<b>0</b>	<b>88</b>	<b>235,743</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>95,503</b>
<b>SPOTSYLVANIA</b>	<b>CMC REBAR</b>							<b>9434 CROSSROADS PKWY</b>				<b>NAICS Code</b>	<b>33231</b>
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
<b>SPOTSYLVANIA</b>	<b>RUFFIN CREEK PROPERTIES LLC</b>							<b>10229 TIDEWATER TRAIL</b>				<b>NAICS Code</b>	<b>32111</b>
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
<b>SPOTSYLVANIA</b>	<b>SPOTSYLVANIA PLANT</b>							<b>8520 INDIAN HILLS CT.</b>				<b>NAICS Code</b>	<b>32732</b>
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for Spotsylvania Plant		0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for Above County : (3 reports)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>STAFFORD</b>	<b>COLONIAL CIRCUITS INC.</b>							<b>1026 WARRENTON RD</b>				<b>NAICS Code</b>	<b>33441</b>
COPPER	N	0	0	0	0	0	0	0	0	0	0	7	1,705
Total for COLONIAL CIRCUITS INC.		0	0	0	0	0	0	0	0	0	0	7	1,705
<b>STAFFORD</b>	<b>MAPEI CORP</b>							<b>300 NELMS CIR</b>				<b>NAICS Code</b>	<b>32552</b>

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Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
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
<b>STAFFORD</b>	<b>STAFFORD PLANT</b>							<b>169 WYCHE RD</b>				<b>NAICS Code</b>	<b>32732</b>
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for Stafford Plant		0	0	0	0	0	0	0	0	0	0	0	0
<b>STAFFORD</b>	<b>W.R. GRACE &amp; CO. - CONN. GRACE CONSTRUCTION PRODUCTS</b>							<b>1101 INTERNATIONAL PKWY</b>				<b>NAICS Code</b>	<b>42469</b>
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for W.R. GRACE & CO. - CONN. GRACE CON		0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for Above County : (4 reports)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>1,705</b>
<b>SUFFOLK (CITY)</b>	<b>BASF CORP</b>							<b>2301 WILROY RD</b>				<b>NAICS Code</b>	<b>32519</b>
ACRYLAMIDE	N	55	14	69	0	0	69	0	0	21,885	21,885	585	2,387
ACRYLIC ACID	N	353	182	535	0	0	535	0	0	4,327	4,327	0	1,176
ACRYLONITRILE	N	342	1,354	1,696	0	0	1,696	0	0	12,675	12,675	6	95
AMMONIA	N	50	1,786	1,836	0	0	1,836	0	0	602	602	1,248	10,555
COPPER	N	0	0	0	0	0	0	0	0	0	0	47	3,044
ETHYL ACRYLATE	N	57	57	114	0	0	114	0	0	99	99	88	385
ETHYLENE GLYCOL	Y	0	0	0	0	0	0	0	0	0	0	0	0
METHANOL	N	617	4,117	4,734	0	0	4,734	0	4,121,390	37,721	4,159,111	6,522	25,586
Total for BASF CORP		<b>1,474</b>	<b>7,510</b>	<b>8,984</b>	<b>0</b>	<b>0</b>	<b>8,984</b>	<b>0</b>	<b>4,121,390</b>	<b>77,309</b>	<b>4,198,699</b>	<b>8,496</b>	<b>43,228</b>
<b>SUFFOLK (CITY)</b>	<b>CAMERON CHEMICAL INC.</b>							<b>830 OLD DILL RD.</b>				<b>NAICS Code</b>	<b>32531</b>

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
ETHYLENE GLYCOL	N	0	0	0	0	0	0	0	0	0	0	0	0
NAPHTHALENE	N	12	26	38	0	0	38	0	0	0	0	0	211
Total for U.S. NAVY NAVAL AIR STATION OCEANA		12	26	38	0	0	38	0	0	0	0	0	211
<b>Total for Above County : (7 reports)</b>		<b>66</b>	<b>3,383</b>	<b>3,449</b>	<b>0</b>	<b>5</b>	<b>3,454</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,057,657</b>
<b>WARREN</b>		<b>AXALTA COATING SYSTEMS, LLC - FRONT ROYAL PLANT</b>						<b>7961 WINCHESTER RD</b>				<b>NAICS Code</b>	<b>32551</b>
1,2,4-TRIMETHYLBENZENE	N	16	295	311	0	0	311	0	0	531	531	0	2,323
1,2-BUTYLENE OXIDE	N	277	299	576	0	0	576	0	0	0	0	0	0
BUTYL ACRYLATE	N	0	206	206	0	0	206	0	0	14	14	0	430
CERTAIN GLYCOL ETHERS	N	0	288	288	0	0	288	0	0	12	12	0	0
CUMENE	N	1	649	650	0	0	650	0	0	16	16	0	0
CYCLOHEXANOL	N	0	19	19	0	0	19	0	0	0	0	0	0
DIISOCYANATES	N	1	1	2	0	0	2	0	0	0	0	0	1,775
ETHYL ACRYLATE	N	0	272	272	0	0	272	0	0	0	0	0	430
ETHYLBENZENE	N	145	3,932	4,077	0	0	4,077	0	1,562,641	9,316	1,571,957	0	88,503
METHANOL	N	750	7,281	8,031	0	0	8,031	0	0	31,075	31,075	0	0
METHYL ACRYLATE	N	0	213	213	0	0	213	0	0	0	0	0	348
METHYL ISOBUTYL KETONE	N	195	690	885	0	0	885	0	0	6,042	6,042	0	84,499
METHYL METHACRYLATE	N	118	213	331	0	0	331	0	0	0	0	0	430
N-BUTYL ALCOHOL	N	0	195	195	0	0	195	0	0	236	236	0	0
N-METHYL-2-PYRROLIDONE	N	0	0	0	0	0	0	0	0	0	0	0	0

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# 2013 Toxics Release Inventory

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
PHTHALIC ANHYDRIDE	N	0	11	11	0	0	11	0	0	0	0	0	0
STYRENE	N	0	603	603	0	0	603	0	0	0	0	0	430
TOLUENE	N	980	11,110	12,090	0	0	12,090	0	4,394,929	51,173	4,446,102	0	700,216
VANADIUM COMPOUNDS	N	0	1	1	0	0	1	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	979	9,880	10,859	0	0	10,859	0	6,250,566	37,280	6,287,846	0	219,110
ZINC COMPOUNDS	N	0	15	15	0	0	15	0	0	0	0	0	0
Total for Axalta Coating Systems, LLC - Front Royal		<b>3,462</b>	<b>36,173</b>	<b>39,635</b>	<b>0</b>	<b>0</b>	<b>39,635</b>	<b>0</b>	<b>12,208,136</b>	<b>135,695</b>	<b>12,343,831</b>	<b>0</b>	<b>1,098,494</b>
<b>WARREN</b>	<b>QUARLES PETROLEUM INC. FRONT ROYAL BULK PLANT</b>						<b>195 COMMERCE AVE</b>				<b>NAICS Code</b>	<b>42471</b>	
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 ROY		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>WARREN</b>	<b>RPS COMPOSITES VIRGINIA, INC.</b>						<b>211 E 4TH ST</b>				<b>NAICS Code</b>	<b>32619</b>	
STYRENE	N	7,058	218	7,276	0	0	7,276	0	0	0	0	0	0
Total for RPS Composites Virginia, Inc.		<b>7,058</b>	<b>218</b>	<b>7,276</b>	<b>0</b>	<b>0</b>	<b>7,276</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>WARREN</b>	<b>TORAY PLASTICS INC</b>						<b>500 TORAY DR</b>				<b>NAICS Code</b>	<b>32615</b>	
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	144,923	0	144,923	0	9,077
SODIUM NITRITE	N	0	0	0	0	0	0	0	183,221	0	183,221	0	14,279
Total for TORAY PLASTICS INC		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>328,144</b>	<b>0</b>	<b>328,144</b>	<b>0</b>	<b>23,356</b>

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
<b>Total for Above County : (28 reports)</b>		<b>10,520</b>	<b>36,391</b>	<b>46,911</b>	<b>0</b>	<b>0</b>	<b>46,911</b>	<b>0</b>	<b>12,536,280</b>	<b>135,695</b>	<b>12,671,975</b>	<b>0</b>	<b>1,121,850</b>
<b>WASHINGTON</b>	<b>AGC FLAT GLASS NORTH AMERICA ABINGDON PLANT</b>							<b>18370 OAK PARK DR</b>				<b>NAICS Code</b>	<b>32721</b>
SILVER	N	5	5	10	0	0	10	0	0	0	0	0	11,653
<b>Total for AGC FLAT GLASS NORTH AMERICA ABI</b>		<b>5</b>	<b>5</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,653</b>
<b>WASHINGTON</b>	<b>APPALACHIAN PLASTICS INC.</b>							<b>34001 GLOVE DR</b>				<b>NAICS Code</b>	<b>32619</b>
METHYL METHACRYLATE	N	1,057	3,172	4,229	0	0	4,229	0	0	0	0	0	0
STYRENE	N	7,951	23,852	31,803	0	0	31,803	0	0	0	0	0	0
<b>Total for APPALACHIAN PLASTICS INC.</b>		<b>9,008</b>	<b>27,024</b>	<b>36,032</b>	<b>0</b>	<b>0</b>	<b>36,032</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>WASHINGTON</b>	<b>AZZ GALVANIZING-BRISTOL</b>							<b>14781 INDUSTRIAL PARK RD</b>				<b>NAICS Code</b>	<b>33281</b>
ZINC COMPOUNDS	N	803	0	803	0	109	912	0	0	0	0	0	31,572
<b>Total for AZZ Galvanizing-Bristol</b>		<b>803</b>	<b>0</b>	<b>803</b>	<b>0</b>	<b>109</b>	<b>912</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31,572</b>
<b>WASHINGTON</b>	<b>BRISTOL COMPRESSORS INTERNATIONAL INC</b>							<b>15185 INDUSTRIAL PARK RD</b>				<b>NAICS Code</b>	<b>33341</b>
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	75,405
<b>Total for BRISTOL COMPRESSORS INTERNATION</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75,405</b>
<b>WASHINGTON</b>	<b>HAPCO</b>							<b>26252 HILLMAN HIGHWAY</b>				<b>NAICS Code</b>	<b>33231</b>
ALUMINUM (FUME OR DUST)	N	3,810	7,620	11,430	0	0	11,430	0	0	0	0	0	38,100
ZINC (FUME OR DUST)	N	1,955	3,910	5,865	0	0	5,865	0	0	0	0	0	9,775
<b>Total for Hapco</b>		<b>5,765</b>	<b>11,530</b>	<b>17,295</b>	<b>0</b>	<b>0</b>	<b>17,295</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>47,875</b>
<b>WASHINGTON</b>	<b>HIRSCHFELD INDUSTRIES BRIDGE, LLC</b>							<b>15083 INDUSTRIAL PARK RD</b>				<b>NAICS Code</b>	<b>33231</b>

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Appendix F

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Facility Name/Address		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)
Chemical Name	form A*												
MANGANESE	N	0	2	2	0	0	2	0	0	0	0	0	38,360
Total for Hirschfeld Industries Bridge, LLC		0	2	2	0	0	2	0	0	0	0	0	38,360
<b>WASHINGTON</b>	<b>SANDVIK MINING &amp; CONSTRUCTION CO</b>						<b>15020 INDUSTRIAL PARK RD</b>				<b>NAICS Code</b>	<b>33299</b>	
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for SANDVIK MINING & CONSTRUCTION CO		0	0	0	0	0	0	0	0	0	0	0	0
<b>WASHINGTON</b>	<b>STEEL FAB A DIV. OF SAMUEL PRESSURE VESSEL GROUP (PLANT #</b>						<b>17074 LEE HWY</b>				<b>NAICS Code</b>	<b>33242</b>	
MANGANESE	N	2	0	2	0	0	2	0	0	0	0	0	13,242
Total for Steel Fab a Div. of Samuel Pressure Vessel		2	0	2	0	0	2	0	0	0	0	0	13,242
<b>WASHINGTON</b>	<b>STEEL FAB A DIV. OF SAMUEL PRESSURE VESSEL GROUP (PLANT #1</b>						<b>17403 LEE HWY</b>				<b>NAICS Code</b>	<b>33242</b>	
MANGANESE	N	16	0	16	0	0	16	0	0	0	0	0	822
Total for Steel Fab a Div. of Samuel Pressure Vessel		16	0	16	0	0	16	0	0	0	0	0	822
<b>WASHINGTON</b>	<b>ZENITH FUEL SYSTEMS LLC</b>						<b>14570 INDUSTRIAL PARK RD</b>				<b>NAICS Code</b>	<b>33631</b>	
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	20
Total for ZENITH FUEL SYSTEMS LLC		0	0	0	0	0	0	0	0	0	0	0	20
<b>Total for Above County : (12 reports)</b>		<b>15,599</b>	<b>38,561</b>	<b>54,160</b>	<b>0</b>	<b>109</b>	<b>54,269</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>218,950</b>
<b>WESTMORELAND</b>	<b>CARRY-ON TRAILER CORP</b>						<b>159 INDUSTRIAL PARK RD</b>				<b>NAICS Code</b>	<b>33621</b>	
1,2,4-TRIMETHYLBENZENE	N	0	6,816	6,816	0	0	6,816	0	0	8,860	8,860	0	887
CERTAIN GLYCOL ETHERS	N	0	5,115	5,115	0	0	5,115	0	0	7,536	7,536	0	797
MANGANESE	N	137	0	137	0	0	137	0	0	0	0	0	1,423

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Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name	form A*	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
NICKEL	N	4	0	4	0	0	4	0	0	0	0	0	330
Total for CARRY-ON TRAILER CORP		141	11,931	12,072	0	0	12,072	0	0	16,396	16,396	0	3,437
<b>WESTMORELAND POTOMAC SUPPLY LLC</b>								<b>1398 KINSALE RD</b>				<b>NAICS Code</b>	<b>32111</b>
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
METHANOL	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for POTOMAC SUPPLY LLC		0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for Above County : (6 reports)</b>		<b>141</b>	<b>11,931</b>	<b>12,072</b>	<b>0</b>	<b>0</b>	<b>12,072</b>	<b>0</b>	<b>0</b>	<b>16,396</b>	<b>16,396</b>	<b>0</b>	<b>3,437</b>
<b>WINCHESTER (CITY) FEDERAL-MOGUL CORPORATION</b>								<b>2410 PAPERMILL RD</b>				<b>NAICS Code</b>	<b>33634</b>
ALUMINUM OXIDE (FIBROUS FOR	N	9	9	18	2,629	0	2,647	0	0	0	0	0	709
COPPER	N	7	7	14	2,118	0	2,132	0	0	0	0	0	570
PHENOL	N	12	12	23	3,452	0	3,475	0	0	0	0	0	930
ZINC (FUME OR DUST)	N	5	5	10	1,406	0	1,416	0	0	0	0	0	378
ZINC COMPOUNDS	N	5	5	10	1,519	0	1,529	0	0	0	0	0	409
Total for FEDERAL-MOGUL CORPORATION		38	38	75	11,123	0	11,199	0	0	0	0	0	2,997
<b>WINCHESTER (CITY) O'SULLIVAN FILMS INC.</b>								<b>1944 VALLEY AVE</b>				<b>NAICS Code</b>	<b>32611</b>
ANTIMONY COMPOUNDS	N	8	46	54	0	0	54	0	0	0	0	0	0
BARIUM COMPOUNDS	N	9	49	58	0	0	58	0	0	0	0	0	2
CYCLOHEXANE	N	118	452	570	0	0	570	0	0	24,596	24,596	0	104
DI(2-ETHYLHEXYL) PHTHALATE	N	74	417	491	0	0	491	0	0	0	0	0	0
ETHYLBENZENE	N	0	267	267	0	0	267	0	0	19,800	19,800	0	46

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

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
METHYL ISOBUTYL KETONE	N	31	3,224	3,255	0	0	3,255	0	9,429	201,461	210,890	0	476
N,N-DIMETHYLFORMAMIDE	N	0	3,880	3,880	0	0	3,880	0	233	295,219	295,452	0	774
N-METHYL-2-PYRROLIDONE	N	510	9,689	10,199	0	0	10,199	0	0	1,451	1,451	0	285
TOLUENE	N	0	6,614	6,615	0	0	6,615	0	2,142	513,300	515,442	0	1,798
XYLENE (MIXED ISOMERS)	N	118	1,893	2,011	0	0	2,011	0	1,257	130,174	131,431	0	394
ZINC COMPOUNDS	N	14	82	96	0	0	96	0	0	0	0	0	54
Total for O'SULLIVAN FILMS INC.		<b>882</b>	<b>26,614</b>	<b>27,496</b>	<b>0</b>	<b>0</b>	<b>27,496</b>	<b>0</b>	<b>13,061</b>	<b>1,186,001</b>	<b>1,199,062</b>	<b>0</b>	<b>3,933</b>
<b>Total for Above County : (16 reports)</b>		<b>920</b>	<b>26,651</b>	<b>27,571</b>	<b>11,123</b>	<b>0</b>	<b>38,695</b>	<b>0</b>	<b>13,061</b>	<b>1,186,001</b>	<b>1,199,062</b>	<b>0</b>	<b>6,930</b>

WISE	VIRGINIA CITY HYBRID ENERGY CENTER						3425 RUSSELL CREEK ROAD				NAICS Code	22111	
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	N	0	12,800	12,800	0	0	12,800	0	0	0	0	4	2
ARSENIC COMPOUNDS	N	0	6	6	37,700	0	37,706	0	0	0	0	0	0
BARIUM COMPOUNDS	N	0	29	29	356,000	0	356,029	0	0	0	0	1	1
CHROMIUM COMPOUNDS (EXCEPT	N	0	32	32	65,400	0	65,432	0	0	0	0	0	0
COBALT COMPOUNDS	N	0	16	16	22,600	0	22,616	0	0	0	0	0	0
COPPER COMPOUNDS	N	0	9	9	72,800	0	72,809	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	7,760	7,760	0	0	7,760	0	0	2,720,000	2,720,000	0	0
HYDROGEN FLUORIDE	N	0	2,060	2,060	0	0	2,060	0	0	339,000	339,000	0	0
MANGANESE COMPOUNDS	N	0	352	352	118,000	0	118,352	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0

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# 2013 Toxics Release Inventory

Appendix F

Facility County/Independent City		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	
Facility Name/Address		Fugitive	Stack	Total	Land	Water	Total	Energy	Recycling	Treatment	Total	POTW	Total Other
Chemical Name	form A*	Air	Air	Air	(pounds)	(pounds)	On-Site	Recovery	(pounds)	(pounds)	On-Site	(pounds)	Off-Site
		(pounds)	(pounds)	(pounds)			Releases	(pounds)			Management		Transfers **
							(pounds)				(pounds)		(pounds)
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL COMPOUNDS	N	0	44	44	64,700	0	64,744	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	5,910	5,910	0	0	5,910	0	0	821,000	821,000	0	0
VANADIUM COMPOUNDS	N	0	0	0	137,000	0	137,000	0	0	0	0	0	0
ZINC COMPOUNDS	N	0	73	73	86,500	0	86,573	0	0	0	0	0	0
<b>Total for VIRGINIA CITY HYBRID ENERGY CENTE</b>		<b>0</b>	<b>29,091</b>	<b>29,091</b>	<b>1960,700</b>	<b>0</b>	<b>989,791</b>	<b>0</b>	<b>0</b>	<b>3,880,000</b>	<b>3,880,000</b>	<b>5</b>	<b>3</b>
<b>Total for Above County : (16 reports)</b>		<b>0</b>	<b>29,091</b>	<b>29,091</b>	<b>1960,700</b>	<b>0</b>	<b>989,791</b>	<b>0</b>	<b>0</b>	<b>3,880,000</b>	<b>3,880,000</b>	<b>5</b>	<b>3</b>
<b>WYTHE</b>													
<b>HUTCHINSON SEALING SYSTEMS INC</b>													
<b>1150 S THIRD ST</b>													
<b>ZINC COMPOUNDS</b>	N	30	992	1,022	0	0	1,022	0	0	0	0	0	18,945
<b>Total for HUTCHINSON SEALING SYSTEMS INC</b>		<b>30</b>	<b>992</b>	<b>1,022</b>	<b>0</b>	<b>0</b>	<b>1,022</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,945</b>
<b>Total for Above County : (1 record)</b>		<b>30</b>	<b>992</b>	<b>1,022</b>	<b>0</b>	<b>0</b>	<b>1,022</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,945</b>
<b>YORK</b>													
<b>DOMINION RESOURCES INC YORKTOWN POWER STATION</b>													
<b>1600 WATERVIEW RD</b>													
<b>1,2,4-TRIMETHYLBENZENE</b>	Y	0	0	0	0	0	0	0	0	0	0	0	0
<b>BARIUM COMPOUNDS</b>	N	0	14	14	25,700	24,900	50,614	0	0	0	0	1	66
<b>HYDROCHLORIC ACID (1995 AND</b>	N	0	420,000	420,000	0	0	420,000	0	0	0	0	0	0
<b>HYDROGEN FLUORIDE</b>	N	0	52,000	52,000	0	0	52,000	0	0	0	0	0	0
<b>NAPHTHALENE</b>	Y	0	0	0	0	0	0	0	0	0	0	0	0
<b>N-HEXANE</b>	Y	0	0	0	0	0	0	0	0	0	0	0	0
<b>SULFURIC ACID - (1994 AND AFTER</b>	N	0	61,900	61,900	0	0	61,900	0	0	195,000	195,000	0	0
<b>VANADIUM COMPOUNDS</b>	N	0	167	167	17,500	0	17,667	0	0	0	0	0	4,180

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# 2013 Toxics Release Inventory

Facility County/Independent City		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	
Facility Name/Address		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)
Chemical Name	form A*												
Total for DOMINION RESOURCES INC YORKTOW		0	534,081	534,081	43,200	24,900	602,181	0	0	195,000	195,000	1	4,246
<b>YORK</b>	<b>EATON CORPORATION - WILLIAMSBURG MANUFACTURING</b>							<b>149 WARWICK COURT</b>				<b>NAICS Code</b>	<b>33599</b>
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	19,300
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	12,000
Total for Eaton Corporation - Williamsburg Manufact		0	0	0	0	0	0	0	0	0	0	0	31,300
<b>YORK</b>	<b>US NAVY DEFENSE FUEL SUPPORT POINT YORKTOWN FUELS</b>							<b>YORKTOWN FUEL TERMINAL</b>				<b>NAICS Code</b>	<b>92811</b>
NAPHTHALENE	N	12	82	95	0	0	95	0	0	0	0	0	0
Total for US NAVY DEFENSE FUEL SUPPORT POI		12	82	95	0	0	95	0	0	0	0	0	0
<b>Total for Above County : (11 reports)</b>		<b>12</b>	<b>534,163</b>	<b>534,176</b>	<b>43,200</b>	<b>24,900</b>	<b>602,276</b>	<b>0</b>	<b>0</b>	<b>195,000</b>	<b>195,000</b>	<b>1</b>	<b>35,546</b>

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