EPA United States Environmental Protection Agency

Envirofacts

FRS Facility Detail Report

FRS

M & G POLYMERS USA, LLC, APPLE GROVE

STATE RT 2
APPLE GROVE, WV 25502
EPA Registry Id: 110000585956

Facilty Registry Service Links

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Legend

- ★ Selected Facility
- ☐ EPA Facility of Interest
- ☐ State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	System Facility Name	Information System Id/Report Link	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
EMISSION INVENTORY SYSTEM (EIS)	M&G POLYMERS USA, LLC	4782711	HAZARDOUS AIR POLLUTANT MAJOR	EIS		
AIR FACILITY SYSTEM	M & G POLYMERS USA, LLC	5405300054	AIR MAJOR (OPERATING)	AIRS/AFS	09/12/2014	
ICIS-AIR (AIR)	M & G POLYMERS USA, LLC, APPLE GROVE	WV00005300054	AIR MAJOR	ICIS	04/01/2015	
INTEGRATED COMPLIANCE INFORMATION SYSTEM	M&G POLYMERS USA LLC	3600207523	ENFORCEMENT/COMPLIANCE ACTIVITY	ICIS	10/03/2016	
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION INFORMATION SYSTEM	M & G POLYMERS USA, LLC	983386328	OSHA ESTABLISHMENT	OSHA-OIS		
TOXIC RELEASE INVENTORY SYSTEM	M&G POLYMERS USA LLC	25502GDYRTSTRT2	TRI REPORTER	TRIS	06/26/2017	
EMISSION INVENTORY SYSTEM (EIS)	M&G POLYMERS USA, LLC	4782711	AIR EMISSIONS CLASSIFICATION UNKNOWN	EIS	01/14/2017	
TOXIC SUBSTANCES CONTROL ACT	M&G POLYMERS USA, LLC - HEADQUARTERS AND PLANT	200002805	TSCA SUBMITTER	TSCA		
NATIONAL EMISSIONS INVENTORY	M&G POLYMERS USA, LLC	NEI43309	CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	NEI		
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	M&G POLYMERS USA LLC	WVD005005475	SQG (Y)	RCRAINFO	10/03/2016	ICIS-ENFORCEMENT/COMPLIANCE ACTIVITY
ELECTRONIC GREENHOUSE GAS REPORTING TOOL (E-GGRT)	M&G POLYMERS USA LLC	1000793	GREENHOUSE GAS REPORTER	E-GGRT	01/17/2014	
COMPLIANCE AND EMISSIONS DATA REPORTING INTERFACE	M&G POLYMERS USA LLC	CEDRI79143	COMPLIANCE AND EMISSIONS REPORTING	CEDRI	01/07/2016	
MARITIME TRANSPORTATION SECURITY ACT	M & G POLYMERS USA, LLC	241326	MTSA REPORTER	MTSA		

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Facility Coordinates Viewer Environmental Justice Map Viewer Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description	Primary

AIRS/AFS	2821	PLASTICS MATERIALS, SYNTHETIC RESINS, AND NONVULCANIZABLE ELASTOMERS
NEI	2821	PLASTICS MATERIALS, SYNTHETIC RESINS, AND NONVULCANIZABLE ELASTOMERS
NEI	2869	INDUSTRIAL ORGANIC CHEMICALS, NOT ELSEWHERE CLASSIFIED
AIR	2821	PLASTICS MATERIALS, SYNTHETIC RESINS, AND NONVULCANIZABLE ELASTOMERS
ICIS	2821	PLASTICS MATERIALS, SYNTHETIC RESINS, AND NONVULCANIZABLE ELASTOMERS

Facility Codes and Flags

EPA Region:	03
Duns Number:	
Congressional District Number:	03
Legislative District Number:	
HUC Code/Watershed:	05090101 / RACCOON-SYMMES
US Mexico Border Indicator:	
Federal Facility:	NO
Tribal Land:	

Alternative Names

Alternative Name	Source of Data
SHELL POLYESTERS LLC	NOTIFICATION (RCRA)
M&G POLYMERS USA, LLC - HEADQUARTERS AND PLANT	TSCA
SHELL CHEMICAL COMPANY	TRI REPORTING FORM
M&G POLYMERS USA LLC	TRI REPORTING FORM
M&G POLYERS USA L.L.C.	TRI REPORTING FORM
M&G POLYMERS USA LLC	FRS

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
PARENT COMPANY	M&G FINANZIARIA INDUSTRIALE SPA		E-GGRT	View
PARENT COMPANY	M&G FINANZIARIA INDUSTRIALE SPA		TRIS	
PARENT COMPANY	M&G FINANZIARIA INDUSTRIALE SPA		E-GGRT	
OWNER	M&G POLYMERS USA, LLC		TSCA	
PARENT COMPANY	M&G FINANZIARIA INDUSTRIALE SPA		E-GGRT	View

ICIS	424690	OTHER CHEMICAL AND ALLIED PRODUCTS MERCHANT WHOLESALERS.
NEI	325	
AIR	325211	PLASTICS MATERIAL AND RESIN MANUFACTURING.
OSHA-OIS	325211	PLASTICS MATERIAL AND RESIN MANUFACTURING.
RCRAINFO	325211	PLASTICS MATERIAL AND RESIN MANUFACTURING.
E-GGRT	325211	PLASTICS MATERIAL AND RESIN MANUFACTURING.
TRIS	325211	PLASTICS MATERIAL AND RESIN MANUFACTURING.
EIS	326199	ALL OTHER PLASTICS PRODUCT MANUFACTURING.
AIRS/AFS	325211	PLASTICS MATERIAL AND RESIN MANUFACTURING.
NEI	325211	PLASTICS MATERIAL AND RESIN MANUFACTURING.

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
PARENT COMPANY	STATE ROUTE 2	APPLE GROVE	WV	25502	E-GGRT
FACILITY MAILING ADDRESS	POLYMER TECHNOLOGY CTR - 6951 RIDGE RD, PO BOX 590	SHARON CENTER	OH	44274	TSCA
MAILING ADDRESS	STATE RT 2	APPLE GROVE	WV	25502	TRIS
MAILING ADDRESS	PO BOX 8	APPLE GROVE	WV	25502	TRIS
PARENT COMPANY	STATE RT. 2	APPLE GROVE	WV	25502	E-GGRT
MAILING ADDRESS	PO BOX 8	APPLE GROVE	WV	25502	CEDRI
REGULATORY CONTACT	STATE ROUTE 2	APPLE GROVE	WV	25502	RCRAINFO
FACILITY MAILING ADDRESS	PO BOX 8	APPLE GROVE	WV	25502	RCRAINFO

Contacts

Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
REGULATORY CONTACT	SCOTT B WHITWER	304-576-4589	RCRAINFO	View
PUBLIC CONTACT	JEFF FOWLER	3045764529	TRIS	
TECHNICAL CONTACT	SCOTT B. WHITWER	3045764589	TRIS	

Query executed on: DEC-26-2017

Additional information for CERCLIS or TRI sites:

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EXIT EPA

EPA United States Environmental Protection Agency

TRI Envirofacts Report

Query executed on DEC-26-2017.
Results are based on data extracted on SEP-13-2017

Click on "View Facility Information" to view EPA Facility information for the facility.

Facility Name:	M&G POLYMERS USA LLC	Mailing Name:	M&G POLYMERS USA LLC
Address:	STATE RT 2 APPLE GROVE WV 25502	Mailing Address:	PO BOX 8 APPLE GROVE WV 25502
County:	MASON	Region:	3
Facility Information:	View Facility Information	TRI ID:	25502GDYRTSTRT2
DUNS Number:	160712522	FRS ID	110000585956
TRI Preferred Latitude:	38.666667	TRI Preferred Longitude:	82.183333
Public Contact:	JEFF FOWLER	Phone:	3045764529
Assigned Public Contact:	JEFF FOWLER		
Parent Company:	M & G CHEMICALS SA	Standardized Parent Company:	M & G CHEMICALS SA
BIA Tribal Code:		Tribe:	

Parent DUNS: NA

Starting with Reporting Year 2006, TRI Facilities began reporting NAICS codes, instead of SIC codes, to identify their Primary Business Activities.

NAICS Codes for 2016

NAICS CODE	PRIMARY	NAICS DESCRIPTION
325211	YES	Plastics Material and Resin Manufacturing

The above information comes from 2016, which was the last year NAICS code data was reported for this facility. The earliest NAICS code data on file for this facility was reported in 1987.

Industry Code for 2016

INDUSTRY CODE	INDUSTRY DESCRIPTION
325	Chemicals

Map this facility

Map this facility using one of Envirofact's mapping utilities.

Besides TRI, this facility also does the following:

- has reported air releases under the Clean Air Act
- has reported greenhouse gas (GHG) data
- handles hazardous waste

More information about these additional regulatory aspects of this facility can be found by pressing the other regulatory data button below.

Other Regulatory Data

Total Aggregate Releases of TRI Chemicals to the Environment:

For all releases estimated as a range, the mid-point of the range was used in these calculations. This table summarizes the releases reported by the facility. ***NR*** *- signifies nothing reported by this facility for the corresponding medium.*

Total Aggregate Releases of TRI Chemicals excluding Dioxin and Dioxin-like Compounds
(Measured in Pounds)

Media	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1
Air Emissions	44823.96	40900.24	42873.08	38541	41043	40351	41248	38774	35486	42787	44777	73034	82950	182566	173092	176673	215573	531438	665014	10
Surface Water Discharges	33524	23936	32022	32711	43007	15853	3673	3737	2570	0	2734	1553	1847	2751	11648	5979	56852	72202	42529	
Releases to Land	NR	NR	0	0	0	0	0	0	0	NR	51072	31374	71767	640075	NR	630	666	NR	NR	
Underground																				

Injection	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0	0	NR	NR	NR	NR	NR	NR	NR	
Total On-Site Releases	78347.96	64836.24	74895.08	71252	84050	56204	44921	42511	38056	42787	98583	105961	156564	825392	184740	183282	273091	603640	707543	11(
Transfer Off-Site to Disposal	177	172	172	156	166	158	957	837	824	NR	562	562	NR	672	672	625	661	NR	NR	
Total Releases	78524.96	65008.24	75067.08	71408	84216	56362	45878	43348	38880	42787	99145	106523	156564	826064	185412	183907	273752	603640	707543	11(

Graphic Summary of this Table

Total Aggregate Releases of Dioxin and Dioxin-like Compounds
(Measured in Grams)

Media	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	199(
Air Emissions	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Surface Water Discharges	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Releases to Land	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Underground Injection	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Total On-Site Releases	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Transfer Off-Site to Disposal	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Total Releases	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

Graphic Summary of this Table

TRI Chemicals Reported on Form A:

The facility has certified that for each chemical listed below, the annual release did not exeed 500 pounds for the reporting year listed and the listed chemical was not manufactured, processed, or otherwise used in an amount exceeding 1 million pounds in the reporting year. Form A can not be filed for PBT chemicals (except certain instances of reporting lead in stainless steel, brass, or bronze alloys).

Chemical Name	TRI Chemical ID	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2(
1,4-DIOXANE	000123911	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Reported	Not Rep
ALLYL ALCOHOL	000107186	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Reported	Reported	Rep
AMMONIA	007664417	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Rep
ANTIMONY COMPOUNDS	N010	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Reported	Not Reported	Not Reported	Reported	Not Reported	Not Rep
COBALT COMPOUNDS	N096	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Reported	Rep
METHANOL	000067561	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Reported	Reported	Rep
PHOSPHORIC ACID	007664382	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Rep

NOTE:
All chemicals reported below have release or transfer amounts greater than zero. To see a list of all chemicals reported by this facility click here.

Names and Amounts of Chemicals Released to the Environment by Year.

For all releases estimated as a range, the mid-point of the range was used in these calculations. ***NR*** *- signifies nothing reported for this facility by the corresponding medium. Rows with all "0" or "NR" values were not listed.*

Chemical Name	Media	Unit Of Measure	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000
1,4-DIOXANE (TRI Chemical ID: 000123911)	AIR FUG	Pounds	814.72	1153.67	1388.42	1310	1255	1188	1270	1183	NR	NR	0	0	NR	NR	0	0	(
1,4-DIOXANE																			

(TRI Chemical ID: 000123911)	AIR STACK	Pounds	3.24	1.57	1.66	1	2	2	2	1	NR	NR	406	535	507	NR	1735	2127	212
1,4-DIOXANE (TRI Chemical ID: 000123911)	WATER	Pounds	31161	21533	26962	26743	38500	14221	0	0	NR	NR	343	168	1515	NR	982	901	5572
ACETALDEHYDE (TRI Chemical ID: 000075070)	AIR FUG	Pounds	0	0	22	0	0	0	0	0	12	12	13	13	13	19	20	19	1
ACETALDEHYDE (TRI Chemical ID: 000075070)	AIR STACK	Pounds	8222	7658	7673	6929	7685	7480	7718	7018	7060	6688	7617	6567	14579	27886	23237	25470	7238
ACETALDEHYDE (TRI Chemical ID: 000075070)	WATER	Pounds	1340	359	3657	2983	1400	93	0	0	0	0	0	0	0	0	0	0	(
ALLYL ALCOHOL (TRI Chemical ID: 000107186)	AIR STACK	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
AMMONIA (TRI Chemical ID: 007664417)	AIR FUG	Pounds	59	59	59	59	59	59	59	59	0	NR	71	88	589	589	587	686	14
AMMONIA (TRI Chemical ID: 007664417)	WATER	Pounds	1023	2044	1403	1124	1874	1539	3673	3737	2570	NR	2391	1385	332	2751	4568	1351	112
ANTIMONY (TRI Chemical ID: 007440360)	AIR FUG	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ANTIMONY (TRI Chemical ID: 007440360)	DISP NON METALS	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ANTIMONY (TRI Chemical ID: 007440360)	LANDF8795	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ANTIMONY (TRI Chemical ID: 007440360)	SURF IMP	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	AIR FUG	Pounds	0	0	0	0	0	0	0	0	0	NR	5	4	NR	7	6	6	5
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	AIR STACK	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0	0	0	5
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	DISP NON METALS	Pounds	177	172	172	156	166	158	957	837	824	NR	562	562	NR	672	672	625	661
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	LANDF8795	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	OTH LANDF	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	625	661
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	SI 5.5.3B	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	5	5	NR	6	NR	NR	NR
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	SURF IMP	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	5	5
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	WATER	Pounds	0	NR	NR	0	0	0	0	0	0	NR	0	0	NR	0	0	0	(
CERTAIN GLYCOL ETHERS (TRI Chemical ID: N230)	AIR FUG	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CERTAIN GLYCOL ETHERS (TRI Chemical ID: N230)	AIR STACK	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

CERTAIN GLYCOL ETHERS (TRI Chemical ID: N230)	WATER	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CHLORINE (TRI Chemical ID: 007782505)	AIR FUG	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
COBALT (TRI Chemical ID: 007440484)	AIR STACK	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
COBALT (TRI Chemical ID: 007440484)	DISP NON METALS	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
COBALT (TRI Chemical ID: 007440484)	LANDF8795	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
COBALT (TRI Chemical ID: 007440484)	SURF IMP	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
COBALT COMPOUNDS (TRI Chemical ID: N096)	AIR FUG	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
COBALT COMPOUNDS (TRI Chemical ID: N096)	AIR STACK	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
COBALT COMPOUNDS (TRI Chemical ID: N096)	DISP NON METALS	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
COBALT COMPOUNDS (TRI Chemical ID: N096)	LANDF8795	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
COBALT COMPOUNDS (TRI Chemical ID: N096)	OTH LANDF	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
COBALT COMPOUNDS (TRI Chemical ID: N096)	SURF IMP	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
COBALT COMPOUNDS (TRI Chemical ID: N096)	WATER	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	AIR FUG	Pounds	14698	12907	14582	12906	12906	12906	12906	12907	12111	18596	20346	25044	38640	124776	104523	120576	90447
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	AIR STACK	Pounds	21027	19121	19147	17336	19136	18716	19293	17606	16303	17491	16319	40783	27629	29289	42984	27789	50442
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	SI 5.5.3B	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	51067	31369	71767	640069	NR	NR	NR
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	WATER	Pounds	0	0	0	1861	1233	0	0	0	0	0	0	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY) (TRI Chemical ID: 007647010)	AIR FUG	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	993	NR	NR	NR	NR
METHANOL (TRI Chemical ID: 000067561)	AIR FUG	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
METHANOL (TRI Chemical ID: 000067561)	AIR STACK	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
NITRATE																			

COMPOUNDS (TRI Chemical ID: N511)	WATER	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	6098	3727	NR
PHOSPHORIC ACID (TRI Chemical ID: 007664382)	AIR FUG	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
PHTHALIC ANHYDRIDE (TRI Chemical ID: 000085449)	AIR FUG	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
PHTHALIC ANHYDRIDE (TRI Chemical ID: 000085449)	DISP NON METALS	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
PHTHALIC ANHYDRIDE (TRI Chemical ID: 000085449)	OTH DISP	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SODIUM HYDROXIDE (SOLUTION) (TRI Chemical ID: 001310732)	AIR FUG	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SULFURIC ACID (1994 AND AFTER "ACID AEROSOLS" ONLY) (TRI Chemical ID: 007664939)	AIR FUG	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
TEREPHTHALIC ACID (TRI Chemical ID: 000100210)	AIR FUG	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
TEREPHTHALIC ACID (TRI Chemical ID: 000100210)	AIR STACK	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
TEREPHTHALIC ACID (TRI Chemical ID: 000100210)	DISP NON METALS	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
TEREPHTHALIC ACID (TRI Chemical ID: 000100210)	SURF IMP	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

Discharge of Chemicals into Streams or Bodies of Water:

For all releases estimated as a range, the mid-point of the range was used in these calculations. Rows with Release Amount equal to "0" were not listed.

Chemical Name	Year	Unit Of Measure	Release Amount	Stream Or Body of Water	REACH Code
1,4-DIOXANE (TRI Chemical ID: 000123911)	2016	Pounds	31161	OHIO RIVER	05090101000058
1,4-DIOXANE (TRI Chemical ID: 000123911)	2015	Pounds	21533	OHIO RIVER	05090101000059
1,4-DIOXANE (TRI Chemical ID: 000123911)	2014	Pounds	26962	OHIO RIVER	05090101000059
1,4-DIOXANE (TRI Chemical ID: 000123911)	2013	Pounds	26743	OHIO RIVER	
1,4-DIOXANE (TRI Chemical ID: 000123911)	2012	Pounds	38500	OHIO RIVER	
1,4-DIOXANE (TRI Chemical ID: 000123911)	2011	Pounds	14221	OHIO RIVER	
1,4-DIOXANE (TRI Chemical ID: 000123911)	2006	Pounds	343	OHIO RIVER	
1,4-DIOXANE (TRI Chemical ID: 000123911)	2005	Pounds	168	OHIO RIVER	
1,4-DIOXANE (TRI Chemical ID: 000123911)	2004	Pounds	1515	OHIO RIVER	
1,4-DIOXANE (TRI Chemical ID: 000123911)	2002	Pounds	982	OHIO RIVER	
1,4-DIOXANE (TRI Chemical ID: 000123911)	2001	Pounds	901	OHIO RIVER	

1,4-DIOXANE (TRI Chemical ID: 000123911)	2000	Pounds	55724	OHIO RIVER	
1,4-DIOXANE (TRI Chemical ID: 000123911)	1999	Pounds	55737	OHIO RIVER	
ACETALDEHYDE (TRI Chemical ID: 000075070)	2016	Pounds	1340	OHIO RIVER	05090101000058
ACETALDEHYDE (TRI Chemical ID: 000075070)	2015	Pounds	359	OHIO RIVER	05090101000059
ACETALDEHYDE (TRI Chemical ID: 000075070)	2014	Pounds	3657	OHIO RIVER	05090101000059
ACETALDEHYDE (TRI Chemical ID: 000075070)	2013	Pounds	2983	OHIO RIVER	
ACETALDEHYDE (TRI Chemical ID: 000075070)	2012	Pounds	1400	OHIO RIVER	
ACETALDEHYDE (TRI Chemical ID: 000075070)	2011	Pounds	93	OHIO RIVER	
ACETALDEHYDE (TRI Chemical ID: 000075070)	1996	Pounds	3713	OHIO RIVER	
ACETALDEHYDE (TRI Chemical ID: 000075070)	1995	Pounds	2558	OHIO RIVER	
AMMONIA (TRI Chemical ID: 007664417)	2016	Pounds	1023	OHIO RIVER	05090101000058
AMMONIA (TRI Chemical ID: 007664417)	2015	Pounds	2044	OHIO RIVER	05090101000058
AMMONIA (TRI Chemical ID: 007664417)	2014	Pounds	1403	OHIO RIVER	05090101000058
AMMONIA (TRI Chemical ID: 007664417)	2013	Pounds	1124	OHIO RIVER	
AMMONIA (TRI Chemical ID: 007664417)	2012	Pounds	1874	OHIO RIVER	
AMMONIA (TRI Chemical ID: 007664417)	2011	Pounds	1539	OHIO RIVER	
AMMONIA (TRI Chemical ID: 007664417)	2010	Pounds	3673	OHIO RIVER	
AMMONIA (TRI Chemical ID: 007664417)	2009	Pounds	3737	OHIO RIVER	
AMMONIA (TRI Chemical ID: 007664417)	2008	Pounds	2570	OHIO RIVER	
AMMONIA (TRI Chemical ID: 007664417)	2006	Pounds	2391	OHIO RIVER	
AMMONIA (TRI Chemical ID: 007664417)	2005	Pounds	1385	OHIO RIVER	
AMMONIA (TRI Chemical ID: 007664417)	2004	Pounds	332	OHIO RIVER	
AMMONIA (TRI Chemical ID: 007664417)	2003	Pounds	2751	OHIO RIVER	
AMMONIA (TRI Chemical ID: 007664417)	2002	Pounds	4568	OHIO RIVER	
AMMONIA (TRI Chemical ID: 007664417)	2001	Pounds	1351	OHIO RIVER	
AMMONIA (TRI Chemical ID: 007664417)	2000	Pounds	1128	OHIO RIVER	
AMMONIA (TRI Chemical ID: 007664417)	1999	Pounds	1985	OHIO RIVER	
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	1997	Pounds	624	OHIO RIVER	
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	1996	Pounds	723	OHIO RIVER	
CERTAIN GLYCOL ETHERS (TRI Chemical ID: N230)	1989	Pounds	1300	OHIO RIVER	
CERTAIN GLYCOL ETHERS (TRI Chemical ID: N230)	1988	Pounds	1100	OHIO RIVER	
CERTAIN GLYCOL ETHERS (TRI Chemical ID: N230)	1987	Pounds	1000	OHIO RIVER	
COBALT COMPOUNDS (TRI Chemical ID: N096)	1996	Pounds	34	OHIO RIVER	
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	2013	Pounds	1861	OHIO RIVER	
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	2012	Pounds	1233	OHIO RIVER	
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	1996	Pounds	114932	OHIO RIVER	
ETHYLENE GLYCOL					

(TRI Chemical ID: 000107211)	1995	Pounds	79187	OHIO RIVER	
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	1994	Pounds	5035	OHIO RIVER	
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	1993	Pounds	503	OHIO RIVER	
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	1992	Pounds	15721	OHIO RIVER	
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	1991	Pounds	23087	OHIO RIVER	
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	1990	Pounds	135000	OHIO RIVER	
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	1989	Pounds	127000	OHIO RIVER	
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	1988	Pounds	110000	OHIO RIVER	
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	1987	Pounds	100000	OHIO RIVER	
NITRATE COMPOUNDS (TRI Chemical ID: N511)	2002	Pounds	6098	OHIO RIVER	
NITRATE COMPOUNDS (TRI Chemical ID: N511)	2001	Pounds	3727	OHIO RIVER	
NITRATE COMPOUNDS (TRI Chemical ID: N511)	1999	Pounds	14480	OHIO RIVER	
NITRATE COMPOUNDS (TRI Chemical ID: N511)	1998	Pounds	42529	OHIO RIVER	
NITRATE COMPOUNDS (TRI Chemical ID: N511)	1997	Pounds	91091	OHIO RIVER	
NITRATE COMPOUNDS (TRI Chemical ID: N511)	1996	Pounds	26116	OHIO RIVER	
NITRATE COMPOUNDS (TRI Chemical ID: N511)	1995	Pounds	24752	OHIO RIVER	

Transfer of Chemicals to Off-Site Locations other than POTWs:

For all releases estimated as a range, the mid-point of the range was used in these calculations. Rows with Total Transfer Amount equal to "0" were not listed.

Chemical Name	Year	Unit Of Measure	Total Transfer Amount	Transfer Site Name and Address	Type Of Waste Management
ANTIMONY (TRI Chemical ID: 007440360)	1994	Pounds	429	RURAL SANITATION P.O. BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2016	Pounds	8	BEECH HOLLOW LANDFILL * 28 AW LONG ROAD WELLSTON, OH 45692	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2016	Pounds	169	GREEN VALLEY LANDFILL 100 ADDINGTON ROAD ASHLAND, KY 41102	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2015	Pounds	8	BEECH HOLLOW LANDFILL * 28 AW LONG ROAD WELLSTON, OH 45692	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2015	Pounds	164	GREEN VALLEY LANDFILL 100 ADDINGTON ROAD ASHLAND, KY 41102	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2014	Pounds	8	BEECH HOLLOW LANDFILL * 28 AW LONG ROAD WELLSTON, OH 45692	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2014	Pounds	164	GREEN VALLEY LANDFILL 100 ADDINGTON ROAD ASHLAND, KY 41102	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2013	Pounds	7	BEECH HOLLOW LANDFILL * 28 AW LONG ROAD WELLSTON, OH 45692	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2013	Pounds	149	GREEN VALLEY LANDFILL 100 ADDINGTON ROAD ASHLAND, KY 41102	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2012	Pounds	8	BEECH HOLLOW LANDFILL * 28 AW LONG ROAD WELLSTON, OH 456929799	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2012	Pounds	158	GREEN VALLEY LANDFILL 100 ADDINGTON ROAD ASHLAND, KY 41102	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2011	Pounds	7	BEECH HOLLOW LANDFILL 26 AW LONG ROAD WELLSTON, OH 45692	Other Landfills

ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2011	Pounds	151	GREEN VALLEY LANDFILL 100 ADDINGTON ROAD ASHLAND, KY 41102	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2010	Pounds	8	BEECH HOLLOW LANDFILL 26 AW LONG ROAD WELLSTON, OH 45692	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2010	Pounds	949	GREEN VALLEY LANDFILL 100 ADDINGTON ROAD ASHLAND, KY 41102	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2009	Pounds	7	BEECH HOLLOW LANDFILL 26 AW LONG ROAD WELLSTON, OH 45692	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2009	Pounds	830	GREEN VALLEY LANDFILL 100 ADDINGTON ROAD ASHLAND, KY 41102	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2008	Pounds	5	BEECH HOLLOW LANDFILL 26 AW LONG ROAD WELLSTON, OH 45692	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2008	Pounds	819	GREEN VALLEY LANDFILL 100 ADDINGTON ROAD ASHLAND, KY 41102	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2006	Pounds	562	GREEN VALLEY LANDFILL 100 ADDINGTON ROAD ASHLAND, KY 41102	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2005	Pounds	562	GREEN VALLEY LANDFILL 100 ADDINGTON ROAD ASHLAND, KY 41102	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2003	Pounds	672	GREEN VALLEY LANDFILL 100 ADDINGTON ROAD ASHLAND, KY 41102	Other Landfills
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2002	Pounds	672	GREEN VALLEY LANDFILL 100 ADDINGTON ROAD ASHLAND, KY 41102	Storage Only
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2001	Pounds	625	GREEN VALLEY ENVIRONMENTAL P.O. BOX 9 RUSH, KY 41168	Storage Only
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	2000	Pounds	661	GREEN VALLEY ENVIRONMENTAL P.O. BOX 9 RUSH, KY 41168	Storage Only
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	1997	Pounds	483	RURAL SANITATION P.O. BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	1996	Pounds	633	RURAL SANITATION P.O. BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	1995	Pounds	628	RURAL SANITATION P.O. BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	1993	Pounds	328	RURAL SANITATION P.O. BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	1992	Pounds	209	RURAL SANITATION P.O. BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	1991	Pounds	74	DISPOSAL SERVICES INC. P.O. BOX 448 HURRICANE, WV 25526	Landfill/Disposal Surface Impoundment
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	1991	Pounds	74	RURAL SANITATION P.O. BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	1990	Pounds	250	RURAL SANITATION PO BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	1989	Pounds	250	RURAL SANITATION PO BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
ANTIMONY COMPOUNDS (TRI Chemical ID: N010)	1988	Pounds	250	RURAL SANITATION P O BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
COBALT (TRI Chemical ID: 007440484)	1994	Pounds	28	RURAL SANITATION P.O. BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
COBALT COMPOUNDS (TRI Chemical ID: N096)	1996	Pounds	24	RURAL SANITATION P.O. BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
COBALT COMPOUNDS				RURAL SANITATION	Landfill/Disposal Surface

(TRI Chemical ID: N096)	1995	Pounds	25	P.O. BOX 67 ASHTON, WV 25503	Impoundment
COBALT COMPOUNDS (TRI Chemical ID: N096)	1993	Pounds	23	RURAL SANITATION P.O. BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
COBALT COMPOUNDS (TRI Chemical ID: N096)	1992	Pounds	5	RURAL SANITATION P.O. BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
COBALT COMPOUNDS (TRI Chemical ID: N096)	1991	Pounds	21	DISPOSAL SERVICES INC. P.O. BOX 448 HURRICANE, WV 25526	Landfill/Disposal Surface Impoundment
COBALT COMPOUNDS (TRI Chemical ID: N096)	1991	Pounds	21	RURAL SANITATION P.O. BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
COBALT COMPOUNDS (TRI Chemical ID: N096)	1990	Pounds	250	RURAL SANITATION PO BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
COBALT COMPOUNDS (TRI Chemical ID: N096)	1989	Pounds	250	RURAL SANITATION P.O. BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	2016	Pounds	5254052	UNION CARBIDE CORP SOUTH CHARLESTON FACILITY 437 MACCORKLE AVENUE SOUTH CHARLESTON, WV 25303	Other Reuse or Recovery
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	2015	Pounds	3211291	UNION CARBIDE CORP SOUTH CHARLESTON FACILITY 437 MACCORKLE AVENUE SOUTH CHARLESTON, WV 25303	Other Reuse or Recovery
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	2014	Pounds	3560073	UNION CARBIDE CORP SOUTH CHARLESTON FACILITY 437 MACCORKLE AVENUE SOUTH CHARLESTON, WV 25303	Other Reuse or Recovery
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	2013	Pounds	2972386	UNION CARBIDE CORP SOUTH CHARLESTON FACILITY 437 MACCORKLE AVENUE SOUTH CHARLESTON, WV 25303	Other Reuse or Recovery
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	2012	Pounds	3149219	UNION CARBIDE CORP SOUTH CHARLESTON FACILITY 437 MACCORKLE AVENUE SOUTH CHARLESTON, WV 25303	Other Reuse or Recovery
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	2011	Pounds	4390990	DOW CHEMICAL ROUTE 60 SOUTH CHARLESTON, WV 25303	Other Reuse or Recovery
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	2010	Pounds	2943078	DOW CHEMICAL ROUTE 60 SOUTH CHARLESTON, WV 25303	Other Reuse or Recovery
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	2009	Pounds	3052171	DOW CHEMICAL ROUTE 60 SOUTH CHARLESTON, WV 25303	Other Reuse or Recovery
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	2008	Pounds	4008752	DOW CHEMICAL ROUTE 60 SOUTH CHARLESTON, WV 25303	Other Reuse or Recovery
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	2007	Pounds	3306384	DOW CHEMICAL ROUTE 60 SOUTH CHARLESTON, WV 25303	Other Reuse or Recovery
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	2006	Pounds	4200750	DOW CHEMICAL ROUTE 60 SOUTH CHARLESTON, WV 25303	Other Reuse or Recovery
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	2005	Pounds	4019059	DOW CHEMICAL ROUTE 60 SOUTH CHARLESTON, WV 25303	Other Reuse or Recovery
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	1997	Pounds	524482	RESEARCH OIL 2655 TRANSPORT RD. CLEVELAND, OH 44115	Wastewater Treatment (Excluding POTW)
ETHYLENE GLYCOL (TRI Chemical ID: 000107211)	1992	Pounds	5652120	UNION CARBIDE CORP.	Solvents/Organics Recovery
METHANOL (TRI Chemical ID: 000067561)	1995	Pounds	419954	RESEARCH OIL CO. 2655 TRANSPORT RD. CLEVELAND, OH 44115	Solvents/Organics Recovery
METHANOL (TRI Chemical ID: 000067561)	1994	Pounds	945756	RESEARCH OIL CO. 2655 TRANSPORT RD. CLEVELAND, OH 44115	Solvents/Organics Recovery
METHANOL (TRI Chemical ID: 000067561)	1993	Pounds	41599	ECOFLO INC. 2750 PATTERSON ST. GREENSBORO, NC 27401	Energy Recovery
METHANOL				RESEARCH OIL	

(TRI Chemical ID: 000067561)	1993	Pounds	1845681	2655 TRANSPORT RD. CLEVELAND, OH 44115	Energy Recovery
METHANOL (TRI Chemical ID: 000067561)	1993	Pounds	242999	SYSTECH ENVIRONMENTAL CORP. COUNTY RD. 176 PAULDING, OH 45879	Energy Recovery
METHANOL (TRI Chemical ID: 000067561)	1993	Pounds	42599	SYSTECH ENVIRONMENTAL CORP. S. CEMENT RD. FREDONIA, KS 66736	Energy Recovery
METHANOL (TRI Chemical ID: 000067561)	1992	Pounds	733029	SYSTECH ENVIRONMENTAL CORP. COUNTY RD. 176 PAULDING, OH 45879	Energy Recovery
METHANOL (TRI Chemical ID: 000067561)	1992	Pounds	11763	SYSTECH ENVIRONMENTAL CORP. P.O. BOX 1097 ARCOLA RD. DEMOPOLIS, OH 36732	Energy Recovery
METHANOL (TRI Chemical ID: 000067561)	1992	Pounds	26304	SYSTECH ENVIRONMENTAL CORP. S. CEMENT RD. FREDONIA, KS 66736	Energy Recovery
METHANOL (TRI Chemical ID: 000067561)	1991	Pounds	161680	SYSTECH CORP. COUNTRY RD. 176 PAULDING, OH 45879	Energy Recovery
METHANOL (TRI Chemical ID: 000067561)	1991	Pounds	268540	SYSTECH CORP. LIMEDALE RD. GREENCASTLE, IN 46135	Energy Recovery
PHTHALIC ANHYDRIDE (TRI Chemical ID: 000085449)	1989	Pounds	250	RURAL SANITATION P.O. BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
TEREPHTHALIC ACID (TRI Chemical ID: 000100210)	1989	Pounds	96000	RURAL SANITATION PO BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
TEREPHTHALIC ACID (TRI Chemical ID: 000100210)	1988	Pounds	110000	RURAL SANITATION P O BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment
TEREPHTHALIC ACID (TRI Chemical ID: 000100210)	1987	Pounds	100000	RURALK SANITATION P O BOX 67 ASHTON, WV 25503	Landfill/Disposal Surface Impoundment

Summary of Waste Management Activites

Please note that chemical amounts shown here are not included in Total Aggregate Releases shown above.

Summary of Waste Management Activites excluding Dioxin and Dioxin-like Compounds (Measured in Pounds)

Year	On-Site Recycling	Off-Site Recycling	On-Site Energy Recovery	Off-Site Energy Recovery	On-Site Treatment	Off-Site Treatment	Total Amount
2015	0	3211291	0	0	3599580	0	6810871
2016	0	5252248	0	0	4787819	0	10040067
2017 (Projected)	0	7200000	0	0	5795000	0	12995000
2018 (Projected)	0	7200000	0	0	5795000	0	12995000

Summary of Waste Management Activites for Dioxin and Dioxin-like Compounds (Measured in Grams)

This facility did not report any waste management activites for Dioxin and Dioxin-like Compounds.

Chemicals Under Waste Management:

Please note that chemical amounts shown here are not included in the Total Aggregate Releases shown above. Transfers to Publicly Owned Treatment Works are listed on a seperate table.

Chemical Name	Year	Unit Of Measure	On-Site Recycling	Off-Site Recycling	On-Site Energy Recovery	Off-Site Energy Recovery	On-Site Treated	Off-Site Treated	Total Amount
1,4-DIOXANE	2015	Pounds	0	0	0	0	67681	0	67681
	2016	Pounds	0	0	0	0	88095	0	88095
	2017 (Projected)	Pounds	0	0	0	0	95000	0	95000
	2018 (Projected)	Pounds	0	0	0	0	95000	0	95000
ACETALDEHYDE	2015	Pounds	0	0	0	0	917700	0	917700
	2016	Pounds	0	0	0	0	1612815	0	1612815
	2017 (Projected)	Pounds	0	0	0	0	2300000	0	2300000
	2018 (Projected)	Pounds	0	0	0	0	2300000	0	2300000
ETHYLENE GLYCOL	2015	Pounds	0	3211291	0	0	2614199	0	5825490
	2016	Pounds	0	5252248	0	0	3086909	0	8339157

	2017 (Projected)	Pounds	0	7200000	0	0	3400000	0	10600000
	2018 (Projected)	Pounds	0	7200000	0	0	3400000	0	10600000

Publicly Owned Treatment Works (POTW) that Chemicals were Transferred to in 2011 and after:

This facility did not transfer any chemicals to a Publicly Owned Treatment Works (POTW) in 2011 and after.

Publicly Owned Treatment Works (POTW) that Chemicals were Transferred to PRIOR to 2011:

This facility did not transfer any chemicals to a Publicly Owned Treatment Works (POTW) PRIOR to 2011.

Non Production Releases:

This report shows the quantities of the chemicals released to the environment by reporting year as a result of remedial actions, catastrophic events, or other one-time events not associated with production processes. Chemicals with zero release amounts are not shown.

Chemical Name	Reporting Year	Unit Of Measure	Release Quantity
1,4-DIOXANE	2014	Pounds	1.1
ACETALDEHYDE	2014	Pounds	21.93
ACETALDEHYDE	2008	Pounds	271
AMMONIA	2015	Pounds	7
AMMONIA	2010	Pounds	5
ETHYLENE GLYCOL	2016	Pounds	1804
ETHYLENE GLYCOL	2014	Pounds	1676
ETHYLENE GLYCOL	2008	Pounds	106
ETHYLENE GLYCOL	2004	Pounds	100

The Environmental Defense Fund's (EDF) Chemical Scorecard has on-line environmental information regarding this

facility's reported TRI releases. This information resource is not maintained, managed, or owned by the Environmental Protection Agency (EPA) or the Envirofacts Support Team. Neither the EPA nor the Envirofacts Support Team is responsible for their content or site operation. The Envirofacts Warehouse provides this reference only as a convenience to our Internet users.