

Allegheny County Health Department

Air Quality Program

Point Source Emission Inventory Report 2014

Summary of Air Emission Estimates from Point Sources
Allegheny County, PA
Criteria Air Pollutants for 1996-2014 and
Hazardous Air Pollutants (HAPs) for 1999-2014



CHESWICK POWER PLANT STACK

Prepared
By
Marie Kelly
&
Gary Fischman

Allegheny County Health Department
Air Quality Program
Emission Inventory Section

Summary of Air Emission Estimations from Point Sources
In Allegheny County
Years 2000-2014 for Criteria Air Pollutants
And 2000-2014 for Hazardous Air Pollutants

Executive Summary

Point source air emissions in Allegheny County have declined significantly since 1996. In 2014 this trend reversed when emissions of criteria pollutants increased 21.4% from reported 2013 levels. Reported levels for all five criteria pollutants increased in 2014. Carbon monoxide emissions increased 5.9% countywide; nitrogen dioxide emissions increased 5.7% and sulfur dioxide emissions increased 42.9% or 2555 tons. PM₁₀ increased 14.7 % and VOCs increased 3.7%. Cheswick continues to limit operation of its selective catalytic reduction (SCR) equipment, following the installation of the flue gas desulfurization (FGD) system to avoid a “blue plume” from increased emissions of sulfate particulate generated by SCR operation. Sulfur dioxide emissions increased from this plant in 2014 because the plant had maintenance problems with the FGD. Emissions of NO_x from this plant increased 14.4 % while PM₁₀ emissions increased 138% or 180 tons. Operation of the SCR dropped 86% in 2014 based on reported throughputs. Since 2004 overall declines have averaged 9.4% until 2013 when the total amounts of criteria pollutants increased 3.4%. In 2014 criteria pollutant totals increased again as addressed above.

Since 1996 emissions of carbon monoxide (CO) have declined 36%, nitrogen oxides 45.2%, PM₁₀ 63.3% and volatile organic compounds (VOCs) 69.6%. The decline in sulfur dioxide (SO₂) emissions between 1996 and 2014 is 81.8%. Emissions of sulfur dioxide have fallen 86.6% since 2009 because operation of the flue gas desulfurization system at Cheswick has been fairly reliable. Sulfur dioxide emissions from this source constitute 52.1% of total countywide emissions of this pollutant rather than the 81% reported previous to 2009. The station is located on the Allegheny River in Springdale, PA. SO₂ emissions can vary with the demand for electrical power and/or the sulfur content of the coal burned. In 2014 the facility emitted 161 % more sulfur dioxide than in 2013. The reported sulfur content of the coal burned in 2014 was 3.84% versus 3.5% in 2013. Flue Gas Desulfurization operational problems were responsible for most of the increase in sulfur dioxide emissions in 2014. In 2009 Cheswick burned less coal with a lower sulfur content (1.3%) than in 2014. Yet emissions in 2014 were 86.6% lower using coal with a sulfur content of 3.84%.The use of CEMS at this plant has improved the accuracy of emission estimates.

The increase in sulfur dioxide emissions from Cheswick in 2014 returned them to the position of the largest emitter of criteria pollutants in Allegheny County. Their emissions of criteria pollutants exceeded those of the Clairton Coke Works by 25.4%. Emissions of criteria pollutants from Cheswick were 35.1 % of total criteria County point source emissions while those from the U.S Steel Clairton Plant were 28.5 %.

Between 2000 and 2014 emissions from the US EPA list of 187 Hazardous Air Pollutants (HAPs) decreased 71.8%. The table below lists the year over year changes in the total amount of HAPs reported in the Allegheny County Emission Inventory.

Trends HAP Emissions Allegheny County 2000 - 2014					
Year	Total HAP Emissions (tons)	Percent Change. Total	Percent Change. Other	Percent Change. HCl	Percent Change. HF
2000	2463				
2001	2566	4.18 +	9.9 -	14.9 +	15.0 +
2002	2145	16.4 -	10.2 -	21.3 -	21.1 -
2003	2396	11.7 +	6.9 -	26.4 +	25.8 +
2004	2191	8.6 -	2.9 +	15.3 -	14.8 -
2005	2030	7.4 -	4.6 +	11.6 +	1.0 -
2006	1944	4.2 -	18.5 -	1.3 -	1.0 +
2007	2150	10.6 +	13.4 -	24.6 +	3.9 -
2008	1546	28.1 -	8.0 -	36.1 -	19.0 -
2009	1550	0.3 +	5.3 -	2.7 +	6.2 +
2010	1449	6.5 -	18.4 +	17.1 -	24.4 -
2011	899	38 -	8.8 -	56.1 -	64.6 -
2012	670	25.5 -	1.75 -	56.3 -	78.3 -
2013	718	7.2+	4.7+	13.4+	60.0+
2014	695	3.3-	1.3%-	8.1%-	25.0% -

Emissions of total HAPs as well as the individual HAPs, hydrofluoric acid (HF) and hydrochloric acid (HCl), in the past have correlated with emissions from the Cheswick Power Plant which depending on demand has emitted around 1000 tons or more a year of HAPs as recently as 2007. Emissions of HCl and HF from Cheswick rose slightly in 2014. HF at Cheswick increased from 2.99 tons in 2013 to 3.06 tons in 2014 and HCl increased from 4.49 tons to 4.59 tons. The amount of coal burned at this plant increased 1.5%. The variance in emissions of HCl and HF resulted from changes to the emission factors calculated from a 2013 stack test.

Total point source HAP emissions have trended lower between 1999 and 2014 in Allegheny County but not consistently. Cheswick Power Station no longer accounts for the majority of the emissions of HAPs among the facilities included in the Allegheny County Point Source Inventory. The USS Clairton Coke Works is the largest source of HCl emissions in the County generating 67.6% of the total of 163.12 tons. Cheswick emitted the largest amount of HF in 2014, 3.06 tons or 49.3 % of the total. Bay Valley Foods' HF emissions decreased from 1.86 tons in 2013 to 0.11 tons in 2014 as they completely phased out combustion of coal. Gottlieb Inc., an aluminum recycler, emitted 28.2 % of total HF or 1.75 tons.

Overall HAP emissions decreased 3.3 % because emissions of HCl decreased countywide 8.1 % in 2014.

Emissions of the five criteria pollutants from point sources in the County have trended down since 2000. Emissions from the Cheswick Station no longer mask the overall degree of reduction attributable to the other point sources included in the annual survey to the same degree they have in the past.

Examination of emission trends of both HAPs and criteria pollutants after excluding Cheswick's and Clairton's contributions show overall declines in both categories. Emissions of HAPs have declined 66.4% since 2002 when hydrogen sulfide was excluded from County totals. Hydrogen sulfide is not a Section 112 b Hazardous Air Pollutant in the Clean Air Act. Emissions since 2002 of nitrogen oxides have fallen by 31.9%; PM₁₀ has decreased 46.2 % and volatile organic compounds have fallen 45.4 %. Carbon monoxide emissions fell 24.2% in this period and sulfur dioxide emissions have decreased 21.2%. The desulfurization plant at the Clairton Coke Works with the exception of two major malfunctions in past years has functioned reliably. Overall the declines observed since 2002 are attributable to closure or reduction in operations of industrial facilities in the County as well as process improvements and the installation of new and improved control equipment at many facilities.

Emissions of both HAPs and criteria pollutants from the Cheswick Power Station and the Clairton Coke Works are proportional to fuel use. This makes the total amount of industrial air pollution in the County highly dependent on the output from these two facilities. However, Cheswick has reduced the amount of pollution generated by its operation. In 2003 nitrogen oxide emissions were reduced by the installation of a Selective Catalytic Reduction (SCR) device. Cheswick Power Station's flue gas desulfurization unit on the main boiler experienced operational problems in 2014. This caused a spike in sulfur dioxide emissions in 2014 of 2759 tons. Preliminary data for 2015 indicate sulfur dioxide emissions will be under 2000 tons as they were in 2013. The facility's operations indicate they have preferred to tolerate increases in particulate emissions and increases in nitrogen oxides by limiting SCR operation. Particulate emissions at Cheswick increased 138 % or 180 tons in 2014. NOx emissions increased 14.4% or 769 tons. Operation of the SCR decreased 85.9% in 2014. The increase in particulate emissions can be attributed to a decreased hydrated lime injection rate which increased production of sulfate particulate.

Please note graphs and charts have been condensed to display data from the three year cycle National Emission Inventory (NEI) for years prior to 2009.

Introduction

The annual Air Quality Program's Point Source Emission Inventory Report for 2014 details and analyzes emission estimates from facilities with potential emissions in the categories listed below:

- 25 TPY or more of any criteria pollutant
- 10 TPY or more of any single Hazardous Air Pollutant (HAP)
- 25 TPY or more of any mixture of HAPs

In 1997 reporting of annual emission inventories was converted from a paper system to an electronic system. In 2009, 90.9% of submittals were made to the Allegheny County Health Department Website. The remainder was made by e-mail as the procedure for submitting to the Health Department website was incompatible with many sources networks. For 2010 the Air Quality Program adopted the DEP AES Online System. This system allows for web-based submittals by all sources and complies with the EPA Cross Media Electronic Reporting Rule. In 1998 the availability of emission factors for HAPs increased making possible better estimates of emissions for these compounds.

This report provides graphs and tables comparing air emissions for 2014 to those from previous years. It contains six sections with four attachments.

- Section I – Point Source Criteria Emission Trends
- Section II – Point Source Criteria Emissions by Industry Sector
- Section III – Sources and Form of Particulate Emissions- PM₁₀, PM_{2.5}, Filterable and Condensable.
- Section IV – Point Source HAP Emissions
- Section V – Point Source HAP Emission Trends
- Section VI – Impact of the Cheswick Power Station and Clairton Coke Works on Total County Point Source Emissions

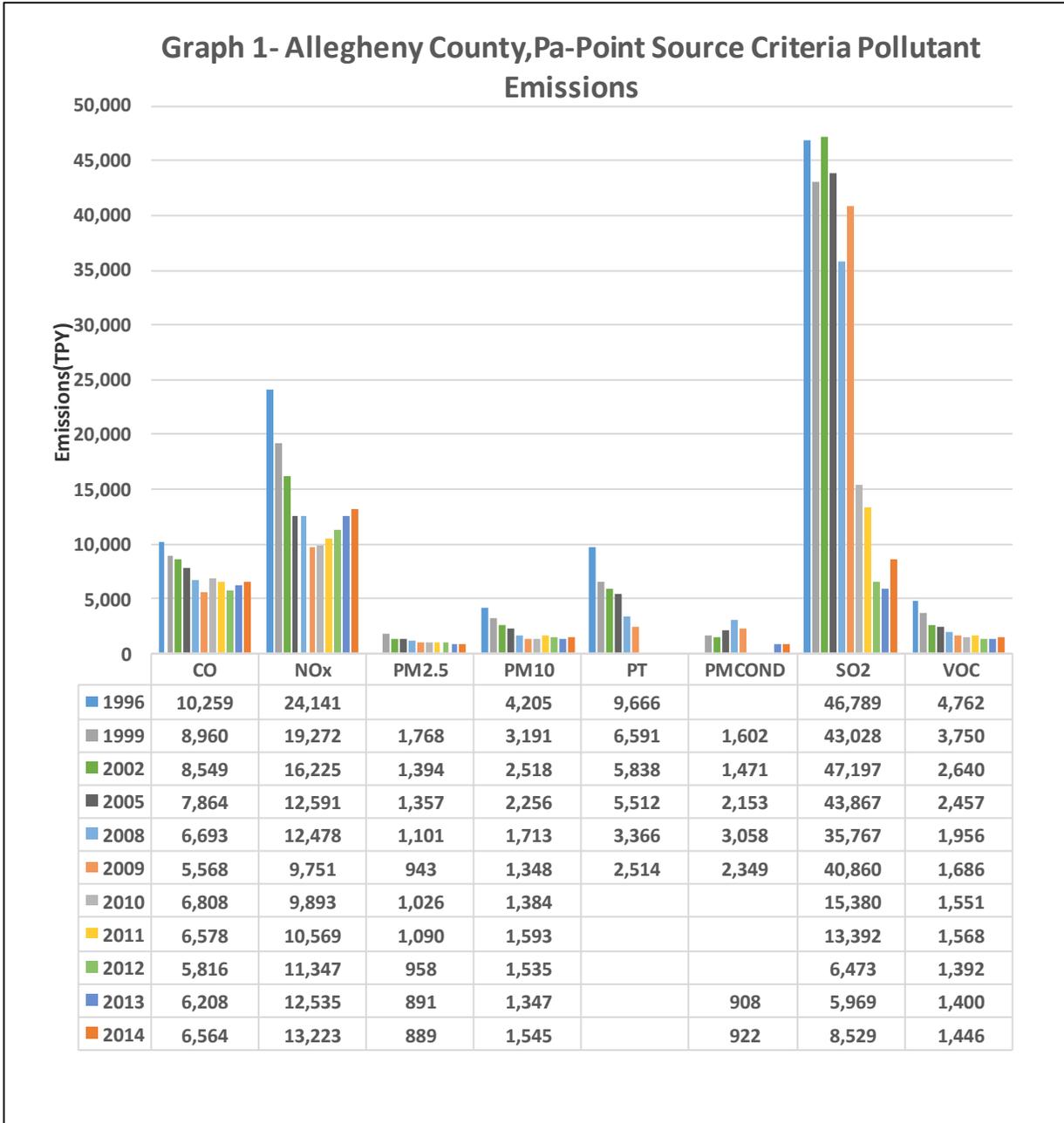
Trends in emissions of criteria pollutants in the County are discussed by industry sector in Section II. Section VI addresses contributions from the Cheswick Power Station and the Clairton Coke Works to total County point source emissions. These two sources emissions merit a separate section because their total emissions are far greater than those of any other facilities in the County.

- Attachment A – Criteria Pollutant Emissions for Individual Facilities
- Attachment B – List of HAP Emissions by Compound.
- Attachment C – HAP Emissions of Individual Facilities
- Attachment D – Total Point Source Emissions Ammonia

Considering this report is based on 19 years of accumulated data, the charts below have been consolidated to display only data from the immediate previous five years and the five preceding NEI Tri annual inventories.

Section I. Criteria Pollutant Emissions

Graph 1 summarizes total emissions of criteria air pollutants as defined by the Clean Air Act from point sources in Allegheny County. Please note the DEP AES system does not contain fields where sources can report total particulate. DEP added a field for PM condensable in 2012 but a total was not reported because many sources neglected to report emissions of this form of particulate in 2012. Total particulate is no longer defined as a criteria pollutant by the EPA.



The pollutants shown include:

- CO – carbon monoxide
- NO_x – emissions of oxides of nitrogen reported as nitrogen dioxide
- PM_{2.5} – filterable particulate with an aerodynamic diameter less than 2.5 microns
- PM₁₀ – filterable particulate with an aerodynamic diameter less than 10 microns
- PT – total filterable particulate. No data is available after 2010.
- PMCOND – condensable particulate matter defined as material in the vapor state at temperatures above 68°F and a solid at lower temperatures. No data available for 2010, 2011 and 2012.
- SO₂ – sulfur dioxide
- VOCs – Volatile Organic Compounds.

More detailed definitions are provided in the notes located at the end of the report.

In 2014 emissions of all the criteria pollutants increased except for PM_{2.5} which was essentially constant. Sulfur dioxide emissions increased 42.9% in 2014 compared to the level reported in 2013. This is largely attributable to operational issues with the flue gas desulfurization unit at Cheswick arising in 2014. However, total emissions of this compound are still over 80% below the totals reported in the base year 1996. Emissions of carbon monoxide increased 5.9 %, nitrogen oxides 5.7%, PM10 14.7%, Pmcond 1.5% and VOC's 3.7%. These increases are probably due to some combination of operational issues and business conditions.

**Table 1 - Estimated Point Source Criteria Air Emission Change in Allegheny County, PA
Tons per Year Emitted as Percentage of 1996 Baseline Year**

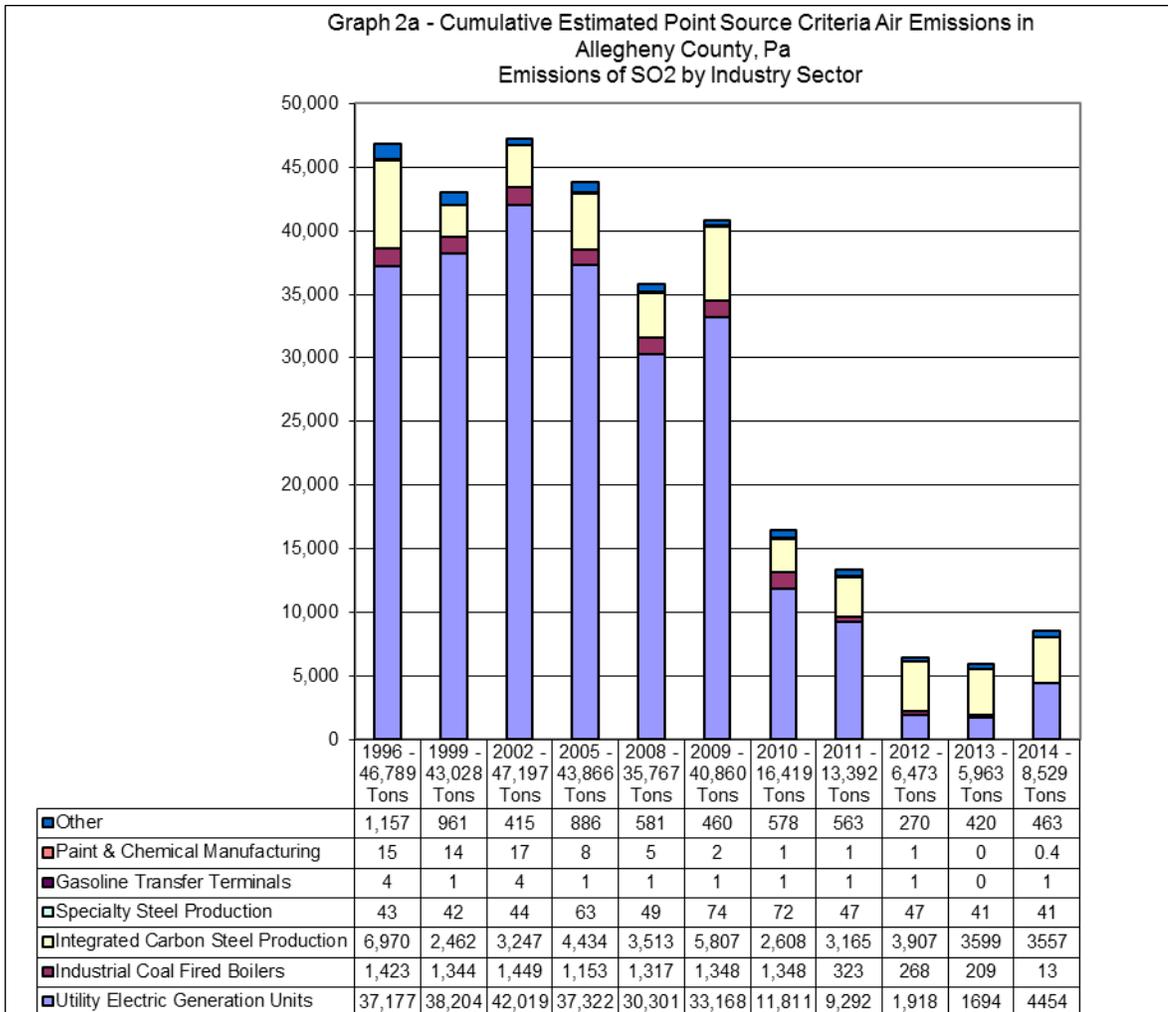
1996 Base Year (Tons/Yr)	Pollutant							
	CO	NOx	PM2.5	PM10	PT	PMCOND	SO2	VOC
	10,259	24,141		4,205	9,666		46,789	4,762
1997	-2.1%	2.3%		-0.7%	-9.9%		7.6%	2.4%
1998	-9.2%	-18.0%		-16.2%	-27.4%		-18.1%	-20.2%
1999	-12.7%	-20.2%	1,768	-24.1%	-31.8%	1,602	-8.0%	-21.3%
2000	-9.6%	-21.7%	-12.5%	-32.3%	-38.5%	15.0%	7.3%	-30.9%
2001	-15.2%	-27.0%	-31.1%	-40.3%	-40.0%	-5.8%	16.0%	-40.2%
2002	-16.7%	-32.8%	-21.2%	-40.1%	-39.6%	-8.2%	0.9%	-44.6%
2003	-14.3%	-40.1%	-12.2%	-36.6%	-36.1%	-9.2%	8.7%	-48.1%
2004	-19.4%	-41.6%	-16.2%	-39.4%	-41.1%	1.6%	-1.1%	-45.7%
2005	-23.3%	-47.8%	-23.2%	-46.4%	-43.0%	34.4%	-6.2%	-48.4%
2006	-29.0%	-44.8%	-31.5%	-50.3%	-48.0%	-13.6%	-17.1%	-55.6%
2007	-28.1%	-43.0%	-39.0%	-59.6%	-66.7%	97.7%	-13.9%	-55.8%
2008	-34.8%	-48.3%	-37.7%	-59.3%	-65.2%	90.9%	-23.6%	-58.9%
2009	-45.7%	-59.6%	-46.7%	-59.3%	-74.0%	46.6%	-12.7%	-64.6%
2010	-33.6%	-59.0%	-42.0%	-67.1%			-67.1%	-67.4%
2011	-35.9%	-56.2%	-38.4%	-62.1%			-71.4%	-67.1%
2012	-43.3%	-53.0%	-45.8%	-63.5%			-86.2%	-70.8%
2013	-39.5%	-48.1%	-49.6%	-68.0%			-87.2%	-70.6%
2014	-36.0%	-45.2%	-49.7%	-67.3%			-81.8%	-69.6%

Trends in emissions of criteria pollutants in the County are discussed by industry sector in Section II. Section VI addresses contributions from the Cheswick Power Station and Clairton Coke works to total County point source emissions.

Section II. Criteria Point Source Air Emissions by Industrial Sector

Graphs 2a-2e details emissions of each criteria pollutant from individual point source industrial sectors in the County. The six industrial sectors identified account for approximately 90% of all criteria point source air emissions. Facilities are sorted into sectors based on the size of their contribution to total air emissions. With the exception of sulfur dioxide, which fluctuates from year to year depending on the demand for electricity from the Cheswick Power Station and coke from USS Clairton Works, the overall direction of emissions of criteria pollutants continued to decline in 2014. Contributions from individual sectors show declines from the 1996 base year despite some increases attributable to variable business conditions.

a) Sulfur Dioxide

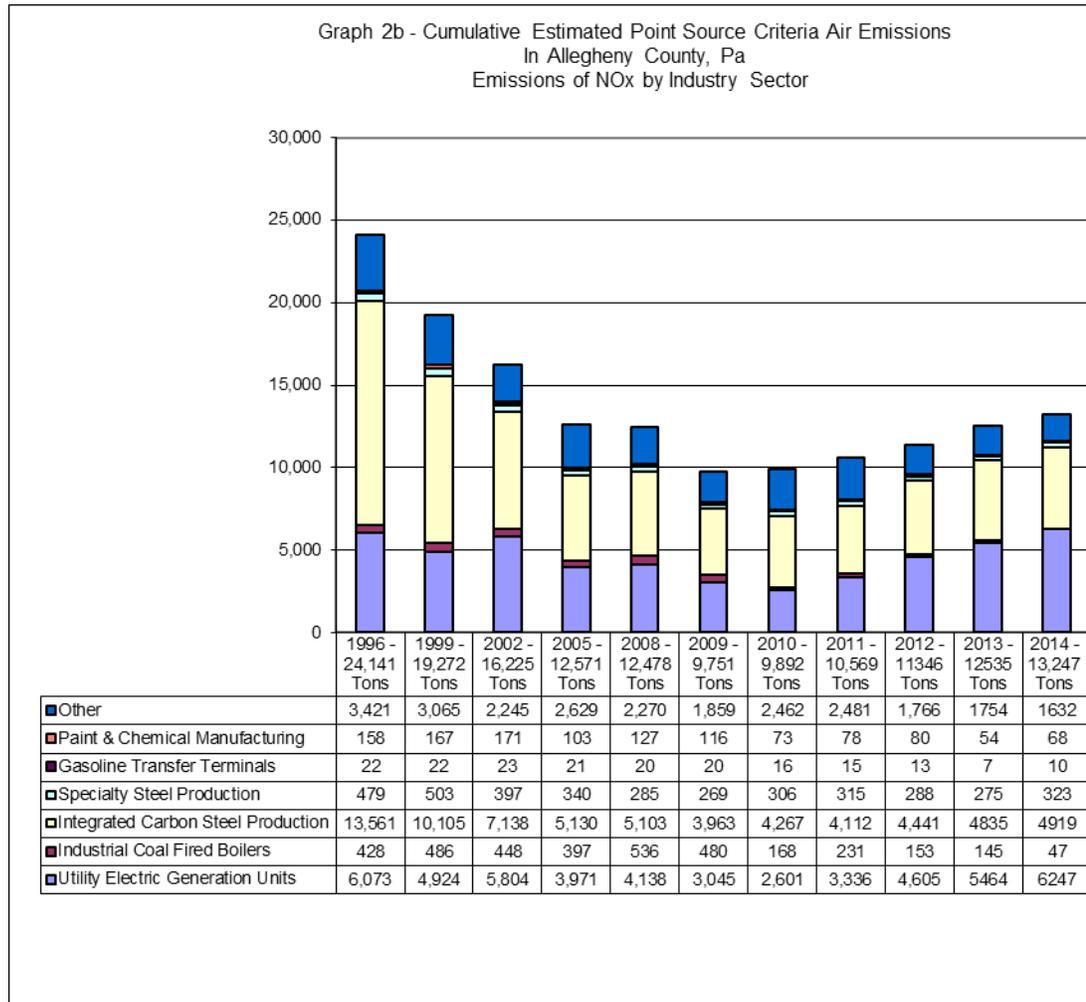


Sulfur dioxide emissions increased in two industrial sectors, were essentially unchanged in three and decreased in two categories in 2014. Overall sulfur dioxide emissions increased 43.0% from the levels reported in 2013. They declined by 93.8% in the

Industrial Coal Fired Boiler Sector and 1.2% in the Integrated Carbon Steel Sector. Emissions in Paint and Chemical Manufacturing increased 0.4 tons while facilities categorized as other reported an increase in sulfur dioxide emissions of 10.2%. The decrease in the Industrial Coal Fired Boiler Sector was the result of the complete transition from coal to natural gas fired boilers at the Bay Valley Plant on the north-side. The overall increase can be attributed to 163% increase in emissions of this compound from the Cheswick Power Station in the Utility Generation Sector. This increase appears to be tied to problems with the limestone injection section of the flue gas desulfurization system. Currently, approximately 69.9% of all sulfur dioxide emissions in the County are from the Cheswick Power Station (52.1%) and the U.S. Steel Clairton Coke Works (17.7%). Emissions of this compound from these two sources are addressed separately in Section VI. Emissions from these two sources combined overwhelm SO₂ emissions from other point sources in the County and determine the overall direction of SO₂ emissions. The decrease in sulfur dioxide from integrated carbon steel production between 2013 and 2014 occurred because the desulfurization plant at Clairton did not have any significant operating problems. Sulfur dioxide emissions continued to decrease at the Clairton Coke Works in 2014. The amount of coke oven gas burned increased 7.3% but the amount of coke produced decreased 1.9%.

Fifty percent of the decrease in sulfur dioxide emissions from integrated carbon steel production since 1998 is attributable to the closing of the Hazelwood LTV Coke Works.

b) Nitrogen Dioxide



In 2014 nitrogen oxide emissions overall increased 5.7%. NOx emissions increased in five sectors and decreased in two. Decreases occurred in the following sectors:

- Industrial Coal Fired – 67.6 %
- Other – 7.0 %

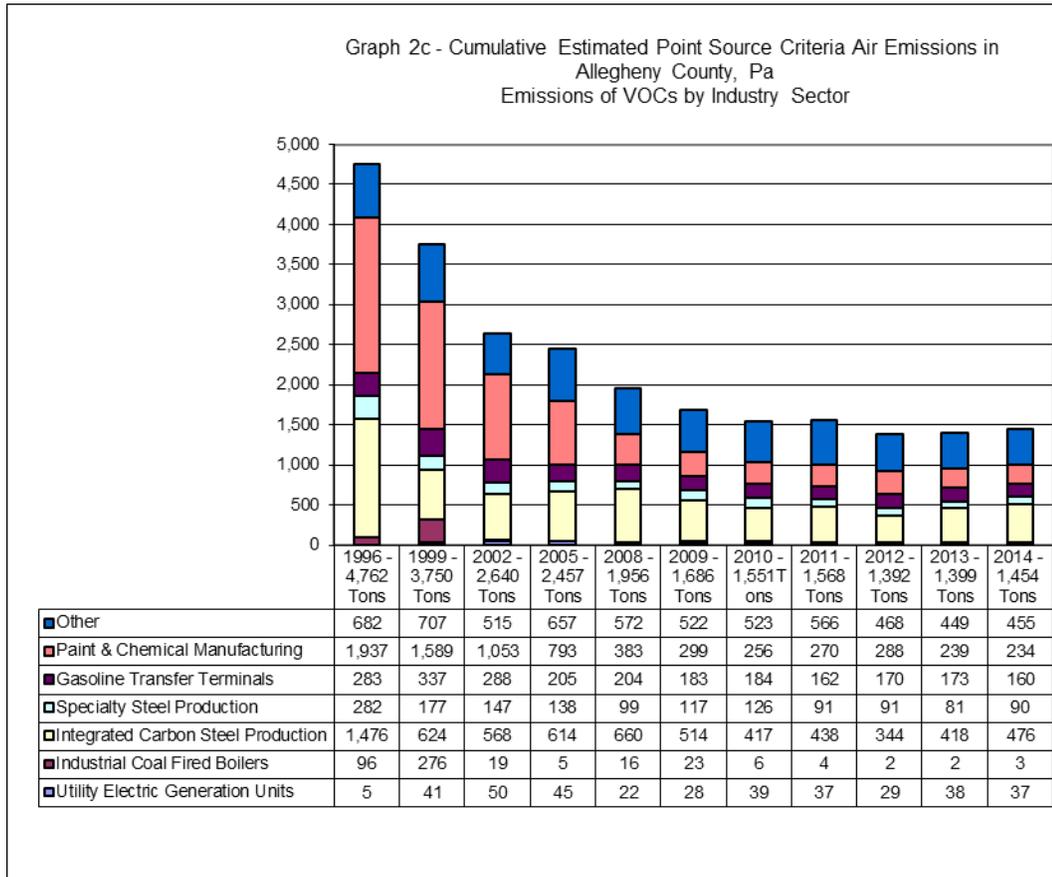
Cheswick Power Station operated their SCR minimally in 2014. Therefore their NOx emissions increased 14.4% without approaching the facility's permit limit for this pollutant.

Increases were observed in Specialty Steel Production and Gasoline Transfer Terminals. In the Specialty Steel sector NOx emissions rose 17.5%, 42.9 % in the Gasoline Terminal Sector, 25.9% in the Paint and Manufacturing Group of facilities, and 1.7 % in the Integrated Carbon Steel Sector and 14.3% in the Utility Electric Generation Sector.

The increase in NOx emissions in the utility sector occurred in 2014 because the Cheswick Plant decreased the amount of coal combusted while operating the SCR by 85.9%. The amount burned without operating the selective catalytic reduction (SCR) equipment increased 2.4% and overall the amount of coal burned increased 1.6% in 2014. The amount of coal burned while operating the SCR only accounted for 0.13% of the total coal burned. Cheswick has determined from testing they can comply with their NOx emission limit without operating the SCR. SCR operation while decreasing NOx emissions from the coal fired boiler increases emissions of particulate. Graph 2d illustrates particulate emissions from the utility sector increased 114% in 2014 or 183 tons. The increase in NOx emissions reflects the plant's current operating configuration.

Unlike the period from 1996 to 2002, no large source of nitrogen oxide emissions has shut down recently. The large decreases in emissions of nitrogen oxides between 1996 and 2003 were largely attributable to the shutdown of the LTV Coke Works in 1998 and the Kosmos Cement kiln in 2001 and the installation of selective catalytic reduction control equipment at the Cheswick Power Station in 2003.

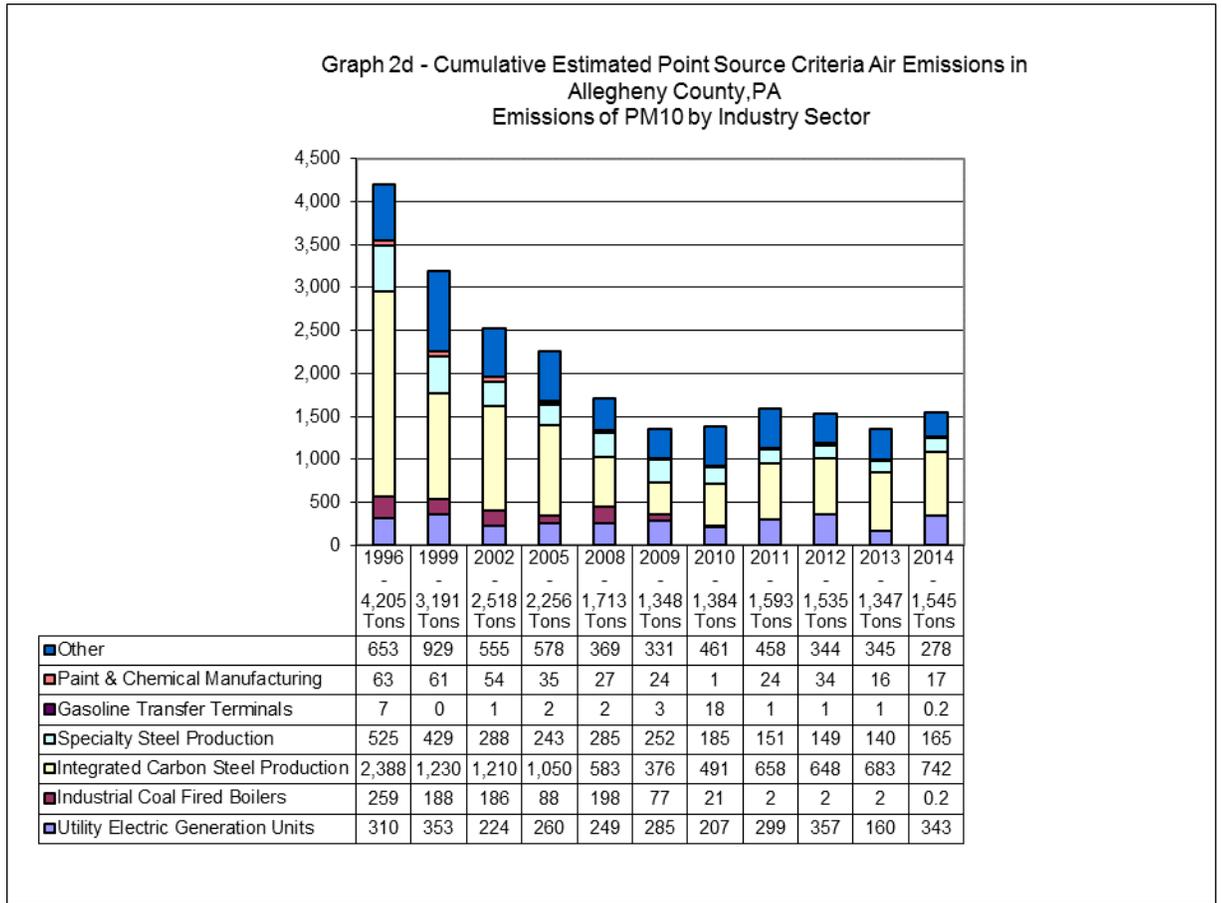
c) Volatile Organic Compounds (VOCs)



VOC emissions in 2014 were relatively constant increasing by 3.9% over 2013. Emissions from the chemical manufacturing sector decreased 2.1%. Emissions from integrated carbon steel operations increased 13.9%, while those from specialty steel production increased 11.1%. Gasoline Transfer Terminal's emissions decreased 7.5% while those from industrial coal fired boilers increased 50% from 2 tons to 3 tons. Electric Utility VOC emissions decreased one ton or 2.6% while VOC emissions from sources in the other category increased 1.3%. VOC emissions have declined by 74.4 % at Neville Chemical and 74.7% at Eastman Chemical since 2001. These are the two largest chemical firms in the County. Declines in emissions in the chemical manufacturing sector have decreased as process control improvements have been implemented at these two plants.

The slight increase in VOC emissions in 2014 can be attributed to variable business conditions. The large overall decreases in the chemical sector in the past decade are in part attributable to the installation of thermal oxidizers at both major chemical plants and the shutting down of some of the process lines. As Graph 2c illustrates emissions of this pollutant have decreased overall by 44.9% since 2002.

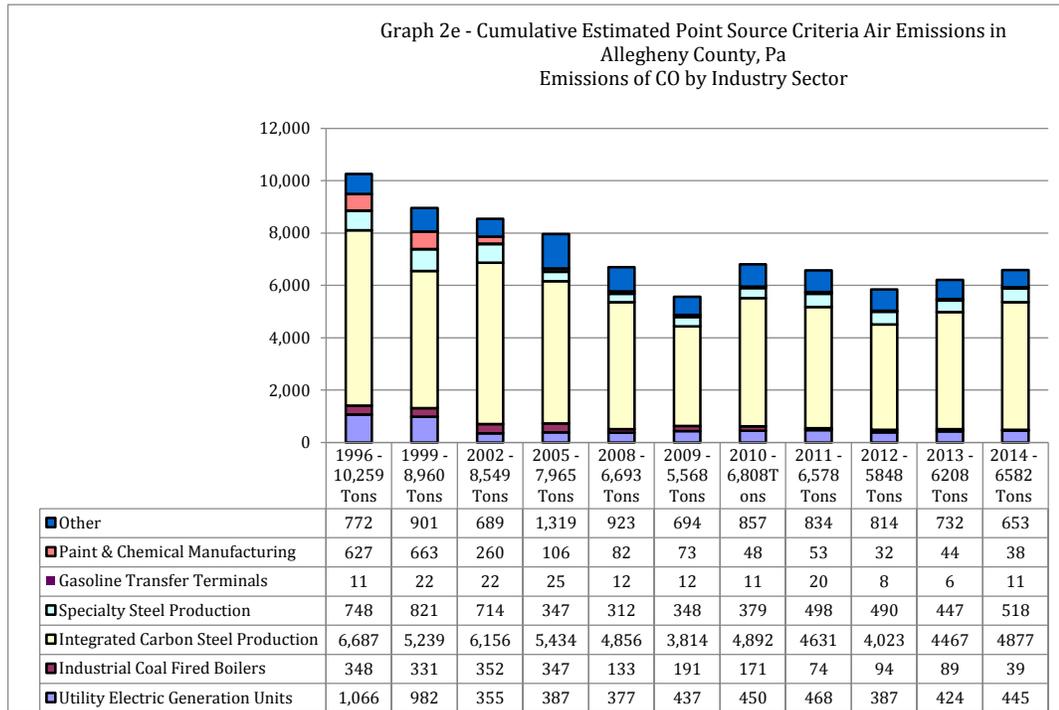
d) PM₁₀



In 2014 PM₁₀ emissions increased 14.7% from 2013. PM₁₀ emissions decreased in three industrial sectors. They increased in four. The continued decrease in particulate emissions from the industrial coal fired boiler sector resulted not only from the installation of a spray dryer bag-house assembly at Bay Valley but also from the conversion from coal combustion to natural gas combustion in their boilers. Emissions of this pollutant in the integrated carbon steel sector increased 8.6%. In the specialty steel category PM₁₀ emissions increased 17.9% in 2014. In the utility sector PM₁₀ emissions increased 114%. This is largely attributable to a 138 % increase at the Cheswick Power Station. The increase in reported PM₁₀ emissions correlates with a 14.4% increase in NO_x emissions.

Review of Graph 7 – Historical Air Emissions NRG Cheswick Station indicates the facility is trying to determine a heat input level where operation of the SCR results in roughly equivalent levels of emissions of NO_x and PM₁₀ for a given fuel heat input.

e) Carbon Monoxide



Emissions of carbon monoxide increased 6.0% in 2014. Emissions decreased in three industrial sectors and increased in four. The decrease in the Industrial Coal Fired Boiler sector was 56.2%. This large decrease is attributable to completion of the transition from coal to natural gas combustion at Bay Valley. Decreases in the remaining sectors ranged from 13.6% in the Paint and Chemical Sector to 10.8% in the Other Sector. The Gasoline Transfer Sector increased 83.3% from six tons to eleven tons. US Steel Clairton Coke Works generated 41.9 % of the carbon monoxide emitted by point sources in Allegheny County. In 2014 carbon monoxide emissions from all three US Steel Plants accounted for 74.2% of emissions of this pollutant. Carbon monoxide emissions from this sector increased 9.2% and the Specialty Steel Sector increased 15.9%. The utility sector's emissions increased 5% in 2014. Demand increased moderately at Cheswick while demand at Springdale increased 7.2 % based on reported natural gas usage. Cheswick's emissions of carbon monoxide increased 5.2 tons or about 1.7% in 2014. Although percentage changes in emissions of this pollutant were relatively large in two sectors, the actual increases measured in tons were not.

Section III. Particulate Emissions and Their Sources

In the Allegheny County Emission Inventory, four forms of particulate matter were reported until 2010. These were total particulate (PT), condensable particulate (PMCond), PM₁₀ and PM_{2.5}. The last two are fractions of total particulate. Below are the definitions of each of these forms

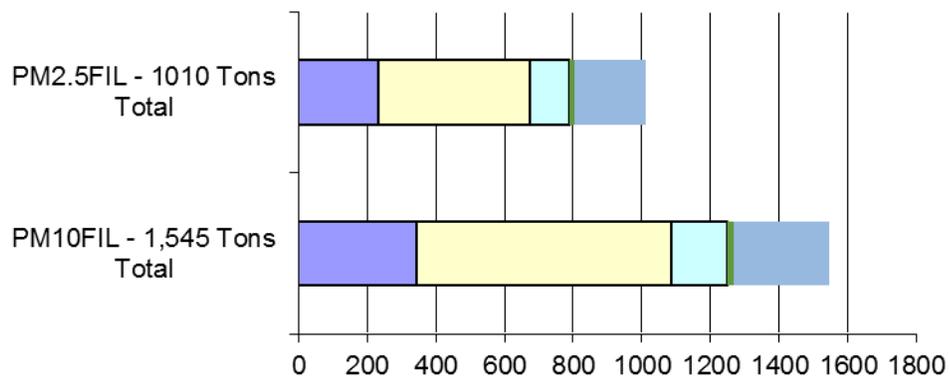
- PT – total filterable particulate is the material captured from flue gas on a filter heated to 248°F.
- PM₁₀ – fraction of filterable particulate with an aerodynamic diameter less than 10 microns
- PM_{2.5} – fraction of filterable particulate with aerodynamic diameter less than 2.5 microns.
- PMCond – material collected from the filtered flue gas after it has passed through the 248°F filter as a gas and been condensed from the sample stream and dried.

PM_{2.5}, PM₁₀ and PT are not independent of each other. PM_{2.5} is a fraction of both PM₁₀ and PT. PM₁₀ is a fraction of PT. Condensable particulate is not part of filterable particulate or its fractions in flue gas. It is a gas that condenses in ambient air to fine particulates.

In the 2011 and 2012 Allegheny County Emission Inventory only PM₁₀ and PM_{2.5} were reported. In 2010 the County adopted the DEP AES web-based emission inventory reporting system. DEP agreed to insert a field into the system to allow the reporting of PM_{2.5}. The DEP system does not contain a field for the reporting of PT because this is no longer considered a reportable criteria pollutant by the EPA. Their sources, unlike the County sources, do not separate particulate into filterable and condensable fractions for reporting purposes. This changed in 2012 when DEP created a field for PMCond. However, overall the reporting of this fraction of pollutant in 2012 was unsatisfactory. In 2013 the Allegheny County Air Quality Program has resumed reporting of PMCond.

Graph 3 is an illustration of the amount of PM₁₀ and PM_{2.5} released by each industrial sector through 2014.

Graph 3 - Cumulative Contributions of Point Source Sectors to Forms of Particulate Emissions 2014
Allegheny County, Pa.



	PM10FIL - 1,545 Tons Total	PM2.5FIL - 1010 Tons Total
Utility Electric Generation Units	342.577	231.0777
Industrial Coal Fired Boilers	0.1953	0.1487
Carbon Steel and Metallurgical Coke Production	742.2158	442.8591
Specialty Steel Production	164.8293	114.3168
Gasoline Transfer Terminals	0.2324	0.0773
Paint & Chemical Manufacturing	16.5527	15.3355
Other	278.232	205.9743

Note: Totals in this graph will not match those in attachment A because sectors do not include all facilities inventoried.

Section IV. Hazardous Air Pollutants (HAPs)

Facilities are required to report emissions of any of the 187 HAPs listed in ACHD Article XXI, Section 2101.20.a. Article XXI is consistent with EPA Section 112(b) of the Clean Air Act.

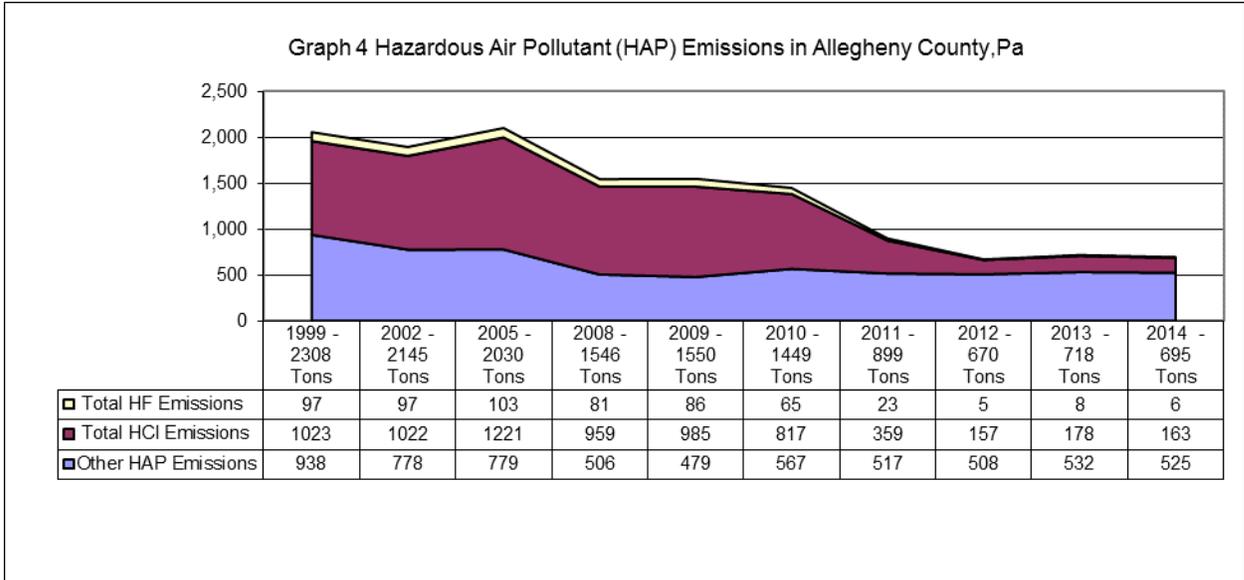
Hydrogen sulfide is reported in this category. Hydrogen sulfide is a contaminant listed in Article XXI. Ammonia must be reported because it is a particulate precursor in air. It is reported in Attachment D. Some HAPs are speciated when reported. Speciation is applied to exceptionally toxic HAPs such as hexavalent chromium.

Attachment B lists point source HAP emissions in Allegheny County by total amount of individual compound. Adjustments to emissions of hydrochloric acid (HCl) and hydrofluoric acid (HF) are explained following the table.

The impact of exposure to individual HAP compounds varies greatly with both the concentration and the chemical properties of the compound. Exposure concentrations required to observe negative health impacts can differ by several orders of magnitude among different compounds. Synergistic effects of exposure to combinations of HAPs at differing concentrations have not been thoroughly studied.

Section V. HAP Emission Trends

Graph 4 Illustrates HAP emissions trends in Allegheny County.



Hydrogen fluoride (HF) and hydrochloric acid (HCl) made up 48.5 % of total HAP emissions from County sources in 1999. In 2008 emissions of these two compounds from the Cheswick Power Station accounted for 67.3 % of total HAP emissions reported by point sources. In 2014 emissions of HCl in the County totaled 163 tons or 23.5% of total HAPs and emissions of HF totaled 6 tons or 0.9 % of total HAPs. Total HAP emissions decreased 3.2% in 2014. In 2014 Cheswick emitted 4.6 tons of HCl and 3.1 tons of HF. HAP emissions from Cheswick remain low because the utility operated the flue gas desulfurization system whenever the boiler was brought online. The three largest sources of HCl emissions currently are the USS Clairton Works, 110.2 tons, the USS Irvin Plant, 31.49 tons and USS Edgar Thomson Plant 9.5 tons. In 2014 USS Clairton Works accounted for 67.5% of total HCl emissions. In 2014 the largest emitters of HF were Cheswick accounting for 51% of the six ton County total and Gottlieb generating 29.2% of the total.

Emissions of HCl will fluctuate with operations at the Clairton Coke Works going forward. Since 2002 HCl emissions from this plant have ranged between 95 and 110 tons per year. Bay Valley’s emissions of HF in 2014 were only 0.11 tons and should be completely eliminated since they will only be burning natural gas going forward. Gottlieb started reporting HF emissions in 2010. This facility’s emissions of HF have been less than two tons per year for the last three years and is expected to remain between one and two tons for the foreseeable future.

HAP emissions of compounds other than HCl and HF decreased 1.3% in 2014.

When emissions of HCl and HF are excluded from the total, Graph 4 shows emissions of HAP compounds from other sources declined overall through 2014 falling 44% since 1999. Between

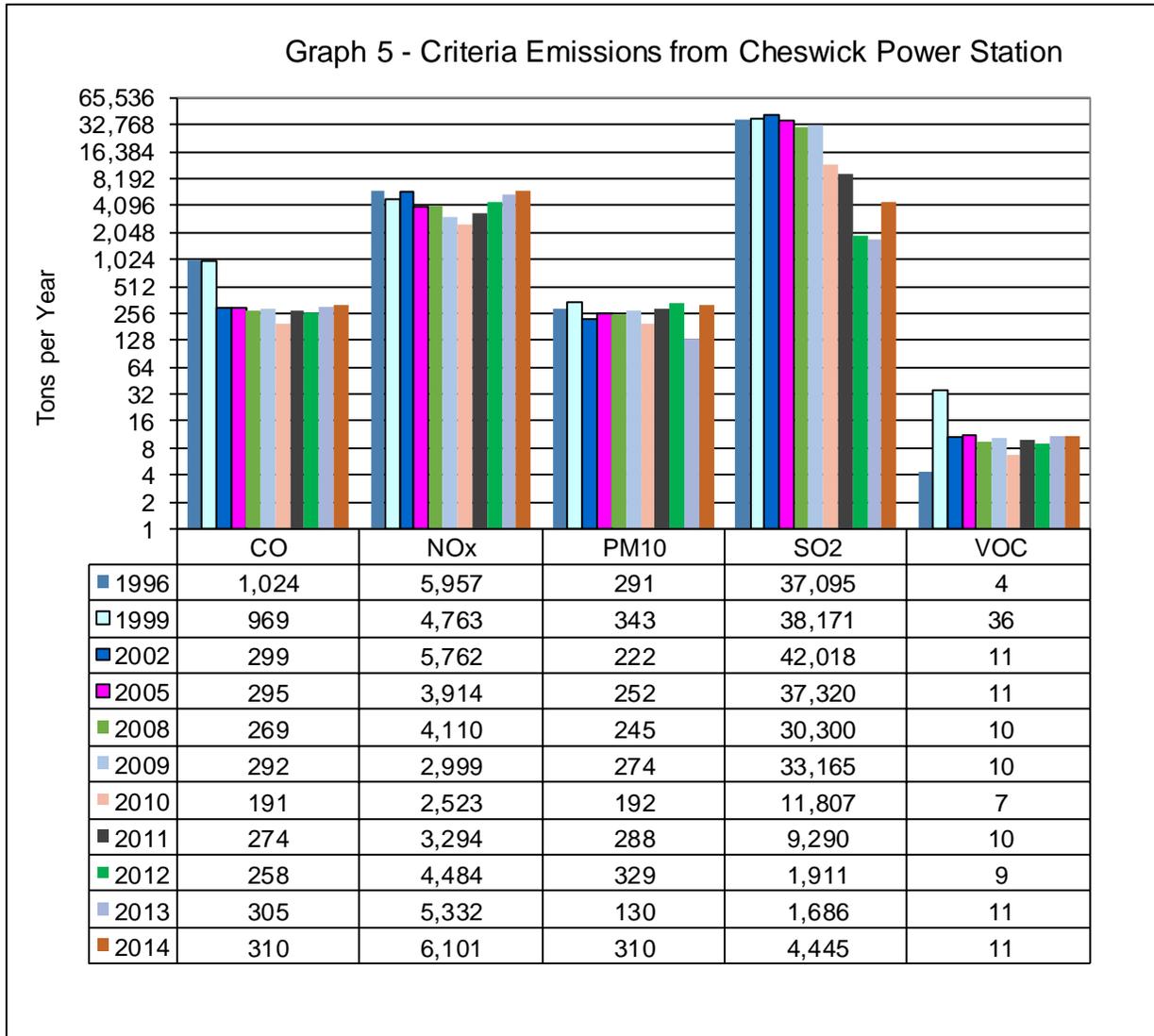
2009 and 2014 emissions of other HAPs have ranged from a low of 479 tons to a high of 567 tons.

In 2014 emissions of aromatic hydrocarbon decreased 8.0% over the level reported in 2013. Toluene emissions increased 8.5 tons from the 2013 reported total. This was mostly attributable to the 9.82 tons of emissions reported by Pittsburgh Electrical Insulation. Benzene emissions peaked in 2006 and have trended downward with production at the County's two coke plants and with process improvements at these facilities. In 2014 they decreased 28.4% or 14.72 tons mainly as a result of decreased production at the Clairton Coke Work's Batteries. In 2014 benzene emissions totaled 37.1 tons. The Clairton Coke Works accounted for 50.3 % and Shenango 33.0% of all benzene emissions in the County. Xylene emissions peaked in 2002 and have varied within a range of 17 to 70 tons since but overall have trended downward only totaling 18.16 tons in 2014, a decrease of 18.5% from the previous year.

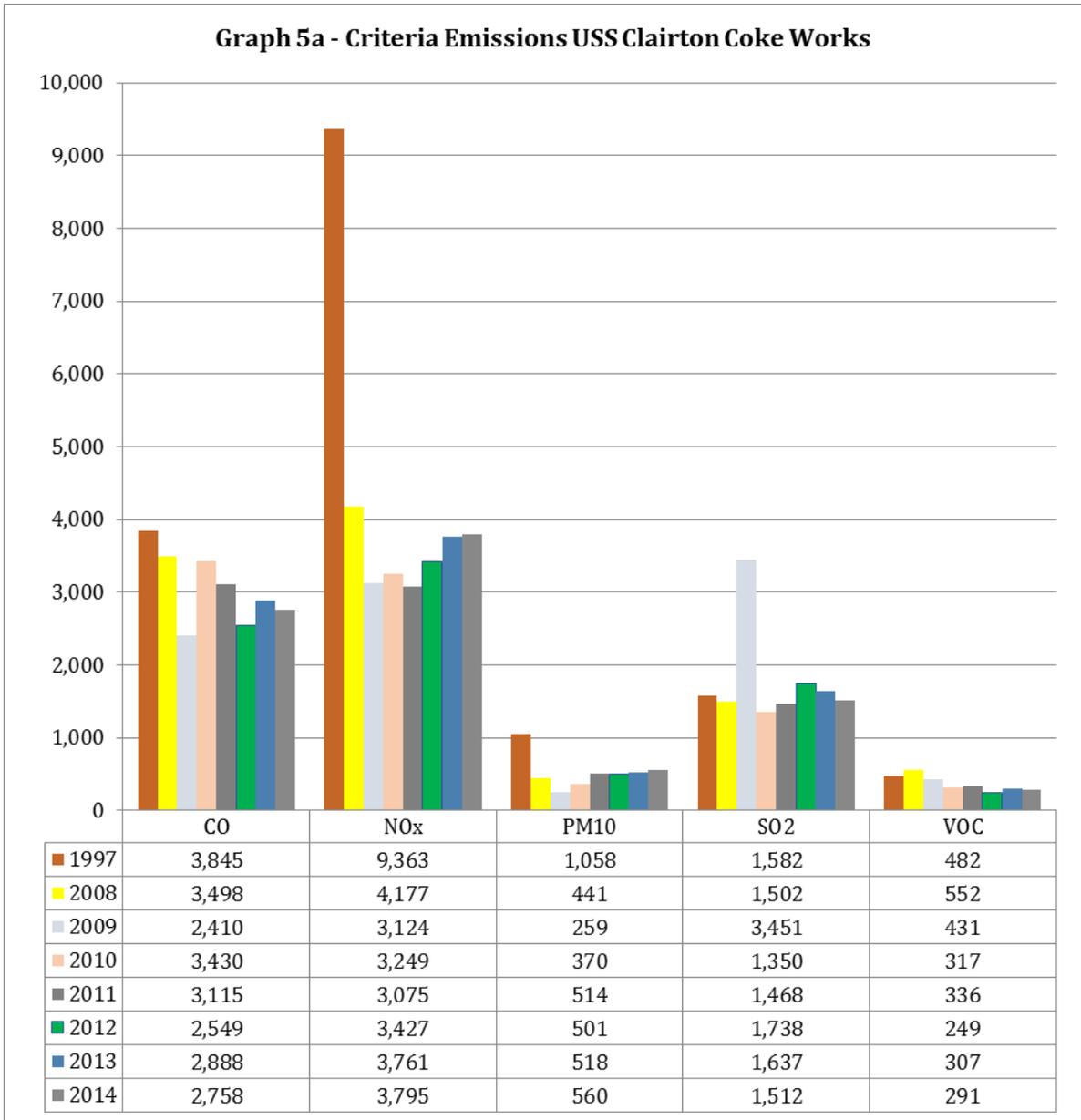
Section VI. Comparison - Emissions of the Cheswick Power Station and USS Clairton Coke Works to Total County Point Source Emissions.

The Cheswick Power Station is again the single largest point source emitter of criteria pollutants in Allegheny County. Graph 5 shows its contributions to total CO, PM₁₀, and VOCs is relatively small. Still in 2014 it accounted for 46.1% of nitrogen oxide point source emissions and 52.1% of sulfur dioxide emissions. Cheswick continues to reduce sulfur dioxide emissions. In 2013 emissions of this pollutant declined an additional 11.8% from 2012 reflecting the successful operation of the flue gas desulfurization equipment at the utility. But the NO_x emissions from this source increased 14.4 % compared to an 18.9% increase between 2012 and 2013. The increase in NO_x resulted from the facility reducing the operating hours of the SCR while remaining well under the hourly emission limit of 3051 lbs/hr. By comparison, the Clairton Coke Works generated 28.7% of the NO_x and 17.7% of the sulfur dioxide emitted in the County in 2014. Emissions of all criteria pollutants from Clairton totaled 8916 tons while the Cheswick total was 11177 tons, 25.4% more. The Clairton Coke Works accounted for 28.5 % of all criteria pollutants emitted in Allegheny County. The Cheswick Power Station accounted for 35.7 % of all the criteria pollutants emitted in Allegheny County in 2014.

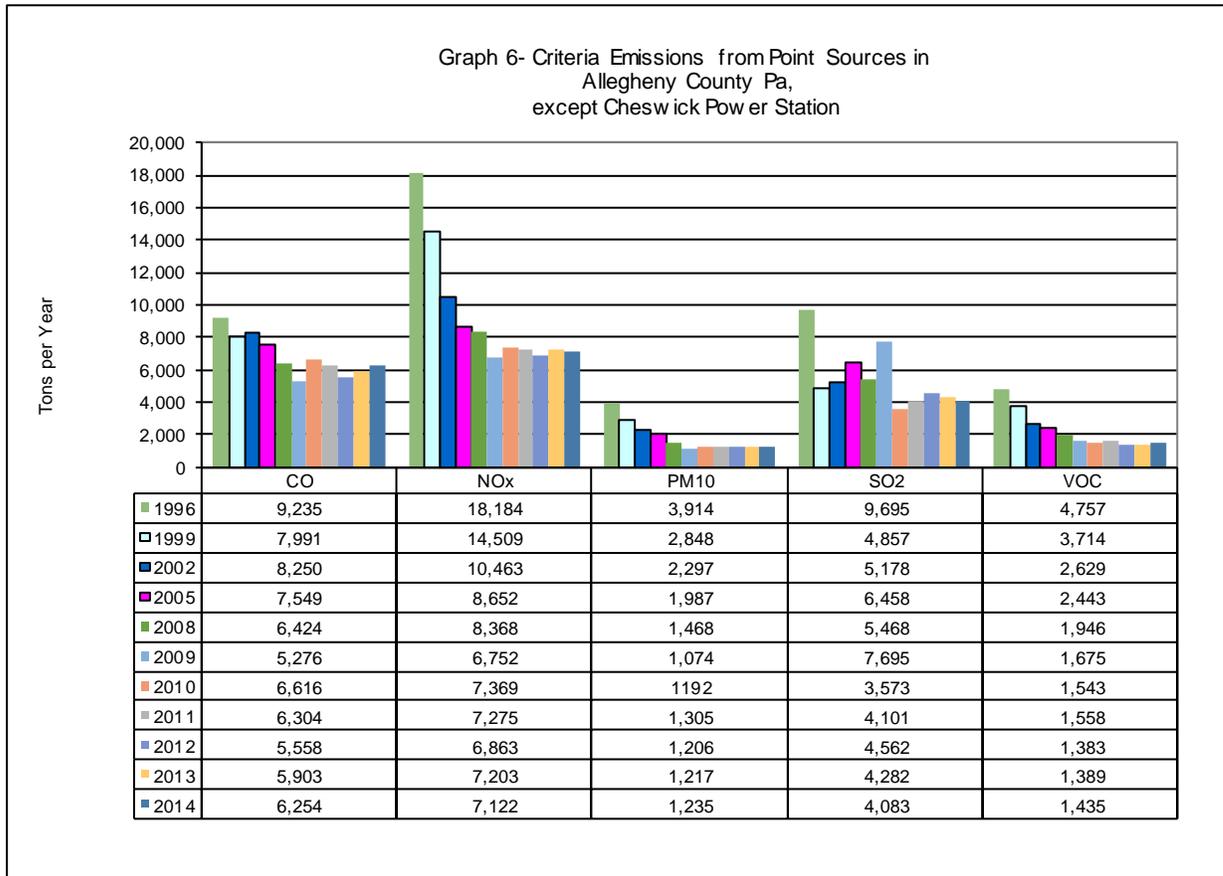
Graph 5 illustrates the trends of criteria emissions at the Cheswick Power Station from 1996 till 2014



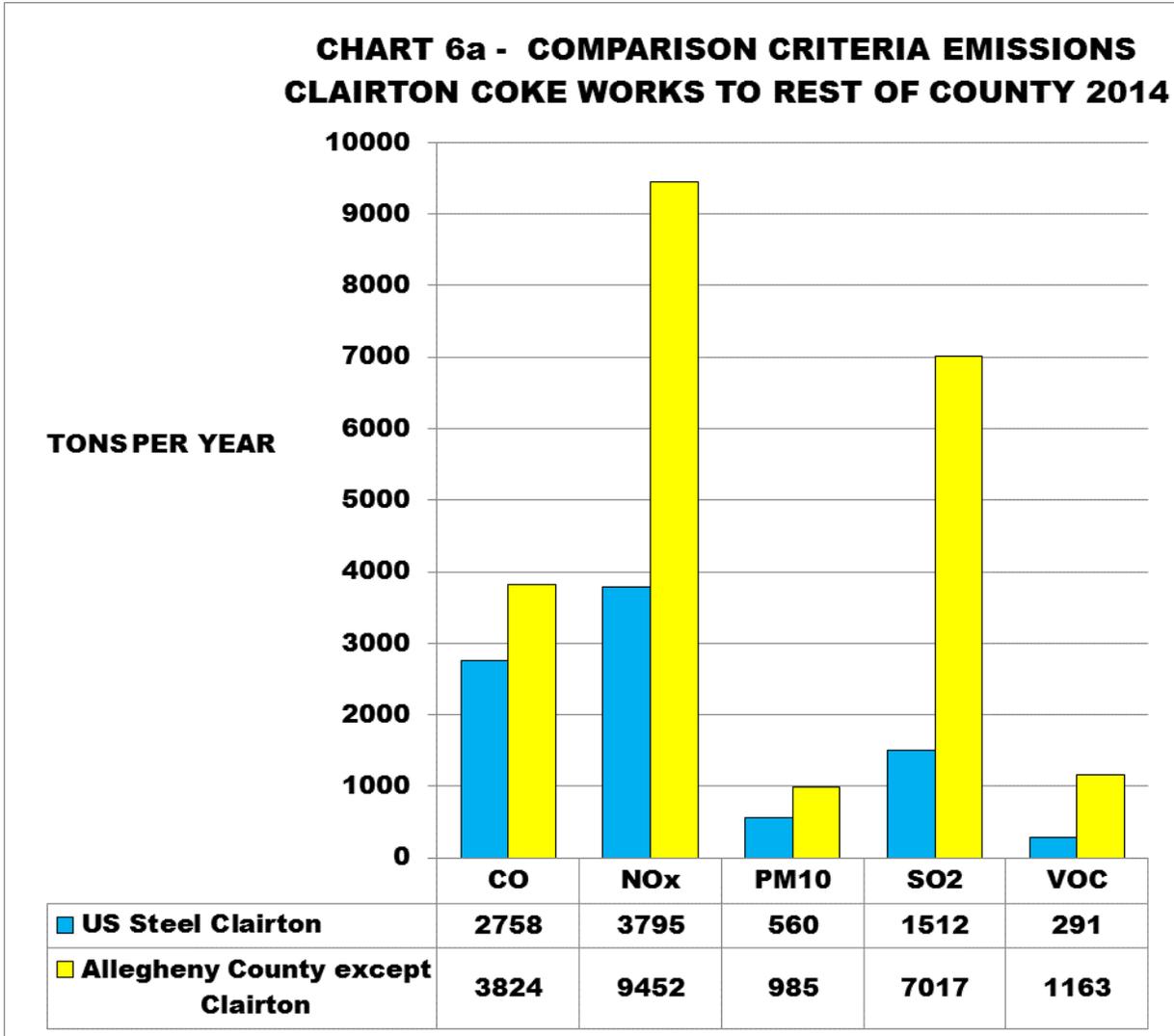
Graph 5a illustrates the trends of criteria emissions from the USS Clairton Coke Works from 1997 till 2014



By comparison Graph 6 shows criteria emissions from all the other sources in the County for the same period except Cheswick.



Since the USS Clairton Coke Works was the largest source of criteria pollutants in Allegheny County in 2013 and is likely to be again in 2015., Graph 6a compares emissions in 2014 from this source to the total from the rest of the sources reporting emissions in 2014.



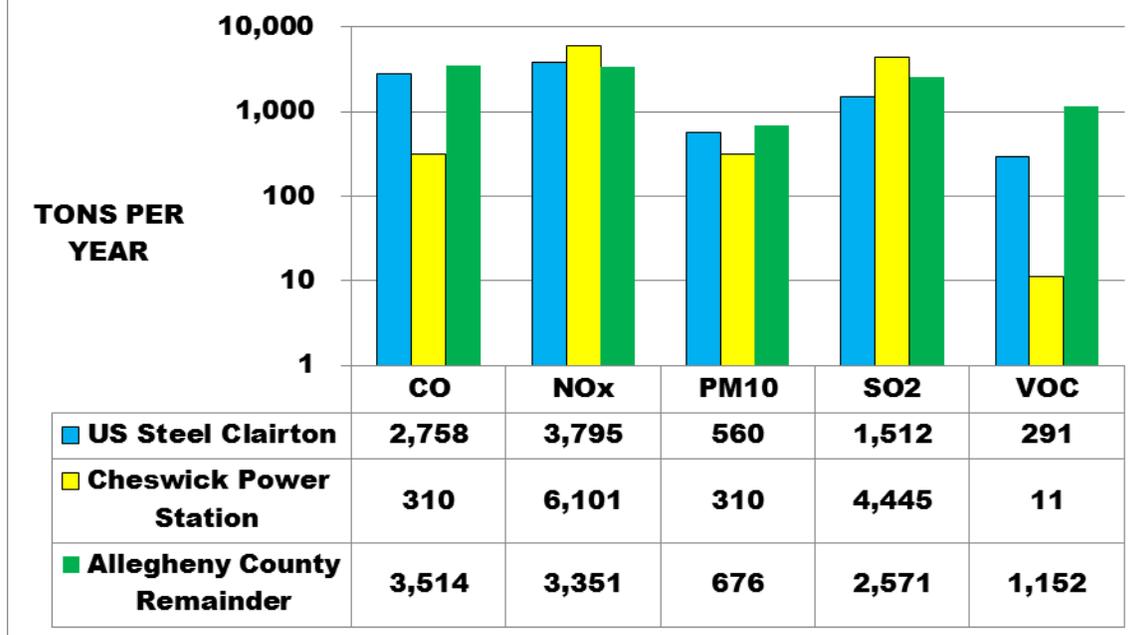
Clairton’s 2014 emissions accounted for the following percentages of the totals reported in the 2014 ACHD Air Quality Emission Inventory.

- CO – 42.0%
- NO_x – 28.7%
- PM₁₀ – 36.3%
- SO₂ – 17.7%
- VOC – 20.0%

Graph 6b compares criteria emissions in 2014 from the Clairton Coke Works to those from the Cheswick Power Station and the County Remainder

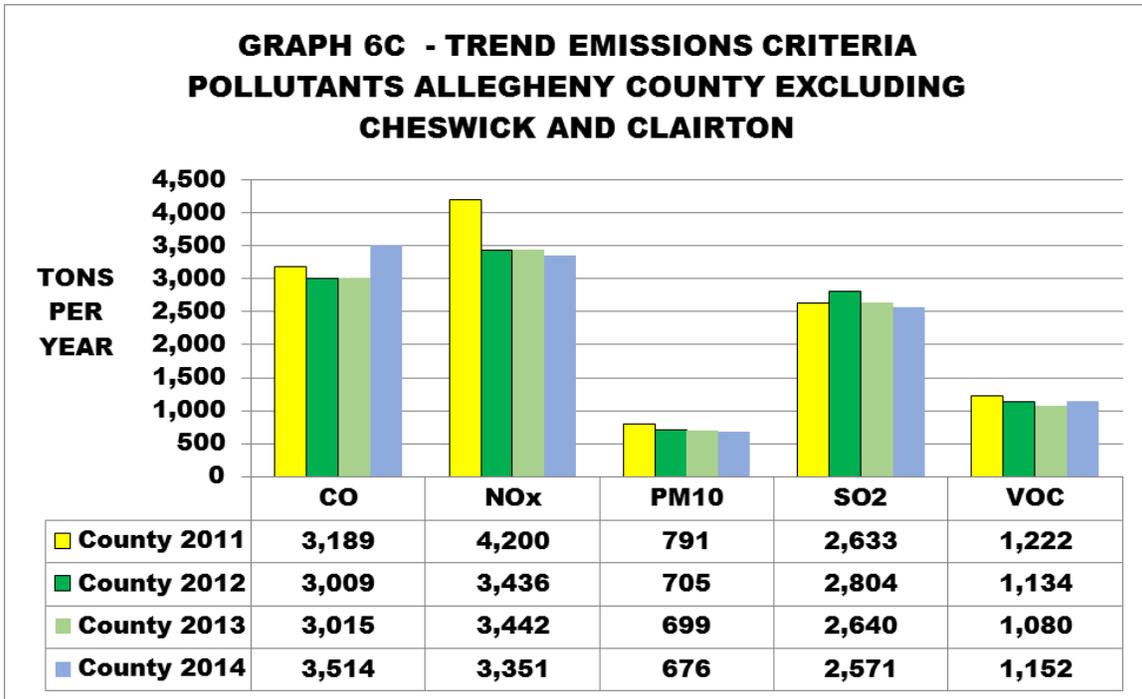
Graph 6b shows Cheswick’s emissions of NOx exceeded Clairton’s by 60.8% and those of SO₂ by 194%. Cheswick’s NOx emissions were 82.1% higher and emissions of sulfur dioxide 72.9% higher in 2014 than those of the rest of the County excluding Clairton. But emissions of carbon monoxide, volatile organic compounds and PM₁₀ from the Clairton Coke Works exceeded those from the Cheswick Power Station and were 78.5%, 25.3% and 82.8% respectively of the level of emissions from the other sources included in the inventory after excluding Cheswick.

GRAPH6b - COMPARISON 2014 CRITERIA EMISSIONS CLAIRTON COKE WORKS AND CHESWICK POWER STATION WITH COUNTY REMAINDER



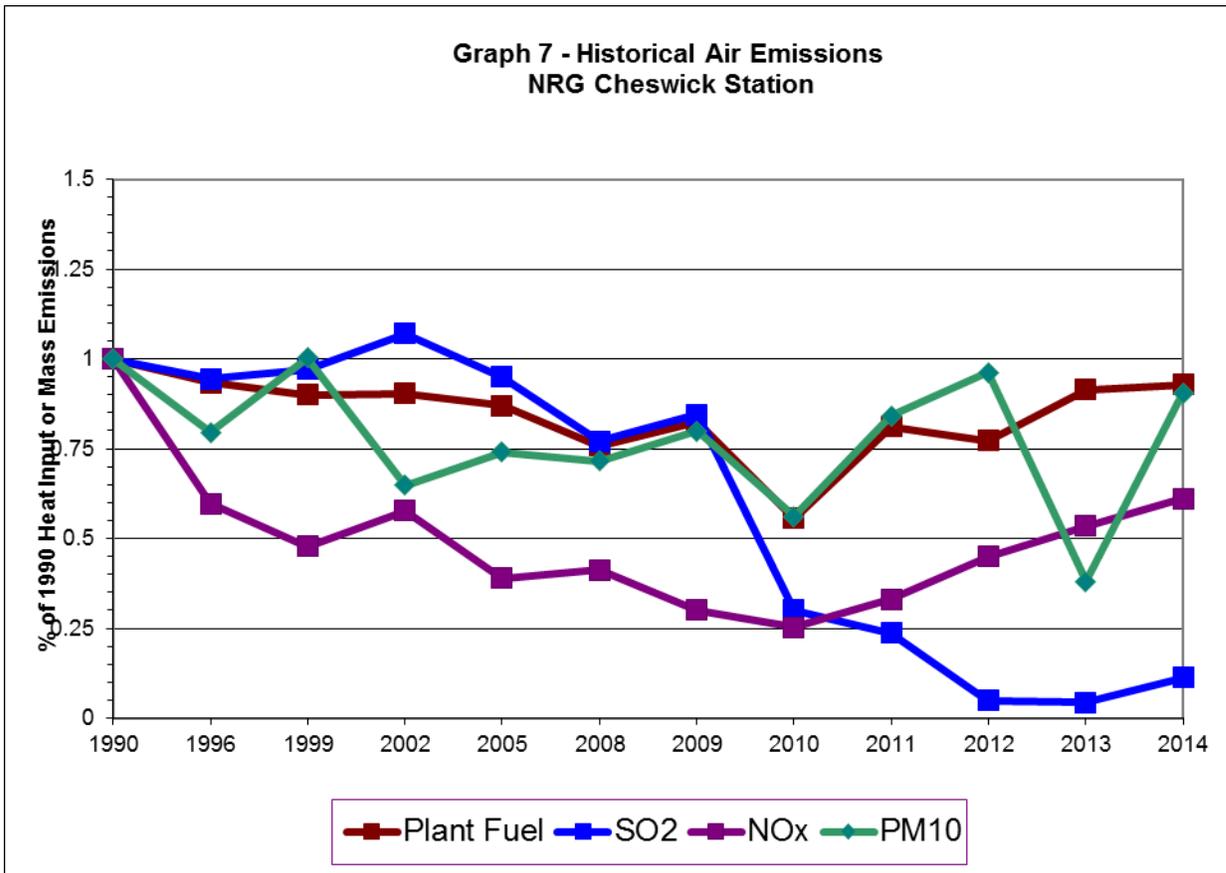
Operations at Cheswick fluctuate with the demand for electricity, which is dependent on many economic factors. Demand for power from the plant no longer disproportionately determines the total level of pollution in the County. In 2014 both the Cheswick Power Plant and the USS Clairton Coke Works dominated emission levels in the County. Both plants generated 46.7% of the carbon monoxide emitted, 74.8% of the NO_x, 56.3% of the PM₁₀, 69.8% of the SO₂, and 20.9% of the VOCs. Emissions from both plants now mask the overall decline in the emissions of all criteria pollutants from the remainder of the sources located in Allegheny County.

Graph 6c illustrates and compares the trend in emissions of criteria pollutants from the remainder of the sources in Allegheny County in 2011, 2012, 2013 and 2014.



In 2009 emissions of SO₂ totaled nearly 41,000 tons. In 2014 the total was only 8529 tons. Much of the decrease in sulfur dioxide emissions can be attributed to the switch to natural gas from coal at Bellefield Boilers, improved and consistent operation of the flue gas desulfurization equipment at Cheswick and consistent operation of the desulfurization plant at Clairton. In addition, Bay Valley Foods has phased out coal combustion. Decreases in sulfur dioxide emissions in 2014 at Bay Valley and Clairton were not sufficient to offset the increase of sulfur dioxide emissions from Cheswick. In 2014 countywide sulfur dioxide emissions increased 42.9%. The overall increase was 2560 tons. The increase at Cheswick totaled 2759.1 tons. This increase seems to have been caused by operational issues with the FGD. Preliminary results for 2015 indicate the plant has resolved these problems as they have reported sulfur dioxide emissions for 2015 of 1,690 tons. Roughly the same as in 2013.

Graph 7 examines trends of emissions of criteria pollutants from the Cheswick Power Station as a function of production since 1990. The sulfur content of the coal burned in 2014 was 3.84%. In 2013 the sulfur content of the coal burned by Cheswick was 3.5%. Sulfur dioxide emissions per unit of energy consumed rose between 2013 and 2014 by 164%. The increase in sulfur dioxide emissions between 2013 and 2014 is partially attributable to a 1% increase in the amount of coal burned a 9.7% increase in the sulfur content of the coal and an 8.4% increase in the plant's operating hours. However most of the increase was caused by operating problems with the FGD.



The installation of particulate and nitrogen oxide control equipment has contributed to the overall decline of emissions of these two pollutants since 1990. The installation of a Selective Catalytic Reduction System (SCR) in 2003 while reducing NO_x emissions increased particulate emission. In 2014 NO_x emissions increased 14.4% and PM10 emissions increased 138.4%. The amount of coal burned while operating the SCR only totaled 1,551 tons or 0.13% of the total coal burned at this facility. This represented a decrease of 9439 tons of coal burned while operating the SCR. Changes in emissions of these two pollutants correlates with the amount of coal burned while not operating the SCR.

Notes to the report:

1. Estimation of PM_{2.5} and condensable particulate (PMCOND) emissions started with the 1999 inventory year. PM and condensable particulate were not reported for 2011 or 2012. Reporting of these pollutants resumed in 2013.
2. Hydrogen sulfide is considered a pollutant in Allegheny County. Ammonia is a particulate precursor. Hydrogen sulfide is listed in the HAPs Table while ammonia is in a separate table. They are not among the 187 compounds designated HAPs by USEPA. Speciated compounds of very toxic HAPs such as hexavalent chromium and dioxin isomers are not specifically listed in ACHD Article XXI as HAPs, but are reported at de-minimus emission levels in the inventory.
3. Lead emissions are included in the HAPs tables.
4. Definitions of Emissions
 - 4.1. Filterable Particulate – Material emitted as liquid or solid at 248°F
 - 4.2. Condensable Particulate (PMCOND) – Material that is not filterable at 248°F and condenses when passed through water in an ice bath.
 - 4.3. Total Particulate (PT) – Filterable Particulate
 - 4.4. PM₁₀ - Filterable particulate with aerodynamic diameter less than 10 microns.
 - 4.5. PM_{2.5} - Filterable particulate with aerodynamic diameter less than 2.5 microns
 - 4.6. Volatile Organic Compounds (VOCs) – Organic material that is photo reactive and a gas at 250°F. It contributes to the formation of ozone.
5. The Attachment B lists yearly emissions of HAPs for each source from 1999 - 2014. HAP emissions were estimated prior to this, but results are believed to be less accurate.
6. The Bay Valley facility, formerly Heinz, is in the category Industrial Coal Fired Boiler.
7. Emission estimates for each facility are calculated each year. Estimates of previous years are not normally updated if emission factors or estimation techniques change for processes.

Attachment A
Individual Facility Criteria Pollutant
Emissions

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A: Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NOx	PM10 _{FIL}	PM2.5 _{FIL}	PMCOND	PT _{FIL}	SO2	NH3	VOC	SIC CODE	SIC DESCRIPTION
911 AIR LIFT WING, PITTSBURGH PIA/ARS 1100 Herman Ave Coraopolis, PA 15108 (Source no longer required to submit emissions inventory)	15108	2004	8.08	10.95	2.00	1.94	0.10	2.41	0.39		1.89	9711	NATIONAL SECURITY
		2005	12.45	17.46	2.98	2.86	0.00	4.86	0.93		2.93		
		2006	9.75	24.39	4.56	4.23	0.10	6.40	1.30		2.91		
		2007	10.05	24.14	4.65	4.27	0.10	6.74	1.28		3.07		
		2008	12.30	28.59	5.50	4.87	0.10	8.89	1.51		3.58		
		2009	11.38	22.74	5.04	4.43	0.10	8.40	1.35		3.36		
		2010	18.10	31.80	8.40	3.71			1.80		4.20		
		2011	9.95	27.24	16.24	16.24			1.93	0.00	3.30		
		2012	1.43	3.09	10.07	0.83			0.11	0.00	1.07		
		2013	5.14	17.09	12.31	9.68	0.47		0.27	0.01	2.29		
ACN-PITTSBURGH, LLC 1011 Middlesex Road Pittsburgh, PA 15044 (NO LONGER OPERATING)	15044	2000	1.35	2.29	4.99	4.96	0.08	8.52	0.05		47.34	7699	SERVICES - REPAIR SERVICES, NEC
		2001	1.22	1.97	4.90	3.33	0.08	8.46	0.03		36.28		
		2002	1.28	2.17	5.55	2.51	0.08	9.92	0.12		49.31		
		2003	1.49	2.59	7.42	3.45	0.09	14.16	0.13		72.28		
		2004	1.76	3.07	6.52	3.69	0.11	12.86	0.17		81.04		
		2005	1.88	3.62	6.76	1.17	0.11	20.10	0.31		115.23		
		2006	1.79	3.25	6.52	5.43	0.12	15.30	0.19		65.48		
		2007	1.79	3.11	8.72	7.80	0.11	14.76	0.05		66.30		
		2008	1.65	2.97	8.58	7.60	0.10	14.91	0.06		64.08		
		2009	1.43	2.53	7.28	6.50	0.09	12.43	0.05		51.49		
		2010	1.70	3.00	8.10	7.15			0.10	0.06	39.80		
		2011	1.93	3.31	7.29	6.05			0.06	0.07	38.83		
		2012	1.35	2.35	4.90	4.31			0.04	0.05	27.02		
ALLEGHENY AGGREGATES, INC. FORMERLY HEIGHTS PLAZA MATERIALS, INC Springhill Road P.O. Box 315 Natrona Heights, PA 15065 (Source no longer required to submit emissions inventory)	15065	2000	1.87	8.63	6.42	1.80	0.61	25.30	0.57		0.71	1442	CONSTRUCTION SAND & GRAVEL
		2001	1.89	8.73	4.50	1.29	0.61	14.54	0.57		0.71		
		2002	1.90	8.80	4.48	1.29	0.62	20.21	0.58		0.72		
		2003	1.68	7.78	4.37	1.21	0.55	19.98	0.51		0.64		
		2004	2.17	10.01	8.12	1.99	0.70	23.26	0.66		0.82		
		2005	3.10	14.38	10.53	2.62	1.01	31.98	0.93		1.15		
		2006	2.44	11.33	2.27	1.04	0.79	5.59	0.74		0.91		
		2007	9.23	11.03	0.21	0.21	0.63	0.21	0.14		0.75		
		2008	2.07	9.61	1.47	0.76	0.67	3.17	0.62		0.77		
		2009	1.22	5.62	9.29	1.34	0.39	28.20	0.36		0.45		
		2010	1.40	6.50	10.80	1.55			0.40		0.50		
		2011	2.12	9.84	8.21	1.48			0.64	0.00	0.79		
		2012	0.98	4.51	1.64	0.45			0.29	0.00	0.36		
		2013	0.12	0.52	0.28	0.07	0.04		0.03	0.00	0.04		
ALLEGHENY COUNTY AIRPORT AUTHORITY 4th Fl. Mezzanine Level, Landside Terminal Pittsburgh, PA 15231-0370	15231	2000	7.51	8.94	0.17	0.17	0.51	0.68	0.05		0.49	4581	AIRPORTS, FLYING FIELDS, & SERVICES
		2001	13.03	15.51	0.29	0.29	0.88	0.29	0.09		8.23		
		2002	7.52	9.15	0.18	0.17	0.51	0.18	0.05		15.31		
		2003	8.41	10.33	0.20	0.19	0.57	0.20	0.06		19.49		
		2004	8.59	10.62	0.21	0.21	0.58	0.21	0.06		18.53		
		2005	8.79	11.02	0.22	0.22	0.59	0.22	0.07		14.93		
		2006	8.27	10.30	0.20	0.20	0.56	0.20	0.06		12.53		
		2007	8.23	10.23	0.20	0.20	0.55	0.20	0.06		12.66		
		2008	8.32	10.26	0.20	0.20	0.56	0.20	0.06		12.09		
		2009	8.48	10.62	0.21	0.21	0.58	0.21	0.07		11.27		
		2010	8.40	10.50	3.50	3.22			0.10		23.20		
		2011	10.46	12.79	3.33	3.09			0.09	0.00	27.74		
		2012	7.05	8.65	3.67	3.45			0.06	0.00	23.30		
		2013	8.37	10.40	2.89	2.63	0.56		0.06		21.02		
2014	7.78	9.88	2.88	2.62	0.54		0.06	0.01	21.96				
ALLEGHENY COUNTY SANITARY AUTHORITY 3300 Preble Avenue Pittsburgh, PA 15233-1092	15233	2000	17.68	5.66	1.24	0.81	0.95	5.00	15.97		21.33	4952	SEWERAGE SYSTEMS
		2001	20.49	6.00	1.25	0.81	1.10	5.28	19.08		16.61		
		2002	22.31	7.00	1.26	0.83	1.21	5.42	20.30		16.67		
		2003	21.02	6.94	1.27	0.83	1.14	5.29	18.90		16.66		
		2004	0.74	4.26	1.21	0.79	0.73	4.65	12.35		16.16		
		2005	14.19	4.21	1.25	0.81	0.16	5.41	13.16		16.57		
		2006	2.61	5.48	6.45	1.60	0.99	31.81	17.13		14.88		
		2007	19.62	6.43	2.63	1.10	0.73	11.43	17.57		15.29		
		2008	1.43	5.67	1.88	0.99	0.95	7.93	15.92		13.52		
		2009	2.55	6.06	2.06	0.94	1.05	9.00	17.78		11.95		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A: Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NOx	PM10 _{FIL}	PM2.5 _{FIL}	PMCOND	PT _{FIL}	SO2	NH3	VOC	SIC CODE	SIC DESCRIPTION
		2010	5.30	45.50	0.20	0.12			0.60		11.70		
		2011	7.07	74.65	0.27	0.12			1.02	0.00	11.97		
		2012	7.84	72.41	1.10	0.17			1.00	0.00	11.15		
		2013	5.05	73.19	1.09	0.17	0.79		1.01		11.96		
		2014	2.94	77.29	1.47	0.24	0.82		1.05		12.46		
ALLEGHENY ENERGY SUPPLY - SPRINGDALE CGT Butler Street ext Springdale, PA 15144	15144	2000	12.78	12.36	0.33	0.16	0.82	0.33	0.59		0.37	4911	ELECTRIC SERVICES
		2001	14.12	13.64	0.36	0.36	0.90	0.36	0.65		0.39		
		2002	24.25	23.30	0.63	0.63	0.00	0.63	0.01		0.69		
		2003	57.21	61.01	5.45	5.45	4.16	5.45	0.52		22.04		
		2004	158.16	60.70	10.72	10.72	9.68	10.72	1.21		16.74		
		2005	60.35	51.40	6.61	6.61	5.24	6.61	0.67		11.64		
		2006	23.82	27.10	5.18	5.18	4.65	5.18	0.59		10.57		
		2007	354.30	69.16	11.05	11.05	12.60	11.05	1.57		25.31		
		2008	99.34	22.10	3.01	3.01	3.22	3.01	0.40		8.59		
		2009	140.99	38.24	10.95	10.95	11.91	10.95	1.50		13.54		
		2010	251.50	61.40	13.10	9.32			1.80	21.00	23.60		
		2011	183.91	40.07	9.74	9.32			1.28	14.17	15.49		
		2012	106.32	108.40	23.30	12.38			6.65	79.30	16.56		
		2013	100.08	125.20	26.85	14.48	272.10		7.49	92.29	24.71		
		2014	114.68	136.00	28.29	14.95	292.35		8.16	100.05	23.23		
ALLEGHENY LUDLUM CORP 100 River Rd. Brackenridge, PA 15014	15014	2000	671.19	375.23	333.61	264.68	100.35	445.18	39.31		160.13	3312	BLAST FURNACES & STEEL MILLS
		2001	628.81	323.96	265.20	210.92	86.07	342.05	36.99		134.18		
		2002	603.04	351.61	266.42	204.00	56.74	353.75	40.38		135.36		
		2003	630.15	332.00	256.32	211.22	64.12	331.64	37.68		132.21		
		2004	384.55	394.99	251.17	208.86	78.39	326.52	62.96		139.40		
		2005	227.16	276.97	216.18	177.71	55.14	289.51	48.07		108.02		
		2006	264.84	336.26	298.71	230.74	90.85	380.15	53.64		96.12		
		2007	196.57	246.26	259.74	205.43	68.62	330.92	37.03		73.21		
		2008	203.89	227.12	262.45	205.69	71.37	373.47	36.23		72.31		
		2009	288.59	228.76	238.90	190.01	65.28	353.25	66.57		103.54		
		2010	272.20	249.20	160.90	120.27			58.20	4.54	97.90		
		2011	383.89	254.59	132.01	106.11			32.65	4.33	61.59		
		2012	371.73	232.86	129.01	100.62			31.79	4.03	58.96		
		2013	361.46	221.90	125.48	93.18	77.49		31.05	3.85	57.39		
		2014	421.71	284.33	148.76	103.34	86.46		33.68	5.52	63.58		
ALLE-KISKI MEDICAL CENTER FORMERLY ALLEGHENY VALLEY HOSPITAL 1301 Carlisle Street Natrona Heights, PA 15065 (Source no longer required to submit emissions inventory)	15065	2000	2.58	3.07	0.06	0.06	0.18	0.06	0.02		0.32	8062	GENERAL MEDICAL & SURGICAL HOSPITALS
		2001	0.60	1.97	0.14	0.04	0.01	0.43	6.36		0.18		
		2002	0.60	2.04	0.14	0.03	0.01	0.43	6.36		0.17		
		2003	5.59	6.65	0.18	0.14	0.38	0.38	0.04		0.52		
		2004	6.51	7.75	0.15	0.15	0.44	0.15	0.06		0.83		
		2005	6.71	8.00	0.15	0.15	0.46	0.15	0.07		0.91		
		2006	8.74	10.44	0.20	0.20	0.59	0.20	0.14		0.90		
		2007	9.23	11.03	0.21	0.21	0.63	0.21	0.14		0.75		
		2008	7.92	9.46	0.18	0.18	0.54	0.18	0.12		0.57		
		2009	8.36	10.47	0.20	0.20	0.56	0.21	0.09		0.58		
		2010	6.60	8.50	0.20	0.17			0.10	0.34	0.50		
		2011	2.16	2.95	0.06	0.06			0.04	0.01	0.18		
		2012	2.53	3.54	0.06	0.06			0.05	0.01	0.37		
		2013	2.59	3.64	0.06	0.06	0.17		0.06	0.01	0.44		
ALLIED WASTE SERVICES OF PENNSYLVANIA 11 Boggs Road Imperial, PA 15126	15126	2000	280.77	58.32	58.23	18.81	3.75	107.35	8.01		35.32	4953	REFUSE SYSTEMS
		2001	13.77	56.24	86.21	19.86	0.00	207.21	15.98		10.84		
		2002	16.48	68.32	92.13	25.87	0.00	224.09	19.18		11.00		
		2003	15.94	66.15	85.30	50.93	0.00	254.80	18.54		10.60		
		2004	17.86	74.68	93.43	55.41	0.00	262.19	21.36		12.58		
		2005	18.42	75.71	86.72	56.53	3.41	232.28	14.33		13.51		
		2006	13.79	71.05	61.43	61.30	8.99	137.02	12.28		13.13		
		2007	12.41	63.07	37.02	36.15	6.41	74.00	8.76		7.24		
		2008	12.75	66.57	45.81	33.58	8.39	97.60	11.46		26.15		
		2009	12.84	68.33	44.66	34.88	8.44	92.66	11.61		17.04		
		2010	11.80	67.70	72.60	62.71			11.30		16.90		
		2011	19.12	75.75	67.91	57.63			18.51	0.00	12.34		
		2012	8.81	28.08	55.59	40.04			15.41	0.02	8.45		
		2013	19.06	77.07	56.82	41.23	3.83		18.93	0.25	13.37		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A: Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NO _x	PM10 _{FIL}	PM2.5 _{FIL}	PMCOND	PT _{FIL}	SO ₂	NH ₃	VOC	SIC CODE	SIC DESCRIPTION	
ALMATIS LEETSDALE FORMERLY NEVILLE PULVERIZED LIME 501 West Park Road Leetsdale, PA 15056 (Source no longer required to submit emissions inventory)	15056	2014	16.18	61.85	55.82	40.49	2.81		17.69	0.19	11.41			
		2000	0.21	0.96	14.13	0.42	0.00	21.18	0.06			0.07	3295	MINERALS, GROUND OR TREATED
		2001	0.25	1.17	3.75	0.37	0.00	9.80	0.08			0.10		
		2002	0.25	1.18	4.12	4.12	0.00	10.71	0.08			0.09		
		2003	0.31	1.46	4.29	4.29	0.00	11.12	0.10			0.11		
		2004	0.41	1.94	5.68	5.68	0.00	14.73	0.13			0.14		
		2005	0.40	1.87	5.78	5.78	0.00	15.00	0.12			0.14		
		2006	0.40	1.87	7.87	7.87	0.00	20.49	0.12			0.14		
		2007	0.44	2.03	8.29	8.29	0.00	21.59	0.13			0.15		
		2008	0.27	1.26	6.83	6.83	0.00	17.82	0.08			0.09		
		2009	0.44	2.05	4.78	4.78	0.00	12.35	0.14			0.15		
		2010	0.20	0.90	5.50	5.53			0.10			0.10		
		2011	0.05	0.22	4.87	4.29			0.01		0.00	0.02		
		2012	0.03	0.15	4.70	4.14			0.01		0.00	0.01		
2013			4.39	4.39										
AMERICAN BRIDGE MANUFACTURING 2000 American Bridge Way Coraopolis, PA 15108 (Source no longer required to submit emissions inventory)	15108	2001	0.82	2.71	14.51	1.44	0.19	37.36	0.12			26.07	3441	FABRICATED STRUCTURAL METAL
		2002	0.93	2.84	2.54	0.57	0.19	8.66	0.13			7.72		
		2003	1.00	3.13	4.46	4.46	0.22	30.26	0.14			11.67		
		2004	1.08	3.22	4.56	4.56	0.22	25.27	0.14			9.64		
		2005	0.24	1.12	5.04	5.04	0.08	32.66	0.07			11.79		
		2006	0.86	3.06	3.59	1.15	0.21	12.54	0.18			15.54		
		2007	2.16	9.26	4.48	4.48	0.66	18.07	0.59			9.52		
		2008	1.72	7.00	7.45	7.40	0.48	24.65	0.35			6.42		
		2009	1.72	7.38	8.20	5.94	0.51	23.21	0.47			17.70		
		2010	1.50	6.00	5.80	5.79			0.40		0.01	15.80		
		2011	1.05	4.38	6.24	5.42			0.22		0.01	14.14		
		2012	1.22	5.21	5.46	5.11			0.26		0.01	12.35		
		2013	1.40	5.83	4.78	4.51	0.01		0.29		0.01	9.48		
		ASHLAND SPECIALTY CHEMICAL CO 2650 Neville Road Pittsburgh, PA 15225	15225	2000	554.27	35.79	2.66	2.02	0.03	6.41	4.18		127.44	2821
2001	367.48			34.27	1.82	1.74	1.13	2.25	4.33		93.99			
2002	171.04			46.99	2.23	1.93	1.58	3.88	0.22		12.48			
2003	162.91			45.16	1.90	1.86	1.50	2.23	0.21		17.96			
2004	35.21			33.80	1.87	1.83	1.46	2.09	0.53		17.54			
2005	34.64			29.45	1.83	1.76	1.23	2.18	0.50		17.52			
2006	45.69			31.09	1.88	1.84	1.25	2.10	0.19		16.27			
2007	36.56			18.81	0.69	0.62	0.68	1.03	0.09		17.27			
2008	17.58			7.89	0.45	0.41	0.28	0.63	0.09		12.94			
2009	15.26			9.52	1.39	1.28	0.18	1.57	0.06		11.10			
2010	6.40			10.70	2.10	1.78			0.10		0.10	10.3		
2011	7.75			11.48	1.84	1.44			0.07		0.20	9.83		
2012	5.68			11.19	1.90	1.51			0.06		0.19	10.80		
2013	5.87			12.87	2.03	1.99	0.95		0.05		0.34	9.74		
2014	4.13	11.81	1.91	1.87	0.60		0.06		0.38	10.06				
ASHLAND TERMINALS (formerly Sunoco Chemicals) 200 Neville Road Pittsburgh, Pa. 15225 (Source no longer required to submit emissions inventory)	15225	2000	18.49	2.87	3.26	3.00	0.03	4.72	0.03		16.02	2869	INDUSTRIAL ORGANIC CHEMICALS	
		2001	0.05	0.00	2.56	0.24	0.00	2.60	0.00			8.01		
		2002	4.01	0.10	0.60	0.53	0.00	0.96	0.01			12.11		
		2003	7.64	0.20	2.71	2.64	0.00	3.10	0.01			11.00		
		2004	8.74	0.23	2.49	2.48	0.00	2.51	0.01			29.72		
		2005	3.72	0.10	2.43	2.37	0.00	2.73	0.00			29.64		
		2006	0.07	0.19	1.63	1.59	0.00	1.86	0.01			36.32		
		2007	0.02	0.05	0.57	0.56	0.00	0.64	0.00			7.08		
		2008	0.02	0.05	0.09	0.08	0.00	0.15	0.00			0.59		
		2009	0.00	0.00	0.05	0.05	0.00	0.05	0.00			0.28		
		2010	0.00	0.00	0.07	0.07						0.27		
2011	0.00	0.00	0.05	0.05				0.00		0.00				
2012	0.00	0.00	0.00	0.00				0.00		0.00				
BASIC CARBIDE 900 Blythedale Road Buena Vista, PA 15018	15018	2008	0.93	1.11	0.02	0.02	0.06	0.02	0.01		16.46	3999	MISC. MFG INDUSTRIES	
		2009	0.76	0.90	0.02	0.02	0.05	0.02	0.01		11.11			
		2010	3.50	4.60	0.40	0.02			0.10		0.00	1.90		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A: Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NOx	PM10 _{ₚₗ}	PM2.5 _{ₚₗ}	PMCOND	PT _{ₚₗ}	SO2	NH3	VOC	SIC CODE	SIC DESCRIPTION
		2011	0.11	0.11	0.02	0.02			0.00	0.00	22.91		
		2012	0.09	0.10	0.01	0.01			0.00	0.00	26.81		
		2013	0.11	0.12	0.01	0.01	0.01		0.00	0.00	23.30		
		2014	0.09	0.11	0.99	0.99	0.01		0.00	0.00	24.79		
BAY VALLEY FOODS, LLC FORMERLY DLM FOODS & HEINZ 1080 River Ave. Pittsburgh, PA 15212	15212	2000	158.15	301.33	86.01	16.75	1.18	130.50	692.40		32.37	2032	CANNED SPECIALTIES
		2001	142.10	267.32	74.90	13.89	1.12	114.10	617.15		10.04		
		2002	146.18	214.48	82.13	20.85	1.15	144.83	626.47		6.27		
		2003	145.89	215.62	80.37	20.87	1.14	141.26	622.86		5.68		
		2004	142.10	208.25	65.10	51.43	24.33	116.37	598.64		7.66		
		2005	131.89	193.92	55.71	44.39	21.85	98.24	542.31		4.76		
		2006	130.89	191.91	52.25	41.16	21.49	93.86	537.81		4.75		
		2007	49.56	208.13	50.19	39.51	20.58	85.53	543.08		4.09		
		2008	46.65	184.78	46.23	36.29	18.20	79.22	487.40		4.79		
		2009	113.33	240.51	33.94	26.07	18.56	90.23	960.39		13.38		
		2010	114.60	137.50	20.00	20.00			289.00		2.20		
		2011	42.80	211.59	1.46	0.62			313.17	0.00	1.33		
		2012	93.59	152.73	1.66	1.61			288.22	0.45	1.62		
		2013	88.69	145.04	1.60	1.55	3.89		208.80	0.55	1.87		
2014	39.44	46.88	0.20	0.15	0.30		12.75	1.55	3.02				
BELLEFIELD BOILER PLANT 4400 Forbes Avenue Pittsburgh, PA 15213	15213	2000	157.44	197.64	69.06	7.72	2.90	138.01	601.16		3.66	4961	STEAM SUPPLY
		2001	162.96	188.32	76.69	8.83	2.41	148.21	732.63		3.63		
		2002	176.10	197.30	80.30	16.39	2.61	158.51	722.02		4.03		
		2003	180.31	286.53	65.17	18.14	2.87	131.89	779.69		3.25		
		2004	172.78	272.02	53.22	32.08	27.84	116.72	760.03		2.72		
		2005	170.50	256.30	56.26	35.62	26.20	116.06	694.76		3.45		
		2006	22.90	239.86	80.34	53.61	25.51	160.12	699.02		3.38		
		2007	27.46	253.86	80.87	50.32	27.47	169.07	707.46		3.30		
		2008	12.02	294.59	150.43	101.38	30.22	298.95	795.07		4.02		
		2009	21.43	200.78	42.00	29.19	17.51	87.37	360.53		4.37		
		2010	36.60	82.70	1.30	1.27			0.40	0.33	3.70		
		2011	35.08	77.08	1.18	1.18			0.38	0.30	3.41		
		2012	6.38	62.58	1.08	1.08			0.34	0.28	3.13		
		2013	6.92	66.72	1.15	1.15	3.44		0.36	0.30	3.32		
2014	5.16	55.82	0.97	0.97	2.90		0.32	0.25	2.80				
BETTIS ATOMIC POWER LABORATORY 814 Pittsburgh McKeesport Blvd. Pittsburgh, PA 15122 (Source no longer required to submit emissions inventory)	15122	2000	5.41	6.92	0.13	0.12	0.35	0.14	0.19		0.81	8731	COMMERCIAL PHYSICAL RESEARCH
		2001	3.34	4.65	0.12	0.10	0.20	0.19	0.06		1.00		
		2002	4.57	5.87	0.11	0.11	0.29	0.13	0.04		0.85		
		2003	3.74	4.87	0.09	0.08	0.23	0.11	0.05		0.67		
		2004	3.98	5.37	0.13	0.13	0.25	0.15	0.05		0.78		
		2005	3.49	4.86	0.13	0.12	0.21	0.15	0.05		0.51		
		2006	2.75	3.85	0.10	0.10	0.16	0.12	0.04		0.41		
		2007	3.40	4.59	0.11	0.11	0.21	0.13	0.13		0.52		
		2008	3.56	4.71	0.11	0.11	0.22	0.13	0.04		0.53		
		2009	3.15	4.51	0.13	0.12	0.19	0.15	0.06		0.48		
		2010	3.10	4.00	0.10	0.09			0.00	0.02	0.40		
		2011	3.35	4.73	0.12	0.12			0.05	0.02	0.43		
		2012	2.90	4.08	0.10	0.10			0.04	0.01	0.50		
		2013	2.99	3.89	0.10	0.10	0.20		0.05	0.02	0.62		
BP PRODUCTS NORTH AMERICA INC. 3200 University Blvd Coraopolis, PA 15108 (combined with Buckeye Pipeline)	15108	2000	0.05	0.06	0.06	0.01	0.00	0.28	0.00		34.13	5171	PETROLEUM BULK STATIONS & TERMINALS
		2001	0.04	0.05	0.07	0.01	0.00	0.30	0.00		18.41		
		2002	0.06	0.07	0.06	0.01	0.00	0.29	0.00		20.75		
		2003	0.06	0.07	0.06	0.01	0.00	0.28	0.00		16.79		
		2004	0.02	0.02	0.05	0.01	0.00	0.25	0.00		16.68		
		2005	0.02	0.02	0.06	0.01	0.00	0.26	0.00		16.59		
		2006	0.03	0.00	0.06	0.01	0.00	0.26	0.00		16.65		
		2007	0.04	0.04	0.06	0.02	0.00	0.27	0.00		17.58		
		2008	0.01	0.01	0.06	0.01	0.00	0.25	0.00		14.98		
		2009	0.02	0.02	0.05	0.01	0.00	0.23	0.00		13.00		
		2010	0.00	0.00	0.00	0.00			0.00		11.30		
		2011	0.01	0.01	0.04	0.01			0.00	0.00	11.34		
		2012	0.00	0.00	0.00	0.00			0.00	0.00	0.00		
BRAD FOOTE GEAR WORKS, INC.		2011	2.72	3.26	3.99	3.99			0.03	0.10	0.21	3566	SPEED CHANGERS, INDUSTRIAL HIGH-SPEED DRIVES, AND GEARS

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A: Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NOx	PM10 _{FIL}	PM2.5 _{FIL}	PMCOND	PT _{FIL}	SO2	NH3	VOC	SIC CODE	SIC DESCRIPTION
(Source no longer required to submit emissions inventory)		2012	2.71	3.23	2.96	2.96			0.02	0.50	0.20		
		2013	2.47	2.94	2.97	2.97	0.17		0.02	0.09	0.32		
		2014	0.11	0.42	0.03	0.03	0.03		0.03	0.00	10.48		
BROUDY PRINTING 221 AUBURN STREET PITTSBURGH, Pa 15216	15216	2010	0.10	0.20	0.00	0.02			0.00	0.00	9.00	2752	PRINTED MATERIAL
		2011	0.08	0.30	0.02	0.02			0.02	0.00	8.19		
		2012	0.05	0.19	0.01	0.01			0.01	0.00	7.94		
		2013	0.04	0.11	0.01	0.01	0.01		0.01	0.00	8.74		
		2014	0.11	0.42	0.03	0.03	0.03		0.03	0.00	10.48		
BUCKEYE CORAOPOLIS PIPELINE FACILITY 3324 University Blvd Coraopolis, PA 15108	15108	2000	0.49	1.21	0.00	0.00	0.00	0.00	0.00		33.58	4613	REFINED PETROLEUM PIPELINES
		2001	0.78	1.96	0.00	0.00	0.00	0.00	0.00		31.05		
		2002	1.76	4.39	0.00	0.00	0.00	0.00	0.00		33.61		
		2003	2.77	6.93	0.00	0.00	0.00	0.00	0.00		34.79		
		2004	2.38	5.94	0.00	0.00	0.00	0.00	0.00		27.81		
		2005	2.11	5.27	0.00	0.00	0.00	0.00	0.00		28.11		
		2006	1.61	4.03	0.00	0.00	0.00	0.00	0.00		24.81		
		2007	1.52	3.80	0.00	0.00	0.00	0.00	0.00		29.60		
		2008	1.39	3.54	0.00	0.00	0.00	0.00	0.00		31.89		
		2009	0.32	0.82	0.00	0.00	0.00	0.00	0.00		12.98		
		2010	0.35	0.89	0.00	0.00	0.00	0.00	0.00		1.96		
		2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.32		
		2012	0.01	0.01	0.04	0.01	0.00	0.00	0.00	0.00	24.87		
		2013	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	17.92		
2014	0.82	0.97	0.09	0.08	0.09	0.01	0.01	0.01	19.77				
CALGON CARBON CORPORATION 500 Calgon Carbon Drive Pittsburgh, PA 15225	15225	2000	11.21	19.81	4.78	3.25	0.00	5.63	1.79		5.56	2819	INDUSTRIAL INORGANIC CHEMICALS
		2001	4.74	6.89	4.67	3.24	0.00	7.23	2.40		1.16		
		2002	4.29	6.49	4.58	3.19	0.00	7.06	2.54		1.18		
		2003	3.22	5.11	4.81	3.33	0.00	7.09	3.17		1.26		
		2004	4.36	6.05	4.68	2.89	0.00	7.43	2.42		1.16		
		2005	4.88	4.76	2.93	2.32	0.12	3.56	2.97		1.02		
		2006	3.89	4.40	1.65	1.29	0.12	2.02	1.03		1.28		
		2007	5.22	4.46	2.74	2.16	0.12	3.37	2.94		1.95		
		2008	4.72	4.08	2.17	1.74	0.10	2.71	2.56		1.66		
		2009	3.03	3.19	0.78	0.57	0.09	1.08	0.13		1.52		
		2010	1.70	1.90	0.49	0.49		0.10	0.10	160.60	1.30		
		2011	2.03	2.19	5.12	5.12		0.07	125.29	1.24			
		2012	0.95	4.91	4.76	4.76		0.04	125.00	1.03			
		2013	1.24	4.90	4.63	4.63	0.07	0.04	65.20	0.77			
2014	1.18	5.42	6.13	6.13	0.18	0.04	147.90	1.06					
CARRILLO STREET STEAM PLANT University of Pittsburgh 2740 Carrillo Street Pittsburgh, PA 15260 (Combined with University of Pittsburgh Main Campus for 2014)	15260	2009	0.00	0.06	0.00	0.00	0.01	0.00	0.00		0.01	8221	COLLEGES, UNIVERSITIES, & PROFESSIONAL SCHOOLS
		2010	16.60	3.50	0.80	0.80			0.30		2.40		
		2011	16.81	4.85	0.81	0.81			0.26	0.00	2.36		
		2012	18.09	4.19	0.87	0.87			0.28	1.47	2.57		
		2013	19.90	4.71	0.96	0.96	2.87		0.31	1.61	2.82		
CHAMBERS DEVELOPMENT CO., INC. 600 Thomas Street Monroeville, PA 15146	15146	2000	21.05	86.65	27.76	9.08	2.04	48.98	7.97		15.70	4953	REFUSE SYSTEMS
		2001	16.32	69.26	17.10	8.39	1.05	31.17	16.19		11.85		
		2002	12.70	51.98	47.55	17.31	1.15	78.30	12.32		9.71		
		2003	13.96	57.86	40.43	9.57	1.15	78.10	13.65		13.87		
		2004	13.46	56.36	47.36	16.32	0.96	92.03	13.26		9.93		
		2005	20.65	48.89	53.84	29.56	1.37	137.12	5.88		9.54		
		2006	10.72	47.08	29.31	9.34	0.33	90.87	3.74		13.99		
		2007	12.46	52.11	16.84	9.23	0.32	39.99	5.24		8.88		
		2008	14.83	57.59	15.80	7.88	0.42	39.93	7.34		10.84		
		2009	17.95	41.71	19.44	19.44	1.51	19.51	6.59		12.65		
		2010	13.50	41.40	16.50	15.20			4.70		11.80		
		2011	15.96	38.32	16.03	16.03			5.89	0.00	11.59		
		2012	15.26	40.82	7.92	7.92			5.50	0.00	11.88		
		2013	5.27	1.74	7.72	7.72	1.14		2.24		8.78		
2014	4.70	1.56	7.54	7.54	1.07		2.09		8.83				
CHILDRENS' HOSPITAL OF PITTSBURGH - LAWRENCEVILLE 4401 Penn Ave												8062	GENERAL MEDICAL & SURGICAL HOSPITALS

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A: Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NOx	PM10 _{FIL}	PM2.5 _{FIL}	PMCOND	PT _{FIL}	SO2	NH3	VOC	SIC CODE	SIC DESCRIPTION
Pittsburgh, PA 15224		2014	12.37	14.73	0.03	0.02	0.05		0.10	0.07	0.83		
CLAIRTON SLAG, INC. 1 Dove Way West Elizabeth, PA 15088	15088	2000	18.50	20.69	12.93	1.66	0.01	23.35	4.41		6.74	2951	PAVING MIXTURES & BLOCKS
		2001	9.28	22.73	12.34	2.70	0.01	19.12	3.94		7.00		
		2002	14.33	17.51	9.80	10.46	0.01	15.11	3.08		4.80		
		2003	14.53	32.12	18.01	15.43	0.37	34.53	3.70		4.78		
		2004	12.05	16.27	4.31	3.85	0.37	12.89	1.14		1.59		
		2005	11.07	15.13	3.57	3.21	0.34	10.11	1.11		1.49		
		2006	10.74	14.54	4.20	3.65	0.33	12.56	1.02		3.39		
		2007	9.16	10.95	2.75	2.45	0.29	7.84	0.77		1.15		
		2008	7.42	11.64	3.02	2.64	0.21	8.88	0.81		1.08		
		2009	8.79	10.29	2.92	2.60	0.29	8.74	0.73		1.09		
		2010	7.80	12.50	3.10	2.93			0.90		1.20		
		2011	1.76	8.10	1.73	1.64			0.54	0.00	0.56		
		2012	2.31	10.62	2.30	2.21			0.71	0.00	0.73		
		2013	2.71	12.44	2.51	2.39			0.83		0.85		
CP INDUSTRIES 2214 Walnut Street McKeesport, PA 15132	15132	2000	3.16	3.76	3.33	2.49	0.21	3.43	0.02		2.46	3499	FABRICATED METAL PRODUCTS
		2001	2.32	2.76	3.31	2.48	0.16	3.41	0.02		2.40		
		2002	1.24	1.48	10.27	1.05	0.08	21.30	0.01		0.50		
		2003	1.39	1.65	8.74	8.74	0.09	18.11	0.01		0.51		
		2004	1.24	1.48	10.27	1.05	0.08	21.30	0.01		0.50		
		2005	1.12	1.34	9.24	0.95	0.08	19.17	0.01		0.50		
		2006	1.05	1.25	8.44	0.87	0.07	17.51	0.01		0.60		
		2007	0.90	1.07	8.64	0.88	0.06	17.93	0.01		1.02		
		2008	0.89	1.06	6.46	0.66	0.06	13.39	0.01		3.57		
		2009	1.28	1.52	6.49	0.69	0.06	13.43	0.01		2.99		
		2010	4.90	5.80	3.70	3.69			0.00		0.26		
		2011	0.91	1.19	3.73	2.21			0.01	0.18	3.22		
		2012	7.54	9.02	3.52	3.08			0.05	0.14	3.22		
		2013	3.95	5.27	1.71	1.71	1.93		0.03	0.18	3.63		
2014	4.36	5.80	1.73	0.28	0.29		0.04	0.14	3.46				
DICE COMPRESSOR STATION 2300 PA Route 286 Pittsburgh, PA 15239	15239	2000	6.88	24.00	0.53	0.53	0.55	0.75	0.01		3.55	4922	TRANSPORTATION & UTILITIES - NATURAL GAS TRANSMISSION
		2001	3.19	23.15	0.40	0.40	0.10	0.40	0.01		2.39		
		2002	3.55	19.84	0.44	0.44	0.12	0.44	0.01		2.60		
		2003	3.76	21.30	0.47	0.47	0.13	0.47	0.01		2.64		
		2004	5.67	35.96	0.72	0.72	0.20	0.72	0.01		2.51		
		2005	4.49	25.25	0.38	0.38	0.11	0.38	0.01		6.13		
		2006	4.08	22.71	0.36	0.36	0.10	0.36	0.01		8.08		
		2007	3.37	22.39	0.35	0.35	0.10	0.35	0.01		8.48		
		2008	4.47	20.41	0.40	0.40	0.11	0.40	0.01		8.55		
		2009	4.87	27.35	0.42	0.42	0.12	0.42	0.01		8.96		
		2010	5.80	29.60	0.50	0.54			0.00	0.00	8.70		
		2011	4.80	21.20	0.60	0.60			0.01	0.00	8.69		
		2012	4.29	33.82	0.63	0.63			0.00	0.00	9.86		
		2013	4.57	33.71	0.64	0.64	0.14		0.00	0.04	18.46		
2014	0.90	1.88	0.09	0.09	0.08		0.01	0.05	15.79				
DUQUESNE UNIVERSITY 600 Forbes Avenue Pittsburgh, PA 15282	15282	2000	6.76	29.36	0.54	0.54	1.29	0.54	0.81		0.82	8221	COLLEGES & UNIVERSITIES
		2001	3.03	27.70	0.58	0.58	1.28	0.58	0.84		0.79		
		2002	3.75	24.65	0.59	0.59	1.20	0.59	0.26		0.78		
		2003	18.08	24.97	0.53	0.53	1.22	0.53	0.21		0.94		
		2004	12.76	26.14	0.55	0.55	1.29	0.55	0.23		0.76		
		2005	13.13	24.49	0.51	0.51	1.25	0.52	0.18		0.77		
		2006	12.93	25.63	0.58	0.58	1.30	0.57	0.25		0.78		
		2007	18.47	16.33	0.58	0.58	1.35	0.57	0.23		5.52		
		2008	19.94	17.33	0.59	0.59	1.42	0.59	0.21		4.08		
		2009	20.32	17.74	0.60	0.60	1.45	0.60	0.21		4.76		
		2010	26.30	18.60	2.50	2.48			0.10	4.30	2.70		
		2011	5.80	21.22	0.57	0.57			0.87	0.88	3.51		
		2012	4.10	17.38	0.54	0.54			0.85	0.83	3.19		
		2013	5.43	18.87	0.57	0.57	1.37		0.82	1.07	4.13		
2014	5.59	19.44	0.08	0.05	0.07		0.84	0.36	5.35				
EASTMAN CHEMICAL RESINS, INC. State Highway 837 & Madison Ave West Elizabeth, PA 15088	15088	2001	13.95	33.53	12.97	1.49	1.66	16.95	4.19		420.20	2821	PLASTICS, MATERIALS & RESINS
		2002	36.14	34.79	14.27	13.04	1.83	19.24	4.92		425.84		
		2003	27.27	35.27	16.20	14.74	0.58	22.63	5.78		371.21		
		2004	75.73	92.77	22.45	20.91	3.80	29.10	6.10		370.46		
		2005	31.84	30.87	19.77	17.21	1.66	29.95	1.27		282.39		
		2006	16.09	39.97	16.66	13.29	1.50	22.80	1.05		164.12		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A: Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NOx	PM10 _{FIL}	PM2.5 _{FIL}	PMCOND	PT _{FIL}	SO2	NH3	VOC	SIC CODE	SIC DESCRIPTION
		2007	29.81	73.30	19.14	14.67	2.09	28.54	4.42		178.01		
		2008	35.90	82.60	15.62	12.67	1.94	23.33	1.46		137.13		
		2009	35.90	82.60	15.62	12.67	1.94	23.33	1.46		137.13		
		2010	20.10	38.60	9.40	8.46			0.60	0.11	115.30		
		2011	21.65	36.98	9.44	8.57			0.39	0.86	111.80		
		2012	22.04	33.81	9.97	8.89			0.44	0.91	113.93		
		2013	21.07	27.28	9.50	8.42	1.43		0.15	0.90	105.66		
		2014	14.83	40.87	10.12	9.04	1.51		0.18	3.46	106.27		
EQUITABLE GAS/CREIGHTON STATION 928 Front Street Creighton, PA 15030	15030	2000	3.83	21.05	0.42	0.42	0.01	0.27	0.01		1.30	4922	NATURAL GAS TRANSMISSION
		2001	5.45	9.82	1.10	1.10	0.29	1.10	0.02		16.29		
		2002	0.88	1.45	0.18	0.18	0.05	0.18	0.00		2.67		
		2003	1.43	4.21	0.18	0.18	0.05	0.18	0.00		0.77		
		2004	8.89	18.72	1.37	1.37	0.35	1.37	0.02		2.97		
		2005	15.19	12.45	3.02	3.02	0.77	3.02	0.05		2.22		
		2006	12.00	10.06	2.38	2.38	0.62	2.38	0.04		1.72		
		2007	18.43	23.82	2.97	2.97	0.78	2.97	0.05		16.56		
		2008	19.59	41.93	2.34	2.34	0.61	2.34	0.04		3.46		
		2009	19.74	30.81	2.40	2.40	0.63	2.40	0.04		6.61		
		2010	16.30	30.60	2.20	2.16			0.00		3.00		
		2011	17.45	33.19	2.30	2.30			0.04	0.00	5.67		
		2012	17.91	29.48	0.78	0.78			0.04	0.00	6.97		
		2013	14.33	25.80	0.72	0.72	0.60		0.04		6.27		
		2014	15.71	21.89	0.70	0.70	0.58		0.03	0.18	33.58		
GALVTECH 300 Mifflin Road Pittsburgh, PA 15207	15207	2000	25.75	30.65	0.82	0.64	1.75	1.83	0.18		3.10	3479	METAL COATING & ALLIED SERVICES
		2001	22.72	27.05	0.75	0.57	1.54	1.76	0.16		2.37		
		2002	28.78	34.26	0.90	0.71	1.95	1.93	0.21		2.54		
		2003	22.49	28.78	0.74	0.57	1.53	1.71	0.16		1.87		
		2004	24.76	29.48	0.79	0.62	1.68	1.76	0.18		2.53		
		2005	5.55	35.32	0.61	0.42	1.09	1.61	0.11		3.42		
		2006	6.72	39.80	0.66	0.48	1.25	1.67	0.13		3.36		
		2007	6.23	38.66	0.65	0.46	1.20	1.65	0.13		3.13		
		2008	5.39	34.54	0.60	0.39	1.06	1.60	0.11		2.19		
		2009	4.65	28.30	0.54	0.35	0.88	1.54	0.09		2.07		
		2010	5.50	30.30	2.90	2.79			0.10		2.80		
		2011	4.30	29.32	2.76	2.76			0.09	0.00	3.18		
		2012	4.05	26.71	2.24	2.24			0.09	0.46	2.32		
		2013	4.71	30.04	2.27	2.27	0.93		0.10	0.52	1.96		
		2014	5.06	21.83	1.91	1.90	0.05		0.10	0.52	1.97		
GE CONSUMER PRODUCTS, LIGHTING 540 Mayer Street Bridgeville, PA 15017	15017	2000	12.87	210.61	18.65	2.03	0.47	18.86	2.94		1.41	3229	PRESSED & BLOWN GLASS
		2001	9.62	166.09	13.92	1.51	0.37	20.11	2.95		1.56		
		2002	12.31	161.22	27.27	2.88	0.11	27.53	0.09		1.03		
		2003	9.40	110.30	21.16	2.18	0.00	21.26	0.10		0.82		
		2004	12.21	138.67	25.98	2.88	0.00	26.05	0.09		0.84		
		2005	15.28	130.43	19.65	19.65	1.03	19.65	0.11		1.02		
		2006	14.31	82.95	17.32	17.30	0.97	17.34	0.10		1.03		
		2007	10.03	66.81	19.29	19.29	0.68	19.57	0.07		0.77		
		2008	3.94	26.44	6.77	6.77	0.26	6.86	0.03		0.29		
		2009	4.81	27.35	10.17	10.17	0.32	10.30	0.06		0.56		
		2010	3.70	37.00	8.70	8.72			0.00	0.04	0.50		
		2011	4.07	30.81	11.85	11.81			2.15	0.16	0.60		
		2012	3.03	11.61	2.74	2.74			1.03	0.05	0.21		
		2013	3.35	29.49	5.72	5.72	0.23		2.72	0.01	0.35		
		2014	5.55	44.61	8.51	8.51	0.54		1.80	0.21	0.53		
NRG ENERGY INC -BRUNOT ISLAND POWER PLT (formerly Gen On Brunot Island) Pittsburgh, PA 15204	15204	2000	0.44	116.94	0.57	0.57	0.96	0.57	16.38		0.07	4911	ELECTRIC SERVICES
		2001	0.65	57.73	0.35	0.35	0.21	0.35	1.38		0.30		
		2002	31.92	18.82	1.72	0.33	0.75	1.72	1.14		38.44		
		2003	33.20	38.22	2.14	2.14	0.59	2.14	1.03		22.56		
		2004	23.83	23.02	1.44	1.44	0.50	1.44	3.50		26.04		
		2005	31.68	6.24	2.10	2.10	0.47	2.10	0.74		22.37		
		2006	22.98	25.94	1.53	1.53	1.37	1.53	1.63		13.39		
		2007	34.30	33.85	1.57	1.57	0.74	1.57	3.89		19.87		
		2008	9.09	5.99	0.54	0.55	0.17	0.54	1.52		3.69		
		2009	4.11	7.08	0.49	0.49	0.15	0.49	1.23		4.07		
		2010	7.40	16.30	1.00	0.96			2.20	0.30	8.10		
		2011	9.82	2.12	0.93	0.93			0.05	0.26	11.27		
		2012	23.01	11.75	5.37	5.37			0.14	1.23	3.59		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A: Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NOx	PM10 _{FIL}	PM2.5 _{FIL}	PMCOND	PT _{FIL}	SO2	NH3	VOC	SIC CODE	SIC DESCRIPTION	
		2013	18.94	6.79	2.78	2.78	0.72		0.13	1.59	2.16			
		2014	20.89	10.00	4.73	4.73	1.15		0.26	2.13	2.48			
NRG ENERGY INC. - CHESWICK STATION (FORMERLY GEN ON ENERGY) 100 PITTSBURGH STREET SPRINGDALE, PA 15144	15024	2000	840.56	6385.36	295.27	152.11	512.67	428.35	45143.45		39.45	4911	ELECTRIC SERVICES	
		2001	844.35	6751.05	307.66	116.64	438.68	887.02	49013.38			13.32		
		2002	298.92	5761.73	221.51	88.92	501.30	596.09	42018.35			10.69		
		2003	375.71	4704.70	394.44	186.51	430.07	935.06	45432.80			13.01		
		2004	322.77	4928.01	293.68	127.59	498.25	724.77	40982.82			11.32		
		2005	294.90	3913.85	251.48	127.63	902.36	711.61	37320.22			10.70		
		2006	290.99	4220.95	264.78	150.93	229.06	534.34	32689.34			10.21		
		2007	297.58	4455.16	271.28	154.63	330.07	547.14	34460.55			10.37		
		2008	268.61	4109.61	244.96	161.47	406.92	418.45	30299.56			9.51		
		2009	291.73	2999.25	273.53	214.64	382.93	357.49	33165.07			10.26		
		2010	191.00	2523.20	192.40	140.49			11806.80		2.06	6.80		
		2011	274.16	3294.21	288.05	176.79			9290.31		2.76	9.89		
		2012	257.53	4484.39	328.60	165.29			1910.84		1.69	9.17		
		2013	304.70	5332.21	129.88	87.87	40.62		1686.34		1.35	10.72		
2014	309.89	6101.17	309.60	90.65	41.67		4445.41		1.44	11.05				
GOTTLIEB, INC. 5601 Grand Avenue Pittsburgh, PA 15225	15225	2003	1.66	20.46	1.27	0.73	0.04	3.47	2.02		4.33	3341	SECONDARY ALUMINUM PROD.	
		2004	1.56	25.60	1.33	0.87	0.11	2.94	2.54		5.44			
		2005	1.54	15.13	0.67	0.32	0.10	1.88	2.72		21.21			
		2006	1.56	17.19	0.82	0.36	0.11	2.35	3.11		24.31			
		2007	1.48	18.90	0.82	0.39	0.10	2.27	3.43		26.82			
		2008	1.44	18.85	0.82	0.36	0.10	2.25	3.42		26.75			
		2009	1.13	14.07	0.63	0.27	0.08	1.76	2.52		19.73			
		2010	1.40	19.90	0.90	0.38			3.60	0.02	28.30			
		2011	1.47	23.94	1.02	0.46			4.37	0.02	34.22			
		2012	2.23	25.65	0.74	0.45			4.70	0.01	36.80			
		2013	2.30	24.96	0.72	0.44	0.16		4.57	0.01	35.79			
2014	2.35	24.54	0.70	0.42	0.01		4.49	0.01	35.17					
GUARDIAN INDUSTRIES CORP. 1000 Glasshouse Road Jefferson Hills, PA 15025	15025	2000	3.76	819.03	75.38	63.48	0.06	87.61	154.29		12.66	3211	FLAT GLASS MANUFACTURING	
		2001	7.01	1177.59	94.42	39.00	0.07	110.22	187.37		13.99			
		2002	7.90	1056.26	38.97	21.89	0.04	88.86	94.28		11.93			
		2003	6.57	1051.03	15.18	3.40	10.27	29.87	121.51		10.63			
		2004	7.72	996.64	15.22	3.53	19.71	29.80	109.89		12.74			
		2005	9.00	1010.24	15.68	3.53	20.53	31.08	103.26		14.58			
		2006	8.89	667.63	8.70	2.02	20.67	17.16	91.42		11.44			
		2007	10.39	686.68	9.43	2.43	17.63	18.27	82.47		13.94			
		2008	10.69	883.78	11.96	3.17	2.90	24.77	86.95		16.92			
		2009	9.00	632.86	10.14	4.96	1.56	17.82	64.27		12.98			
		2010	10.30	939.50	31.50	14.97			59.20		20.90			
		2011	10.50	978.44	29.47	17.35			73.26	0.12	19.32			
		2012	5.68	486.29	27.24	22.35			82.68	0.01	16.66			
		2013	4.79	469.88	25.74	21.34	4.18		70.38	0.12	11.81			
2014	5.14	520.85	26.41	21.78	0.33		108.87	0.14	10.78					
GULF OIL L.P. 400 Grand Avenue Pittsburgh, PA 15225	15225	2000	7.63	7.69	0.00	0.00	0.00	1.98	0.49		45.02	5171	PETROLEUM BULK STATIONS & TERMINALS	
		2001	6.21	2.43	0.43	0.07	0.01	1.30	0.20		57.25			
		2002	6.00	2.39	0.44	0.07	0.01	1.31	0.26		58.74			
		2003	9.71	4.01	3.04	0.45	0.00	9.12	0.28		48.36			
		2004	10.59	4.42	3.32	0.49	0.00	9.97	0.40		42.70			
		2005	9.84	4.06	2.09	0.31	0.01	6.29	0.26		36.60			
		2006	6.88	2.90	1.88	0.28	0.01	5.65	0.22		23.97			
		2007	9.72	4.11	1.78	0.25	0.01	5.33	0.31		28.17			
		2008	2.92	7.22	1.78	0.25	0.01	5.33	0.85		31.24			
		2009	3.80	9.66	2.33	0.36	0.00	7.92	0.99		38.20			
		2010	4.20	10.60	0.70	0.17			0.80		43.80			
		2011	8.04	3.14	0.75	0.19			0.81	0.00	29.90			
		2012	1.62	6.74	0.60	0.15			0.66	0.00	32.63			
		2013	1.25	2.04	0.53	0.13			0.02		30.09			
2014	4.43	1.79	0.01				0.98		35.14					
KELLY RUN SANITATION Slate Route 51 S Elizabeth, PA 15037	15037	2001	22.83	33.38	9.46	7.65	0.49	16.02	2.96		6.73	4953	REFUSE SYSTEMS	
		2002	15.27	15.89	10.81	8.07	0.45	19.29	0.74		4.54			
		2003	10.69	9.22	6.00	4.16	0.33	10.65	0.38		1.10			
		2004	8.30	8.50	8.03	6.68	0.25	11.45	0.39		0.90			
		2005	8.48	9.36	10.56	8.78	0.25	14.60	0.45		0.92			
		2006	10.34	13.00	9.74	8.61	0.16	13.77	1.35		2.61			
		2007	13.28	15.94	7.89	5.22	0.36	11.88	1.70		1.64			

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A: Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NOx	PM10 _{FIL}	PM2.5 _{FIL}	PMCOND	PT _{FIL}	SO2	NH3	VOC	SIC CODE	SIC DESCRIPTION
		2008	15.28	15.60	17.06	14.27	0.24	25.06	1.78		1.54		
		2009	11.96	15.42	9.67	3.46	0.17	24.51	1.56		1.34		
		2010	13.40	15.00	7.20	7.15			1.60		2.00		
		2011	16.54	15.63	7.64	7.64			2.55	0.00	1.91		
		2012	19.18	17.66	5.54	5.54			2.69	0.00	2.13		
		2013	17.77	7.11	3.69	3.69	1.25		1.99		1.07		
		2014	14.51	5.80	2.90	2.90	1.02		2.41		2.75		
KELMAN BOTTLES LLC 1101 William Flynn Hwy Glenshaw, PA 15116 (source temporarily shut down)	15116	2008	3.53	102.51	20.99	18.89	0.67	26.16	30.25		7.99	3221	GLASS CONTAINERS
		2009	2.80	91.66	17.88	17.99	0.62	24.72	25.47		6.59		
		2010	4.50	77.70	14.90	12.94			27.90	0.44	7.50		
		2011	0.95	11.33	3.64	2.12			3.50	0.09	1.08		
KINDER MORGAN TRANSMIX ROUTE 910 INDIANOLA, PA 15051	15051	2000	5.89	7.73	0.21	0.15	0.44	0.21	0.66		27.94	5171	PETROLEUM BULK STATIONS & TERMINALS
		2001	4.51	7.53	0.33	0.15	0.42	0.33	1.93		30.49		
		2002	4.87	5.92	0.12	0.11	0.34	0.12	0.14		28.87		
		2003	5.51	10.03	0.29	0.20	0.56	0.49	3.06		29.34		
		2004	8.04	9.88	0.20	0.18	0.56	0.21	0.33		32.01		
		2005	7.49	9.21	0.18	0.17	0.52	0.20	0.30		30.85		
		2006	6.12	7.29	0.14	0.14	0.42	0.14	0.04		31.76		
		2007	5.44	6.48	0.12	0.12	0.37	0.12	0.04		29.05		
		2008	6.76	8.05	0.15	0.15	0.46	0.15	0.05		30.93		
		2009	7.67	9.14	0.17	0.17	0.52	0.17	0.05		36.00		
		2010	1.90	2.40	0.20	0.16			0.00	0.26	33.60		
		2011	8.84	10.53	0.20	0.20			0.06	0.26	38.54		
		2012	5.06	6.24	0.18	0.18			0.04	0.18	26.44		
		2013	4.23	5.04	0.10	0.10			0.03	0.02	30.40		
		2014	5.90	7.02	0.13				0.04	0.03	22.98		
KINDER-MORGAN LIQUIDS TERMINAL LLC FORMERLY BOSWELL 702 Washington Avenue Dravosburg, PA 15034 (Source no longer required to submit emissions inventory)	15034	2000	0.44	1.38	0.06	0.03	0.09	0.13	2.17		0.89	4226	SPECIAL WAREHOUSING AND STORAGE
		2001	1.49	7.15	0.39	0.16	0.06	0.63	4.31		0.26		
		2002	1.59	6.34	0.33	0.14	0.08	0.52	3.57		0.35		
		2003	1.64	6.19	0.43	0.29	0.21	0.50	3.40		0.44		
		2004	1.74	7.45	0.54	0.36	0.25	0.62	4.31		1.37		
		2005	1.58	6.42	0.46	0.31	0.21	0.52	3.62		0.35		
		2006	1.28	1.81	0.05	0.04	0.08	0.06	0.21		0.61		
		2007	2.03	2.67	0.07	0.06	0.12	0.07	0.19		1.78		
		2008	2.27	2.75	0.05	0.05	0.15	0.05	0.02		1.68		
		2009	2.08	2.51	0.05	0.05	0.14	0.05	0.01		1.36		
		2010	1.90	2.40	0.20	0.18			0.00	0.07	1.30		
		2011	2.05	2.54	0.19	0.19			0.01	0.08	4.12		
		2012	1.87	2.30	0.04	0.04			0.01	0.07	2.69		
		2013	2.13	2.62	0.05	0.05	0.15		0.02	0.08	1.69		
KOPPERS INC. 300 North State St Clairton, PA 15025	15025	2000	14.37	13.96	15.63	6.21	0.55	57.05	0.35		66.10	2865	CYCLIC CRUDES & INTERMEDIATES
		2001	8.81	13.29	8.82	2.96	0.56	22.74	37.04		75.70		
		2002	18.61	13.88	9.25	6.71	0.60	23.79	1.35		76.52		
		2003	15.87	14.92	7.80	6.42	0.59	17.41	0.49		78.97		
		2004	18.74	15.42	7.39	5.98	0.91	16.77	0.92		96.10		
		2005	17.52	13.21	7.45	5.82	0.78	17.60	0.21		84.74		
		2006	14.46	12.96	6.19	5.31	0.79	13.12	0.30		56.81		
		2007	13.87	13.61	6.62	5.22	0.84	14.95	0.34		15.34		
		2008	14.99	14.93	6.34	4.78	0.92	14.81	0.41		11.73		
		2009	9.02	8.98	2.17	1.44	0.56	5.16	0.26		6.05		
		2010	0.30	0.40	0.10	3.37			0.00		9.50		
		2011	9.73	15.84	5.13	1.79			0.44	0.32	13.41		
		2012	7.90	9.85	5.48	3.37			0.20	0.28	11.63		
		2013	8.14	8.48	4.44	2.73	0.55		0.06	0.31	8.12		
		2014	8.52	8.89	5.31	2.73	0.03		0.06	0.32	8.80		
LIBERTAS COPPER LLC 100 Washington Street Leetsdale, PA 15056 (formerly Hussey Copper)	15056	2000	22.23	23.83	48.86	36.18	1.35	98.33	0.43		18.06	3351	COPPER ROLLING & DRAWING
		2001	19.77	21.00	34.34	17.07	1.19	61.38	0.28		13.10		
		2002	19.33	20.79	33.72	15.79	1.18	57.05	0.23		9.87		
		2003	20.11	21.55	33.51	15.56	1.22	55.24	0.25		10.43		
		2004	20.74	21.64	39.87	28.74	1.22	73.52	0.26		10.55		
		2005	21.34	22.37	37.51	28.29	1.21	68.96	0.32		8.19		
		2006	20.80	22.85	37.11	25.49	1.18	75.93	0.39		12.84		
		2007	22.67	24.44	42.57	22.07	1.37	76.99	0.51		17.83		
		2008	21.14	23.48	50.18	26.65	1.24	94.23	0.46		15.35		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A:

Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NOx	PM10 _{FIL}	PM2.5 _{FIL}	PMCOND	PT _{FIL}	SO2	NH3	VOC	SIC CODE	SIC DESCRIPTION
		2009	17.45	17.90	24.39	11.38	0.98	57.12	0.30		9.69		
		2010	15.20	18.10	30.40	3.55			0.30	0.58	10.40		
		2011	16.05	19.04	30.35	3.83			0.34	0.80	9.21		
		2012	16.81	19.98	29.72	3.87			0.34	0.64	11.98		
		2013	22.60	25.96	34.59	34.59	1.40		0.42	0.79	11.90		
		2014	20.19	22.88	38.45	38.20	1.24		0.40	0.67	10.43		
LIBERTY PULTRUSIONS 1575 Lebanon School Road West Mifflin, PA 15122	15122	2000	0.23	0.28	0.06	0.03	0.02	0.11	0.00		9.41	3083	LAMINATED PLASTICS, PLATE & SHEET
		2001	0.23	0.28	0.06	0.03	0.02	0.11	0.00		6.29		
		2002	0.23	0.28	0.03	0.03	0.02	0.11	0.00		6.29		
		2003	0.23	0.28	0.98	0.01	0.02	6.20	0.00		6.02		
		2004	0.24	0.28	0.98	0.01	0.02	6.20	0.00		7.39		
		2005	0.21	0.25	0.07	0.07	0.01	0.13	0.00		9.72		
		2006	0.29	0.35	0.04	0.11	0.02	0.04	0.00		9.44		
		2007	0.41	0.48	0.07	0.01	0.03	0.14	0.00		11.31		
		2008	0.56	0.67	0.08	0.01	0.04	0.15	0.00		4.40		
		2009	0.42	0.49	0.06	0.06	0.03	0.10	0.00		8.23		
		2010	0.31	0.37	0.06	0.01			0.00	0.01	9.54		
		2011	0.29	0.34	0.07	0.01			0.00	0.01	10.87		
		2012	0.19	0.22	0.07	0.00			0.00	0.01	13.34		
		2013	0.23	0.27	0.06	0.01			0.00	0.01	11.87		
		2014	0.25	0.30	0.07	0.01			0.00	0.01	12.71		
LINDY PAVING - NEVILLE ISLAND (FORMERLY TRUMBULL) 4500 Neville Road Pittsburgh, PA 15225	15225	2000	19.68	5.98	23.39	2.47	0.58	63.14	0.64		4.87	2951	PAVING MIXTURES & BLOCKS
		2001	17.86	6.28	13.68	10.97	2.27	48.43	0.64		4.48		
		2002	20.97	8.91	14.46	11.67	2.62	50.65	0.84		5.35		
		2003	17.36	6.86	14.24	11.94	2.47	45.79	0.66		4.40		
		2004	25.49	8.61	12.03	4.06	3.68	40.83	0.87		9.16		
		2005	25.07	8.68	15.27	4.92	3.62	55.30	0.87		9.05		
		2006	28.42	9.70	16.06	5.23	4.10	57.29	0.98		10.25		
		2007	15.39	10.37	6.41	1.46	1.10	30.68	0.88		6.77		
		2008	32.29	19.91	13.36	2.95	2.32	64.54	1.75		14.09		
		2009	7.67	14.79	8.84	1.87	1.58	42.77	1.27		9.74		
		2010	25.30	17.70	5.30	2.18			1.50	0.00	11.30		
		2011	24.18	17.45	5.07	2.12			1.45	0.00	10.82		
		2012	26.30	18.93	5.52	2.31			1.57	0.00	11.76		
		2013	24.77	14.80	4.41	1.71	2.49		1.25	0.00	10.99		
		2014	33.03	11.86	5.57	1.75	3.43		1.18	0.00	14.76		
LINDY PAVING - SECOND AVENUE 2340 2nd Avenue Pittsburgh, PA 15219	15219	2000	7.55	6.12	11.25	1.13	5.66	24.57	0.57		6.68	2951	PAVING MIXTURES & BLOCKS
		2001	19.71	6.80	14.04	7.82	0.00	35.22	0.66		4.91		
		2002	20.41	7.75	15.31	12.83	1.67	50.87	0.73		1.23		
		2003	24.91	9.76	18.61	15.60	0.94	57.59	0.90		1.51		
		2004	30.41	11.78	21.68	18.44	1.15	69.12	1.09		1.83		
		2005	30.18	11.73	24.75	21.72	1.16	76.28	1.09		1.83		
		2006	33.28	12.81	27.25	23.92	1.26	83.96	1.19		2.02		
		2009	29.39	17.65	20.86	16.82	1.06	83.43	1.55		5.99		
		2010	29.60	17.30	4.00	1.83			1.60	0.00	9.90		
		2011	27.56	17.54	3.78	1.80			1.54	0.00	9.24		
		2012	31.09	20.12	3.92	1.74			1.64	0.00	7.79		
		2013	30.23	20.65	3.86	1.76	1.18		1.67	0.00	7.63		
		2014	31.28	12.24	3.56	1.22	1.21		1.15	0.00	7.57		
MATTHEWS INTL BRONZE DIVISION 1315 WEST LIBERTY AVE. PITTSBURGH, PA 15226	15226	2010	0.80	1.00	23.90	13.45			0.00	0.16	21.10	3366	MANUFACTURING COPPER FOUNDRIES
		2011	0.80	0.95	23.45	12.80			0.01	0.03	17.63		
		2012	0.80	0.96	23.90	12.99			0.01	0.03	18.73		
		2013	0.76	0.90	23.41	12.83	0.05		0.01	0.03	11.53		
		2014	0.83	0.98	23.39	12.82	0.00		0.01	0.03	9.36		
MCCONWAY & TORLEY CORPORATION 109 Forty-Eighth Street Pittsburgh, PA 15201	15201	2000	9.55	8.47	31.56	23.81	1.11	37.55	1.65		7.70	3325	STEEL FOUNDRIES
		2001	7.43	5.82	57.49	48.36	1.00	65.67	1.63		2.61		
		2002	7.67	5.70	50.77	43.64	1.19	57.01	1.95		2.91		
		2003	12.97	9.26	70.34	56.70	2.16	79.11	3.36		5.08		
		2004	13.38	9.98	30.63	17.72	3.24	49.44	4.24		7.73		
		2005	16.28	11.90	36.11	20.83	3.61	57.63	5.06		7.01		
		2006	15.45	11.29	38.40	22.67	2.01	60.94	5.14		6.92		
		2007	18.81	16.43	26.69	14.43	1.92	47.14	4.57		2.39		
		2008	14.58	8.90	38.85	18.85	1.89	69.30	6.19		12.43		
		2009	9.97	5.93	18.65	9.29	1.82	33.25	4.39		2.94		
		2010	14.30	9.90	20.90	9.77			5.40	0.06	4.20		
		2011	20.28	13.10	34.68	16.34			8.44	0.07	7.05		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A: Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NOx	PM10 _{FL}	PM2.5 _{FL}	PMCOND	PT _{FL}	SO2	NH3	VOC	SIC CODE	SIC DESCRIPTION
		2012	27.94	14.29	36.94	17.54			9.25	0.04	9.13		
		2013	30.18	20.75	37.96	17.73	6.81		7.36	0.09	11.48		
		2014	23.67	14.97	3.59	1.95	6.29		2.42	0.09	9.20		
MERCY HOSPITAL OF PITTSBURGH 1400 Locust Street Pittsburgh, PA 15219 (Source no longer required to submit an inventory)	15219	2000	6.33	7.53	0.14	0.14	0.43	0.14	0.05		2.93	8062	GENERAL MEDICAL & SURGICAL HOSPITALS
		2001	6.18	7.36	0.14	0.14	0.42	0.14	0.04		2.89		
		2002	5.91	7.06	2.99	2.99	0.40	2.99	0.29		3.20		
		2003	6.16	7.36	3.00	2.99	0.42	3.00	0.39		3.13		
		2004	6.37	7.64	3.00	3.00	0.43	3.00	0.15		3.08		
		2005	6.50	7.78	3.00	3.00	0.44	3.01	0.22		3.15		
		2006	6.04	7.37	1.19	1.19	0.40	1.19	0.05		5.51		
		2007	6.27	7.47	3.00	3.00	0.43	3.00	0.06		8.67		
		2008	6.16	7.37	1.20	1.20	0.42	1.20	0.10		3.24		
		2009	6.03	7.25	1.11	1.11	0.41	1.11	0.08		5.95		
		2010	6.20	7.40	1.30	1.28			0.20	0.24	4.50		
		2011	6.18	7.38	0.89	0.89			0.04	0.24	3.61		
		2012	6.01	7.19	1.14	1.14			0.16	0.23	2.19		
		2013	6.56	7.84	0.99	0.99	0.45		0.08	0.25	2.89		
NEVILLE CHEMICAL COMPANY 2800 Neville Road Pittsburgh, PA 15225	15225	2000	29.30	54.72	3.41	2.26	2.11	10.90	6.17		382.68	2821	PLASTICS, MATERIALS & RESINS
		2001	28.35	51.11	3.43	2.39	2.06	10.98	6.55		317.68		
		2002	28.87	57.35	3.61	2.63	2.12	11.16	9.75		266.05		
		2003	31.36	37.61	3.97	2.29	2.31	10.72	4.72		241.06		
		2004	29.22	31.69	3.42	2.14	2.03	8.44	3.32		241.56		
		2005	21.75	26.52	2.66	1.87	1.63	6.06	3.04		231.11		
		2006	10.27	23.91	2.57	1.43	1.61	5.99	6.05		144.20		
		2007	12.02	22.83	4.02	2.88	1.25	7.38	3.17		115.84		
		2008	15.08	22.12	4.87	3.01	1.46	10.62	0.62		112.88		
		2009	10.79	11.63	2.85	1.86	0.80	5.69	0.16		94.12		
		2010	13.00	14.00	2.70	2.26			0.20	1.43	100.90		
		2011	12.19	14.16	2.71	2.24			0.14	1.58	90.61		
		2012	12.11	13.53	2.66	2.26			0.14	1.70	93.75		
		2013	10.68	12.17	1.79	1.76	0.73		0.08	3.05	85.88		
		2014	11.07	12.74	1.64	1.51	0.04		0.08	1.08	81.40		
NRG ENERGY CENTER PITTSBURGH 111 S. Commons Avenue Pittsburgh, PA 15212	15212	2000	46.12	63.08	1.09	1.05	3.18	1.14	2.25		3.02	4961	STEAM SUPPLY
		2001	33.73	47.25	0.84	0.78	2.37	0.93	3.43		2.21		
		2002	31.73	43.93	0.72	0.72	2.15	0.72	0.23		2.08		
		2003	30.76	43.88	1.11	1.10	2.10	1.12	0.59		2.01		
		2004	28.26	40.41	1.33	1.33	1.92	1.33	0.24		1.86		
		2005	38.02	56.74	1.60	1.60	2.58	1.60	0.27		2.49		
		2006	23.06	34.25	0.91	0.91	1.56	1.03	0.16		1.51		
		2007	24.50	40.52	0.98	0.98	1.66	0.98	0.17		1.60		
		2008	20.86	34.21	0.84	0.84	1.42	0.84	0.15		1.37		
		2009	20.17	33.90	0.91	0.94	1.34	2.25	0.26		1.42		
		2010	21.80	34.90	0.90	0.90			0.20	0.13	1.40		
		2011	22.65	33.39	3.26	3.26			0.16	0.13	1.48		
		2012	24.08	35.50	0.69	0.69			0.17	0.14	1.58		
		2013	27.19	38.67	0.77	0.77	1.85		0.20	0.16	1.78		
		2014	27.35	39.38	0.26	0.23	0.10		0.20	0.16	1.79		
OK GROCERY PERISHABLES WHSE/PGH 735 Beechnut Dr. Pittsburgh, PA 15205-1803 (Source no longer required to submit emissions inventory)	15205	2013	1.53	5.75	0.18	0.09	0.01		0.00		0.43		
PANNIER CORPORATION 345 Oak Road Gibsonia, PA 15044	15044	2000	0.11	0.14	0.00	0.00	0.01	0.00	0.00		10.84	3083	LAMINATED PLASTICS, PLATE & SHEET
		2001	0.10	0.12	0.00	0.00	0.01	0.00	0.00		7.94		
		2002	0.09	0.11	0.00	0.00	0.01	0.00	0.00		7.77		
		2003	0.09	0.11	0.00	0.00	0.01	0.00	0.00		8.64		
		2004	0.10	0.12	0.00	0.00	0.01	0.00	0.00		10.58		
		2005	0.09	0.11	0.00	0.00	0.01	0.00	0.00		9.88		
		2006	0.12	0.14	0.00	0.00	0.01	0.00	0.00		9.37		
		2007	0.11	0.13	0.00	0.00	0.01	0.00	0.00		10.26		
		2008	0.11	0.13	0.00	0.00	0.01	0.00	0.00		11.81		
		2009	0.10	0.12	0.00	0.00	0.01	0.00	0.00		6.60		
		2010	0.10	0.10	0.00	0.00			0.00	0.00	8.60		
		2011	0.10	0.12	0.00	0.00			0.00	0.00	9.30		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A: Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NOx	PM10 _{FIL}	PM2.5 _{FIL}	PMCOND	PT _{FIL}	SO2	NH3	VOC	SIC CODE	SIC DESCRIPTION
		2013	0.09	0.11	0.00	0.00			0.00	0.00	8.92		
		2014	0.09	0.11	0.00	0.00			0.00	0.00	5.44		
PA AIR NATIONAL GUARD/171ST REFUELING WING 300 Tanker Rd. Pittsburgh Intl. Airport CORAOPOLIS, PA 15108 - 4805		2010											
		2011	1.29	2.16	0.09	0.04			0.05	0.05	0.75		
		2012	1.17	2.05	0.09	0.03			0.05	0.04	3.32		
		2013	1.73	4.02	0.21	0.20	0.09		0.17	0.01	2.58		
		2014	1.49	2.35	0.10	0.10	0.09		0.06	0.01	0.72		
PITTSBURGH ALLEGHENY COUNTY THERMAL, LTD 120 Cecil Way Pittsburgh, PA 15222	15222	2000	36.40	121.39	0.84	0.83	2.48	0.85	0.54		2.38	4961	STEAM SUPPLY
		2001	34.06	87.85	0.79	0.77	2.40	0.81	0.54		2.24		
		2002	35.53	91.04	0.80	0.80	2.41	0.80	0.25		2.33		
		2003	38.10	94.77	0.88	0.86	2.66	0.89	0.39		2.50		
		2004	39.51	98.02	0.89	0.89	2.68	0.90	0.37		2.59		
		2005	36.63	103.51	0.83	0.83	2.49	0.83	0.26		2.40		
		2006	32.10	89.70	0.73	0.73	2.18	0.73	0.23		2.11		
		2007	30.80	74.34	0.70	0.70	2.09	0.70	0.22		2.02		
		2008	32.24	77.86	0.73	0.73	2.19	0.73	0.23		2.11		
		2009	31.36	99.22	0.73	0.71	2.15	1.67	0.26		2.06		
		2010	31.90	98.60	0.70	0.01			0.20	0.19	2.10		
		2011	27.95	88.63	0.63	0.63			0.20	0.17	1.84		
		2012	25.13	81.40	0.57	0.57			0.18	0.15	1.65		
		2013	28.16	68.94	0.64	0.64	1.91		0.20	0.16	1.85		
2014	28.80	69.63	0.07	0.04	0.11		0.21	0.17	1.89				
PITTSBURGH ELECTRICAL INSULATION 800 Martha Street Munhall, PA 15120 (Source not required to submit an inventory for 2012 and 2013)	15120	2000	0.06	0.07	0.01	0.01	0.00	0.01	0.00		9.52	5065	ELECTRICAL PARTS & EQUIPMENT
		2001	0.15	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.62		
		2002	0.06	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.76		
		2003	0.07	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.31		
		2004	0.71	0.85	0.02	0.02	0.00	0.02	0.01		0.50		
		2005	0.07	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.66		
		2006	0.06	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.73		
		2007	0.05	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.77		
		2008	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.00	11.03		
		2009	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.00	8.06		
		2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.70		
		2011	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.00	11.67		
		2012	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.00	15.79		
		2014	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.00	15.79		
PITTSBURGH TERMINALS CORP/ CORAOPOLIS TERMINAL 9 THORN STREET CORAOPOLIS, PA 15108	15108	2000	7.71	3.16	0.00	0.00	0.01	0.00	0.01		59.48	5171	PETROLEUM BULK STATIONS & TERMINALS
		2001	7.83	3.22	0.00	0.00	0.01	0.01	0.03		58.78		
		2002	7.57	3.14	0.00	0.00	0.01	0.01	0.04		52.73		
		2003	8.27	3.42	0.00	0.00	0.01	0.00	0.04		37.11		
		2004	9.03	3.66	0.00	0.00	0.00	0.00	0.00		42.87		
		2005	4.72	1.94	0.00	0.00	0.00	0.00	0.00		41.96		
		2006	0.06	0.07	0.00	0.00	0.00	0.00	0.00		38.47		
		2007	0.06	0.07	0.00	0.00	0.00	0.00	0.00		35.93		
		2008	0.06	0.07	0.00	0.00	0.00	0.00	0.00		42.28		
		2009	0.06	0.07	0.00	0.00	0.00	0.00	0.00		41.41		
		2010	0.10	0.10	0.00	0.01			0.00	0.00	37.50		
		2011	0.01	0.01	0.00	0.00			0.00	0.00	36.25		
		2012	0.01	0.01	0.00	0.00			0.00	0.00	37.07		
		2013	0.02	0.03	0.00	0.00	0.00		0.05	0.00	46.41		
2014	0.01	0.02	0.00	0.00	0.00		0.03	0.00	46.47				
PITTSBURGH TERMINALS CORP / NEVILLE ISLAND TERMINAL 2760 NEVILLE ROAD PITTSBURGH, PA 15225	15225	2000	0.28	0.45	0.03	0.00	0.00	0.03	0.03		59.60	5171	PETROLEUM BULK STATIONS & TERMINALS
		2001	0.28	0.45	0.03	0.00	0.00	0.03	0.03		38.89		
		2002	0.28	0.45	0.03	0.03	0.00	0.03	0.03		39.87		
		2003	0.30	0.47	0.03	0.03	0.00	0.03	0.03		28.10		
		2004	0.30	0.47	0.03	0.03	0.00	0.03	0.03		23.30		
		2005	0.30	0.47	0.03	0.03	0.00	0.03	0.03		26.24		
		2006	0.30	0.47	0.03	0.03	0.00	0.03	0.03		25.33		
		2007	0.30	0.47	0.03	0.03	0.00	0.03	0.03		27.46		
		2008	0.30	0.47	0.03	0.03	0.00	0.03	0.03		26.71		
		2009	0.30	0.47	0.03	0.03	0.00	0.03	0.03		23.87		
		2010	0.00	0.00	0.00	0.00			0.00		24.69		
		2011	0.00	0.00	0.00	0.00			0.00	0.00	17.76		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A:

Point Source Criteria Air Emissions Report

2000-2014

COMPANY NAME	ZIP	YEAR	CO	NO _x	PM10 _{FL}	PM2.5 _{FL}	PMCOND	PT _{FL}	SO ₂	NH ₃	VOC	SIC CODE	SIC DESCRIPTION	
		2012	0.00	0.00	0.00	0.00			0.00	0.00	22.57			
		2013	0.00	0.00	0.00	0.00			0.00	0.00	27.53			
		2014									25.59			
PPG INDUSTRIES - CHEMICALS TECHNICAL CENTER 440 College Park Drive Monroeville, PA 15146	15146	2000	1.68	2.00	0.04	0.04	0.11	0.04	0.01		8.17	2812	ALKALIES & CHLORINE	
		2001	2.48	2.95	0.06	0.06	0.17	0.06	0.02		9.92			
		2002	1.97	2.35	0.04	0.04	0.13	0.04	0.01		12.72			
		2003	1.97	2.35	0.04	0.04	0.13	0.04	0.01		15.63			
		2004	1.97	2.35	0.04	0.04	0.13	0.04	0.01		15.47			
		2005	2.70	3.21	0.06	0.06	0.18	0.06	0.02		11.60			
		2006	1.79	2.13	0.04	0.04	0.12	0.04	0.01		8.43			
		2007	2.37	2.82	0.05	0.05	0.16	0.05	0.02		12.03			
		2008	2.47	2.94	0.06	0.06	0.17	0.06	0.02		10.61			
		2009	2.17	2.58	0.05	0.05	0.15	0.05	0.02		10.31			
		2010	2.50	3.20	0.10	0.10				0.10	0.01			13.50
		2011	2.54	2.47	0.10	0.10				0.03	0.01			8.89
		2012	2.45	3.06	1.37	1.37				0.03	0.01			19.32
2013	2.75	3.42	0.85	0.85		0.18		0.05	0.02	10.55				
2014	2.85	3.53	0.55	0.55		0.02		0.03	0.02	13.85				
PPG INDUSTRIES, INC. 125 Colfax Street Springdale, PA 15144	15144	2000	7.17	6.54	3.01	3.00	7.29	3.01	2.05		234.24	2851	PAINTS & ALLIED PRODUCTS	
		2001	6.36	5.61	2.67	0.36	6.49	2.67	2.00		200.10			
		2002	2.90	5.75	3.01	0.35	6.28	3.01	1.77		223.72			
		2003	4.52	3.96	2.33	2.33	5.18	2.33	1.46		165.09			
		2004	2.85	2.26	2.41	2.02	0.13	2.41	1.15		134.03			
		2005	4.01	4.77	2.78	2.78	0.27	2.78	0.03		140.14			
		2006	4.13	4.91	2.78	2.78	0.28	2.78	0.03		128.67			
		2007	3.53	4.20	1.86	1.86	0.24	1.86	0.03		86.35			
		2008	3.35	3.99	3.18	3.18	0.22	3.18	0.02		84.92			
		2009	5.19	6.18	3.33	3.33	0.35	3.33	0.04		36.66			
		2010	8.60	10.20	3.40	3.40				0.10	0.32			38.00
		2011	6.23	10.09	4.02	4.02				0.06	0.28			40.35
		2012	8.47	10.13	3.70	3.70				0.06	0.24			33.31
2013	8.59	10.22	3.84	3.84	0.58			0.06	0.33	32.33				
2014	8.81	10.50	4.24	4.23	0.03			0.06	0.34	27.48				
PRECOAT METALS, A DIV. OF SEQUA COATINGS 3500 Walnut St McKeesport, PA 15132 no longer in business	15132	2000	8.87	10.56	0.20	0.20	0.59	0.20	0.06		41.73	3479	METAL COATINGS & ALLIED SERVICES	
		2001	12.24	14.57	0.28	0.28	0.81	0.28	0.09		47.35			
		2002	9.40	11.19	0.21	0.21	0.62	0.21	0.07		50.20			
		2003	12.16	14.47	0.27	0.27	0.81	0.27	0.09		56.59			
		2004	9.46	11.26	0.21	0.21	0.63	0.21	0.07		58.39			
		2005	10.35	12.33	0.23	0.23	0.69	0.23	0.07		19.75			
		2006	9.55	11.37	0.22	0.22	0.63	0.22	0.07		18.23			
		2007	9.36	11.14	0.21	0.21	0.62	0.21	0.07		16.73			
		2008	9.44	11.24	0.21	0.21	0.63	0.21	0.07		17.63			
		2009	1.77	2.11	0.04	0.04	0.12	0.04	0.01		2.23			
PRESSURE CHEMICAL COMPANY 3419 Smallman Street Pittsburgh, PA 15201	15201	2000	0.40	0.48	0.01	0.01	0.03	0.01	0.00		29.73	2869	INDUSTRIAL ORGANIC CHEMICALS	
		2001	0.34	0.41	0.01	0.01	0.02	0.01	0.00		24.02			
		2002	0.42	0.50	0.01	0.01	0.03	0.01	0.00		22.03			
		2003	0.46	0.55	0.01	0.01	0.03	0.01	0.00		22.03			
		2004	0.48	0.58	0.01	0.01	0.03	0.01	0.00		18.82			
		2005	0.42	0.50	0.01	0.01	0.03	0.01	0.00		24.13			
		2006	0.38	0.45	0.01	0.01	0.03	0.01	0.00		23.09			
		2007	0.47	0.55	0.01	0.01	0.03	0.01	0.00		11.40			
		2008	0.45	0.54	0.01	0.01	0.03	0.01	0.00		9.13			
		2009	0.37	0.44	0.01	0.01	0.02	0.01	0.00		5.80			
		2010	0.40	0.50	0.00	0.04					7.30			
		2011	0.43	0.51	0.01	0.00				0.00	0.00			4.43
		2012	0.39	0.47	0.01	0.01				0.00	0.02			5.65
2013	0.51	0.61	0.01	0.01	0.04			0.00	0.02	4.09				
2014	0.51	0.60	0.00	0.00	0.00			0.00	0.02	4.99				
REDLAND BRICK INC. 230 RICH HILL ROAD CHESWICK, PA 15024	15024	2000	24.60	14.90	11.07	1.14	18.07	15.37	83.98		2.04	3251	BRICK & STRUCTURAL CLAY TILE	
		2001	25.21	12.76	11.33	1.19	11.57	18.50	41.69		1.82			
		2002	56.11	29.29	20.82	15.59	3.96	31.48	2.78		3.21			
		2003	58.81	31.52	19.38	17.07	5.30	27.76	38.31		3.22			
		2004	65.49	35.20	21.84	17.53	13.03	32.06	22.86		5.84			
		2005	96.34	39.17	12.66	9.88	13.44	21.90	24.12		23.30			
		2006	88.01	36.11	10.00	9.10	13.45	17.23	26.78		21.49			
		2007	88.35	35.14	15.97	12.37	11.96	23.70	34.58		21.78			

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A: Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NOx	PM10 _{FIL}	PM2.5 _{FIL}	PMCOND	PT _{FIL}	SO2	NH3	VOC	SIC CODE	SIC DESCRIPTION
		2008	51.42	19.93	7.62	6.20	5.15	13.69	60.09		4.19		
		2009	38.48	34.71	6.26	4.88	3.86	11.98	32.75		2.87		
		2010	23.30	16.40	7.20	0.04			21.40		1.30		
		2011	47.74	21.01	12.21	11.24			42.07	0.00	1.61		
		2012	29.08	14.44	2.98	2.19			28.22	0.00	0.81		
		2013	14.80	8.60	2.69	2.00	3.70		15.80		0.19		
		2014	25.52	11.88	5.89	1.91	2.26		30.79	0.17	0.85		
ROYSTON LABORATORIES DIVISION/CHASE CORP 128 First Street Pittsburgh, PA 15238 (Source no longer required to submit emissions inventory)	15238	2000	0.04	0.05	0.05	0.01	0.00	0.05	0.00		7.19	2891	ADHESIVES & SEALANTS
		2001	0.03	0.04	0.10	0.01	0.00	0.10	0.00		9.60		
		2002	0.03	0.04	0.09	0.09	0.00	0.09	0.00		6.09		
		2003	0.04	0.05	3.14	3.14	0.00	3.14	0.00		6.38		
		2004	0.05	0.05	3.40	3.40	0.00	3.40	0.00		6.47		
		2005	0.12	0.14	0.01	0.01	0.01	0.01	0.00		8.58		
		2006	0.10	0.12	0.01	0.01	0.01	0.02	0.00		22.08		
		2007	0.08	0.10	0.01	0.01	0.01	0.01	0.00		17.13		
		2008	0.08	0.09	0.00	0.00	0.01	0.01	0.00		15.00		
		2009	0.07	0.09	0.01	0.01	0.00	0.02	0.00		9.50		
		2010	0.20	0.30	0.00	0.00			0.00		5.10		
		2011	0.22	0.26	0.01	0.01			0.00	0.00	4.14		
		2012	0.12	0.14	0.01	0.01			0.00	0.00	5.40		
		2013	0.21	0.25	0.04	0.04	0.02		0.00		4.76		
RR DONNELLEY PITTSBURGH 218 N. BRADDOCK AVENUE Pittsburgh, PA 15208 (formerly Hoechstetter Printing)	15208	2000	1.31	1.56	0.03	0.03	0.08	0.03	0.01		43.53	2752	COMMERCIAL LITHO PRINTING
		2001	1.27	1.51	0.03	0.03	0.07	0.02	0.01		43.28		
		2002	0.23	0.27	0.01	0.01	0.02	0.01	0.00		42.99		
		2003	0.17	0.20	0.00	0.00	0.01	0.00	0.00		23.09		
		2004	0.37	0.45	0.01	0.01	0.03	0.01	0.00		18.65		
		2005	0.38	0.46	0.01	0.01	0.03	0.01	0.00		19.07		
		2006	0.41	0.49	0.01	0.01	0.03	0.01	0.00		21.68		
		2007	0.47	0.55	0.01	0.01	0.03	0.01	0.00		20.28		
		2008	0.37	0.45	0.01	0.01	0.03	0.01	0.00		19.74		
		2009	0.37	0.44	0.01	0.01	0.03	0.01	0.00		16.31		
		2010	0.38	0.45	0.01	0.01			0.00		13.41		
		2011	0.33	0.39	0.01	0.01			0.00	0.00	13.94		
		2012	0.39	0.47	0.01	0.01			0.00	0.00	12.11		
		2013	0.50	0.59	0.01	0.01			0.00	0.00	10.32		
		2014	0.51	0.61	0.01	0.01			0.00	0.00	9.93		
SHENANGO INC. 200 Neville Rd. Pittsburgh, PA 15225	15,225 00	2000	390.61	454.38	71.02	46.13	14.48	244.29	493.29		43.93	3312	BLAST FURNACES & STEEL MILLS
		2001	389.38	424.50	68.44	38.23	11.82	244.75	468.80		37.44		
		2002	364.95	465.20	63.56	38.96	29.94	252.98	307.78		27.39		
		2003	371.42	422.71	58.71	38.79	30.92	180.55	349.38		24.29		
		2004	433.21	385.52	61.75	39.98	30.20	187.41	447.13		39.41		
		2005	419.42	441.57	59.11	38.43	38.43	165.71	333.37		77.14		
		2006	445.21	470.61	62.09	38.96	33.68	220.20	256.35		81.76		
		2007	428.39	770.33	43.84	22.68	160.11	110.85	295.55		71.91		
		2008	351.41	375.79	40.46	21.12	159.31	103.59	330.80		93.43		
		2009	197.32	302.09	52.90	37.00	134.76	101.76	255.25		95.55		
		2010	248.70	382.80	98.80	80.31			418.50	3.61	109.50		
		2011	205.34	427.11	88.68	70.09			371.65	3.22	99.60		
		2012	220.97	391.38	49.57	36.33			254.61	3.27	87.21		
		2013	239.16	391.81	48.52	34.04	28.35		285.13	3.27	92.60		
		2014	194.44	385.27	47.53	32.96	29.37		275.89	3.09	87.63		
SOUTH HILLS HEALTH SYSTEM - JEFFERSON CENTER Coal Valley Road Pittsburgh, PA 15236	15236	2000	2.79	3.45	1.25	0.11	0.20	6.07	1.09		0.28	8062	GENERAL MEDICAL & SURGICAL HOSPITALS
		2001	2.47	3.24	0.07	0.06	0.18	0.09	0.62		0.26		
		2002	3.12	3.75	0.07	0.07	0.21	0.07	0.08		0.26		
		2003	2.89	3.46	0.07	0.07	0.20	0.07	0.09		0.24		
		2004	2.97	3.58	0.07	0.07	0.20	0.07	0.09		0.24		
		2005	3.22	3.86	0.19	0.09	0.22	0.67	0.10		0.26		
		2006	3.29	3.95	0.08	0.08	0.23	0.08	0.12		0.27		
		2007	3.26	3.89	0.07	0.07	0.22	0.08	0.05		0.27		
		2008	3.74	4.47	0.09	0.09	0.25	0.09	0.07		0.29		
		2009	4.10	4.91	0.09	0.09	0.28	0.10	0.09		0.32		
		2010	4.00	4.80	0.40	0.37			0.00	0.15	0.30		
		2011	4.65	5.53	0.11	0.11			0.03	0.03	0.35		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A: Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NOx	PM10 _{FL}	PM2.5 _{FL}	PMCOND	PT _{FL}	SO2	NH3	VOC	SIC CODE	SIC DESCRIPTION
		2012	4.62	5.50	0.84	0.84			0.03	0.03	0.37		
		2013	5.72	6.99	0.81	0.81	0.37		0.07	0.03	0.43		
		2014	7.71	8.58	0.72	0.72	0.03		0.08	0.03	0.48		
STANDARD FORGED PRODUCTS, LLC 75 Nichol Avenue MCKEES ROCKS, PA 15136 (formerly Trinity industries Plant 112)	15136	2000	12.59	14.99	1.09	1.09	0.85	1.09	0.09		0.82	3462	IRON & STEEL FORGINGS
		2001	4.16	4.94	0.09	0.09	0.28	0.09	0.03		0.27		
		2002	6.28	7.48	0.13	0.13	0.40	0.13	0.04		0.39		
		2003	17.39	20.70	0.39	0.39	1.11	0.39	0.12		1.14		
		2004	24.80	30.07	1.17	1.05	1.72	1.79	0.18		1.66		
		2005	15.70	18.69	4.12	4.00	1.07	4.74	0.11		1.03		
		2006	19.73	23.49	4.54	4.42	1.34	5.16	0.14		1.29		
		2007	18.71	22.28	1.22	1.03	1.27	2.10	0.13		1.23		
		2008	16.46	19.63	1.15	0.97	1.12	2.04	0.12		1.08		
		2009	10.02	11.96	0.71	0.52	0.68	1.65	0.07		0.66		
		2010	8.79	10.50	1.51	1.31			0.07		1.14		
		2011	17.22	20.59	3.53	3.39			0.13	0.66	1.51		
		2012	23.01	27.73	4.11	3.74			0.17	0.88	1.44		
		2013	22.05	26.25	4.27	4.14	1.50		0.17	0.84	1.63		
		2014	3.37	27.25	4.61	4.45	0.10		0.19	0.95	1.63		
STATE CORRECTIONAL INSTITUTION 3001 Beaver Ave Pittsburgh, PA 15233	15233	2000	10.97	13.82	3.79	0.30	0.12	5.13	42.55		0.78	9223	CORRECTIONAL INSTITUTIONS
		2001	7.68	9.61	2.29	0.21	0.18	3.09	25.49		0.57		
		2002	6.83	8.56	2.03	0.19	0.13	2.74	22.59		5.23		
		2003	8.94	12.07	2.77	0.32	0.19	3.71	30.20		0.29		
		2004	12.52	15.74	4.87	0.34	2.12	6.61	55.28		0.12		
		2005	2.04	2.68	0.07	0.07	0.13	0.07	0.09		0.16		
		2006	1.32	1.57	0.03	0.03	0.09	0.03	0.01		0.09		
		2007	2.44	3.20	0.10	0.06	0.18	0.08	0.02		0.18		
		2008	1.80	4.09	0.34	0.08	0.23	0.22	0.02		0.27		
		2009	3.27	4.60	0.09	0.09	0.26	0.09	0.04		0.64		
		2010	3.20	4.80	0.10	0.12			0.10	0.02	0.70		
		2011	3.57	4.63	0.11	0.11			0.06	0.02	0.25		
		2012	3.51	4.57	0.11	0.11			0.06	0.02	0.25		
		2013	4.21	4.69	0.12	0.09	0.31		0.04	0.02	0.62		
ST. CLAIR HOSPITAL 1000 BOWER HILL ROAD PITTSBURGH, PA 15243 (Source no longer required to submit emissions inventory)	15243	2010	4.30	5.30	0.10	0.12			0.00	0.02	0.30	8062	GENERAL MEDICAL & SURGICAL HOSPITALS
		2011	4.00	4.79	0.19	0.19			0.02	0.00	0.26		
		2012	4.53	5.65	0.22	0.22			0.08	0.00	0.31		
		2013	4.42	5.45	0.21	0.21	0.30		0.07		0.30		
SUN REFINING AND MARKETING 701 Freeport Rd. Pittsburgh, PA 15238 (Source no longer required to submit emissions inventory)	15238	2000	0.03	0.03	0.00	0.00	0.00	0.00	0.00		3.08	5171	PETROLEUM BULK STATIONS & TERMINALS
		2001	0.13	0.16	0.00	0.00	0.01	0.00	0.00		2.22		
		2002	0.13	0.16	0.00	0.00	0.01	0.00	0.00		3.01		
		2003	0.13	0.16	0.00	0.00	0.01	0.00	0.00		3.03		
		2004	0.12	0.15	0.00	0.00	0.01	0.00	0.00		3.35		
		2005	0.09	0.11	0.00	0.00	0.01	0.00	0.00		3.02		
		2006	0.27	0.32	0.02	0.02	0.01	0.02	0.00		3.84		
		2007	0.40	0.12	0.00	0.00	0.01	0.00	0.14		3.31		
		2008	0.11	0.13	0.00	0.00	0.01	0.00	0.00		5.03		
		2009	0.09	0.11	0.00	0.00	0.01	0.00	0.00		5.92		
		2010	4.10	1.70	0.10	0.06			0.00	0.00	7.00		
		2011	3.15	1.34	0.05	0.03			0.01	0.00	4.35		
		2012	1.05	0.30	0.01	0.01			0.01	0.00	6.32		
		2013	0.70	0.20	0.01	0.01			0.01		4.15		
SUNOCO PARTNERS MARKETING & TERMINALS 5733 Butler Street Pittsburgh, PA 15201	15201	2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00		46.13	5171	PETROLEUM BULK STATIONS & TERMINALS
		2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00		54.37		
		2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00		50.21		
		2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00		21.00		
		2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00		24.24		
		2005	0.15	0.18	0.00	0.00	0.01	0.00	0.00		21.67		
		2006	0.07	0.08	0.00	0.00	0.00	0.00	0.00		19.54		
		2007	0.07	0.08	0.00	0.00	0.00	0.00	0.00		25.36		
		2008	0.06	0.07	0.00	0.00	0.00	0.00	0.00		23.33		
		2009	0.09	0.11	0.00	0.00	0.01	0.00	0.00		24.79		
		2010	0.02	0.09	0.00	0.00			0.00		23.98		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A: Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NOx	PM10 _{FIL}	PM2.5 _{FIL}	PMCOND	PT _{FIL}	SO2	NH3	VOC	SIC CODE	SIC DESCRIPTION	
		2011	0.09	0.10	0.01	0.00			0.00	0.00	24.27			
		2012	0.07	0.08	0.00	0.00			0.00	0.00	20.26			
		2013	0.06	0.07	0.00	0.00			0.00		16.79			
		2014	0.00	0.00							9.79			
TECHMET INC 15 Allegheny Sq Glassport, PA 15045-1649	15045	2013	0.26	26.24	0.03	0.01	0.02		0.01	0.01	3.02	3.0249		
		2014	0.28	18.66	0.02	0.00	0.00		0.01	0.01	0.86			
THE LANE CONSTRUCTION CORP. - BRIDGEVILLE 3 PRESTLEY ROAD BRIDGEVILLE, PA 15017	15017	2000	3.25	9.50	6.96	0.71	1.16	20.20	47.43			1.93	2951	PAVING MIXTURES & BLOCKS
		2001	1.11	11.82	14.27	1.44	1.60	34.84	73.75			0.87		
		2002	1.32	25.48	4.14	4.14	1.04	18.89	29.07			6.45		
		2003	1.24	25.42	3.67	3.67	1.04	17.98	28.87			6.38		
		2004	33.01	21.27	0.35	0.27	0.33	1.05	26.98			3.69		
		2005	35.68	17.60	0.36	0.26	0.34	1.11	21.64			3.10		
		2006	34.50	18.60	0.36	0.27	0.31	1.09	21.48			3.48		
		2007	35.38	16.61	0.36	0.27	0.31	1.11	22.19			3.29		
		2008	27.81	19.74	0.26	0.21	0.24	0.71	20.04			2.64		
		2009	19.25	12.43	0.19	0.15	0.17	0.55	14.82			1.97		
		2010	17.90	6.60	0.20	0.13			7.00	0.01		1.40		
		2011	25.18	9.22	0.25	0.18			9.77	0.03		2.01		
		2012	18.31	5.81	7.80	2.06			5.17	0.02		2.79		
2013	4.51	2.62	11.36	2.86	1.74		0.37			4.91				
2014	7.17	4.16	9.86	2.53	2.77		0.59			7.77				
THE LANE CONSTRUCTION CORP - SPRINGDALE 1000 SHEROSKY WAY SPRINGDALE, PA 15144	15144	2000	5.80	14.20	9.35	1.11	0.35	33.32	0.11		0.21	2951	PAVING MIXTURES & BLOCKS	
		2001	0.12	0.29	1.18	0.15	0.05	2.61	0.00		0.09			
		2008	7.68	2.30	0.37	0.10	0.68	1.52	0.05		0.69			
		2009	12.13	4.25	0.54	0.15	1.05	2.24	0.28		3.60			
		2010	5.90	6.10	1.00	0.32			0.40	0.06		2.70		
		2011	3.87	4.00	0.62	0.20			0.24	0.04		1.76		
		2012	2.81	2.94	0.39	0.14			0.16	0.04		1.07		
		2013	2.12	2.27	0.29	0.10	0.46		0.12	0.03		0.91		
		2014	9.09	1.80	0.30	0.02	1.36		0.24			3.35		
THE LANE MCKEES ROCK ASPHALT PLANT ROBB ST. MCKEES ROCKS, PA 15136	15136	2000	4.64	13.07	9.57	0.97	1.62	13.04	85.82		2.64	2951	PAVING MIXTURES & BLOCKS	
		2001	2.66	18.74	20.23	2.06	3.52	27.48	146.76		5.65			
		2002	1.56	27.57	4.44	4.43	0.67	4.46	22.43		5.40			
		2003	1.48	36.60	4.95	4.94	0.67	27.99	29.22		6.90			
		2004	61.69	40.33	0.52	0.36	0.40	1.66	21.51		4.42			
		2005	65.39	40.51	0.55	0.38	0.42	1.76	21.11		4.67			
		2006	64.83	38.67	0.55	0.38	0.42	1.76	18.23		4.64			
		2007	46.09	28.74	0.40	0.27	0.30	1.27	13.88		3.33			
		2008	38.95	28.50	0.63	0.32	0.25	1.70	14.01		2.82			
		2009	35.25	23.99	0.31	0.21	0.23	0.98	12.32		2.55			
		2010	38.20	23.70	0.60	0.30			13.20	0.03		2.70		
		2011	31.65	19.64	1.03	0.25			9.61	0.04		2.27		
		2012	23.61	14.65	0.80	0.56			7.17	0.04		1.71		
		2013	19.15	1.19	0.19	0.06	0.12		5.81	0.06		1.98		
2014	25.19	1.57	0.22	0.07	0.16		7.65	0.06		0.92				
THE VALSPAR CORPORATION 2000 Westhall Street Pittsburgh, PA 15233 (Source no longer required to submit emissions inventory)	15233	2000	2.10	2.50	2.54	0.29	0.04	2.99	0.01		47.68	2851	PAINTS & ALLIED PRODUCTS	
		2001	1.58	1.88	4.00	0.43	0.03	4.70	0.01		18.45			
		2002	1.75	2.08	3.04	3.04	0.04	3.57	0.01		16.44			
		2003	1.81	2.15	2.80	2.80	0.04	3.29	0.01		17.47			
		2004	1.75	2.08	0.50	0.50	0.04	0.58	0.01		17.19			
		2005	2.07	2.46	0.28	0.27	0.04	0.32	0.01		18.07			
		2006	1.38	1.84	0.29	0.28	0.02	0.30	0.97		8.93			
		2007	0.88	1.47	0.15	0.13	0.05	0.18	0.64		3.17			
		2008	1.81	2.15	0.06	0.06	0.12	0.06	0.01		2.64			
		2009	0.86	1.03	0.04	0.04	0.06	0.04	0.01		1.24			
		2010	2.90	3.24	0.38	0.38			0.02	0.11		1.80		
		2011	2.57	3.06	0.53	0.53			0.02	0.10		1.80		
		2012	2.23	2.66	0.05	0.05			0.02	0.01		1.85		
2013	2.62	3.12	0.06	0.06	0.18		0.02	0.02		1.98				
TUBE CITY IMS FORMERLY MULTISERVE 1300 BRADDOCK AVE.	15104	2000	0.00	0.00	35.04	8.87	0.00	158.94	0.00		0.00	7389	SERVICES - BUSINESS SERVICES, NEC	
		2001	0.00	0.00	23.03	4.85	0.00	78.42	0.00		0.00			

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A: Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NOx	PM10 _{F_{2.5}}	PM2.5 _{F_{2.5}}	PMCOND	PT _{F_{2.5}}	SO2	NH3	VOC	SIC CODE	SIC DESCRIPTION	
BRADDOCK, PA 15104		2002	0.00	0.00	25.20	6.07	0.00	83.32	0.00		0.00			
		2003	0.00	0.00	26.47	5.34	0.00	87.85	0.00		0.00			
		2004	0.00	0.00	28.91	5.55	0.00	104.09	0.00		0.00			
		2005	0.00	0.00	28.68	5.56	0.00	103.56	0.00		0.00			
		2006	0.00	0.00	31.10	3.44	0.00	91.56	0.00		0.00			
		2007	0.00	0.00	27.87	3.07	0.00	82.46	0.00		0.00			
		2008	0.00	0.00	1.84	0.30	0.00	4.69	0.00		0.00			
		2009	0.00	0.00	1.57	0.26	0.00	3.69	0.00		0.00			
		2010	0.00	0.00	2.19	0.32			0.00			0.00		
		2011	0.00	0.00	2.16	0.39			0.00		0.00	0.00		
		2012	0.00	0.00	2.17	0.38			0.00		0.00	0.00		
		2013	0.00	0.00	13.24	3.74			0.00		0.00	0.00		
		2014					16.93	6.32					15.87	
		TUBE CITY IMS WM 516 DELWAR ROAD WEST MIFFLIN, PA 15236	15236	2000										5093
2001	0.05			0.07	3.13	0.58	0.00	5.74	0.00			0.01		
2002	0.05			0.07	3.08	0.65	0.00	5.72	0.00			0.01		
2003	0.07			0.08	3.08	0.65	0.00	5.72	0.00			0.01		
2004	0.15			0.17	7.73	1.17	0.01	15.99	0.00			0.01		
2005	0.14			0.17	3.74	0.85	0.01	8.46	0.00			0.01		
2006	0.13			0.15	0.87	0.37	0.01	1.57	0.00			0.01		
2007	0.14			0.17	1.02	0.51	0.01	1.73	0.00			0.01		
2008	0.15			0.18	5.52	2.44	0.01	11.10	0.00			0.01		
2009	0.11			0.13	4.28	2.19	0.01	7.99	0.00			0.01		
2010	0.13			0.15	5.33	1.85			0.00			0.01		
2011	0.46			0.54	6.76	1.82			0.00		0.00	0.03		
2012	0.69			0.82	6.40	1.63			0.00		0.00	0.05		
2013	0.08			0.05	13.64	2.30			0.00			0.13		
2014	0.15	0.13	7.46	5.01	0.01		0.00			2.40				
TYK AMERICA 301 Brickyard Road Clairton, PA 15025 <small>(Source no longer required to submit emissions inventory)</small>		2011	0.41	0.44	0.55	0.55			0.01	0.01	6.95	3297	NONCLAY REFRACTORIES	
		2012												
		2013	0.58	1.11	0.82	0.82	0.03		0.02	0.02	1.14			
UNION ELECTRIC STEEL CORPORATION 726 Bell Avenue Camegle, PA 15106 <small>(Source no longer required to submit emissions inventory)</small>	15106	2000	4.03	4.80	0.09	0.09	0.27	0.09	0.03		4.36	3547	ROLLING MILLS & MACHINERY	
		2001	3.69	5.89	0.08	0.08	0.25	0.08	0.03		5.54			
		2002	4.47	7.15	0.10	0.10	0.30	0.10	0.03		5.54			
		2003	5.06	6.02	0.11	0.11	0.34	0.11	0.04		5.15			
		2004	5.37	6.39	0.12	0.12	0.36	0.12	0.04		5.17			
		2005	5.12	6.10	0.12	0.12	0.35	0.12	0.04		6.82			
		2006	4.83	5.75	0.11	0.11	0.33	0.11	0.03		5.58			
		2007	4.70	5.60	0.11	0.11	0.32	0.11	0.03		5.79			
		2008	5.22	6.22	0.12	0.12	0.35	0.12	0.04		6.75			
		2009	3.99	4.75	0.09	0.09	0.27	0.09	0.03		5.52			
		2010	5.04	6.01	0.11	0.11			0.04		5.85			
		2011	4.78	5.69	0.11	0.11			0.03		0.03	4.75		
		2012	4.47	5.32	0.10	0.10			0.03		0.12	6.00		
2013	4.54	5.41	0.10	0.10	0.31		0.03		0.12	5.26				
UNIVAR, USA INC./BUNOLA 328 Bunola River Rd Bunola, PA 15020												5169	WHOLESALE TRADE - CHEMICALS AND ALLIED PRODUCTS	
		2014	0.10	0.40	0.07	0.07	0.03		0.14		4.55			
UNIVERSAL STAINLESS & ALLOY PRODUCTS 600 Mayer Street Bridgeville, PA 15017	15017	2000	113.36	33.22	29.80	14.82	1.75	60.74	0.44		11.26	3312	BLAST FURNACES & STEEL MILLS	
		2001	124.17	52.43	23.27	13.01	1.80	30.23	4.58		13.36			
		2002	111.26	45.37	21.53	12.10	1.56	27.80	3.93		11.98			
		2003	104.04	45.59	20.76	11.70	1.62	31.00	3.79		11.14			
		2004	149.67	44.01	24.19	13.74	1.10	35.48	5.15		16.01			
		2005	120.31	62.91	26.97	19.78	2.39	31.61	14.59		30.12			
		2006	118.13	61.07	26.32	19.28	2.28	30.83	14.49		29.87			
		2007	99.64	58.16	22.46	16.42	1.85	26.52	13.10		25.45			
		2008	107.68	57.49	22.65	16.54	1.86	26.70	13.27		26.31			
		2009	59.23	40.66	13.38	9.96	1.41	16.37	7.66		13.95			
		2010	107.13	56.74	24.12	17.57			13.59		27.75			
		2011	114.49	60.07	18.62	12.57			14.25		0.00	29.61		
		2012	118.03	55.35	19.81	14.95			14.91		0.00	31.63		
		2013	81.79	48.26	13.14	10.21	2.68		9.76			19.92		
		2014	92.05	33.31	14.34	10.69	2.98		7.45		1.04	22.62		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A: Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NOx	PM10 _{FIL}	PM2.5 _{FIL}	PMCOND	PT _{FIL}	SO2	NH3	VOC	SIC CODE	SIC DESCRIPTION
UNIVERSITY OF PITTSBURGH (MAIN CAMPUS) 3412 Forbes Avenue Pittsburgh, PA 15260	15260	2002	4.08	5.70	0.17	0.17	0.34	0.17	0.10		6.10	8221	COLLEGES & UNIVERSITIES
		2003	3.60	4.93	0.14	0.14	0.29	0.14	0.22		4.99		
		2004	3.39	4.61	0.13	0.13	0.27	0.13	0.07		4.47		
		2005	3.74	5.00	0.13	0.13	0.30	0.13	0.07		3.71		
		2006	3.08	4.51	0.14	0.14	0.19	0.14	0.09		4.19		
		2007	3.69	5.77	0.20	0.20	0.22	0.20	0.15		3.54		
		2008	4.53	6.37	0.19	0.19	0.12	0.19	0.12		3.26		
		2009	3.31	5.17	0.18	0.18	0.05	0.18	0.13		3.21		
		2010	5.05	6.78	0.21	0.21			0.22		3.88		
		2011	4.14	5.96	0.23	0.23			0.29	0.00	4.13		
		2012	4.81	6.45	0.26	0.26			0.22	0.03	3.50		
		2013	5.02	6.79	0.22	0.22	0.30		0.24	0.02	4.09		
		2014	6.17	13.14	0.30	0.24	0.23		0.66	2.19	7.19		
		UNIVERSITY OF PITTSBURGH APPLIED RESEARCH CENTER 3170 WILLIAM PITT WAY PITTSBURGH, PA 15238	15238	2000	9.07	8.64	0.21	0.18	0.49	0.27	0.06		
2001	9.08			8.64	0.21	0.18	0.49	0.27	0.06		0.56		
2002	9.11			8.71	0.21	0.18	0.49	0.27	0.06		0.57		
2003	9.70			9.41	0.22	0.19	0.53	0.29	0.07		0.61		
2004	7.25			8.65	0.17	0.17	0.49	0.17	0.05		0.48		
2005	7.29			8.70	0.17	0.17	0.49	0.17	0.05		0.48		
2006	6.59			7.87	0.15	0.15	0.45	0.15	0.05		0.43		
2007	7.38			8.80	0.17	0.17	0.50	0.17	0.05		0.48		
2008	7.53			8.99	0.17	0.17	0.51	0.17	0.06		0.50		
2009	8.06			9.61	0.18	0.18	0.55	0.18	0.06		0.53		
2010	7.71			9.20	0.70	0.70			0.06	0.29	0.51		
2011	7.43			8.89	0.68	0.68			0.06	0.28	0.49		
2012	7.77			9.29	0.18	0.18			0.06	0.30	0.51		
2013	7.67			9.21	0.18	0.18	0.52		0.06	0.29	0.51		
2014	8.55	10.21	0.02	0.01	0.03		0.06	0.33	0.56				
UPMC - MAGEE 300 Halket Street Pittsburgh, PA 15213	15213	2000	5.27	6.27	0.09	0.13	0.36	0.13	0.08		1.70	8062	GENERAL MEDICAL & SURGICAL HOSPITALS
		2001	5.31	6.55	0.14	0.14	0.36	0.14	0.14		1.72		
		2002	5.42	7.00	0.17	0.17	0.37	0.53	0.88		1.75		
		2003	5.40	6.94	0.17	0.16	0.36	0.17	0.66		1.75		
		2004	5.40	6.96	0.14	0.14	0.36	0.14	0.56		1.51		
		2005	5.40	6.94	0.17	0.16	0.36	0.17	0.56		1.54		
		2006	5.40	6.94	0.17	0.16	0.36	0.17	0.11		1.56		
		2007	5.93	8.35	0.25	0.25	0.38	0.25	0.15		1.66		
		2008	6.56	9.10	0.26	0.26	0.42	0.26	0.16		1.74		
		2009	6.50	8.86	0.25	0.25	0.42	0.25	0.14		5.54		
		2010	6.50	8.82	0.24	0.24			0.14	0.04	1.02		
		2011	6.57	8.94	0.25	0.25			0.14	0.24	1.89		
		2012	7.00	9.32	0.20	0.20			0.14	0.04	1.03		
		2013	7.60	10.37	0.24	0.23	0.50		0.25	0.04	1.09		
2014	7.82	10.65	0.07	0.07	0.04		0.17	0.04	1.09				
UPMC - MCKEESPORT 1500 Fifth Avenue Pittsburgh, PA 15132	15132	2000	3.17	4.51	0.15	0.15	0.22	0.15	0.64		2.73	8062	GENERAL MEDICAL & SURGICAL HOSPITALS
		2001	3.46	8.78	0.28	0.24	0.30	0.36	3.90		4.43		
		2002	2.94	8.97	0.21	0.21	0.15	0.21	0.22		3.33		
		2003	4.70	13.64	0.32	0.29	0.27	0.35	1.28		3.15		
		2004	5.02	13.83	0.28	0.27	0.26	0.28	0.11		3.93		
		2005	4.79	10.21	0.27	0.27	0.37	0.27	0.12		3.84		
		2006	5.52	16.62	0.55	0.55	0.29	0.55	0.32		3.99		
		2007	3.38	6.61	0.15	0.15	0.21	0.16	0.08		2.93		
		2008	2.90	4.18	0.13	0.13	0.18	0.13	0.08		3.75		
		2009	2.71	3.64	0.10	0.10	0.18	0.10	0.06		3.21		
		2010	2.75	3.62	0.06	0.06			0.05	0.02	3.25		
		2011	2.84	3.60	0.08	0.08			0.04	0.02	3.00		
		2012	2.75	3.51	0.08	0.08			0.04	0.02	2.88		
		2013	2.95	3.71	0.08	0.08	0.20		0.04	0.02	2.39		
2014	4.03	3.48	0.08	0.08	0.21		0.22	0.02	0.91				
UPMC - OAKLAND 200 Lothrop Street Pittsburgh, PA 15213	15213	2000	6.34	7.57	0.64	0.23	0.37	1.33	0.56		2.59	8062	GENERAL MEDICAL & SURGICAL HOSPITALS
		2001	6.03	7.50	0.88	0.27	0.34	1.65	0.74		2.76		
		2002	5.86	7.13	0.71	0.23	0.35	1.29	0.58		1.98		
		2003	5.45	6.63	0.14	0.12	0.37	0.15	0.07		1.55		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A: Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NOx	PM10 _{FIL}	PM2.5 _{FIL}	PMCOND	PT _{FIL}	SO2	NH3	VOC	SIC CODE	SIC DESCRIPTION
(Source no longer required to submit emissions inventory)		2004	5.23	6.30	0.16	0.12	0.35	0.15	0.05		1.46		
		2005	5.18	6.22	0.15	0.12	0.35	0.16	0.05		1.45		
		2006	5.05	6.11	0.16	0.12	0.34	0.19	0.05		1.45		
		2007	5.41	6.53	0.17	0.12	0.37	0.19	0.05		0.42		
		2008	0.10	3.39	1.36	0.05	0.00	1.89	0.15		0.21		
		2009	0.01	0.03	0.01	0.00	0.00	0.02	0.01		0.80		
		2010	0.30	0.40	0.10	0.10		0.93	0.01		0.84		
		2011	0.28	0.36	0.11	0.11		0.93	0.01		0.84		
		2012	1.30	4.70	0.15	0.12		0.34	0.00		0.19		
		2013	0.39	1.33	0.08	0.06	0.00	0.12			0.11		
		UPMC PASSAVANT HOSPITAL 9100 Babcock Blvd Pittsburgh, Pa. 15237	15237.00	2010	7.43	9.19	1.79	1.79			0.08	0.28	0.51
2011	6.42			8.74	1.34	1.34			0.14	0.23	0.52		
2012	7.01			8.54	1.26	1.25			0.06	0.04	0.46		
2013	6.31			9.92	1.27	1.27	0.37		0.04	0.03	0.45		
2014	8.24			12.89	1.18	1.17	0.04		0.05	0.04	0.59		
UPMC - SHADYSIDE 5230 Centre Avenue Pittsburgh, PA 15232	15232	2000	7.43	11.46	0.50	0.42	0.44	0.61	0.38		2.53	8062	GENERAL MEDICAL & SURGICAL HOSPITALS
		2001	6.70	9.26	0.26	0.26	0.42	0.26	0.42		2.37		
		2002	10.18	13.44	0.33	0.33	0.65	0.33	0.45		1.51		
		2003	11.21	13.81	0.29	0.29	0.75	0.29	0.22		2.58		
		2004	11.65	14.53	0.31	0.31	0.78	0.32	0.17		2.63		
		2005	11.04	13.51	0.28	0.28	0.74	0.28	0.21		2.56		
		2006	11.10	13.67	0.28	0.28	0.74	0.28	0.26		2.58		
		2007	11.11	13.93	0.31	0.31	0.74	0.31	0.47		1.59		
		2008	9.64	11.56	0.22	0.22	0.65	0.23	0.28		0.66		
		2009	9.75	11.69	0.23	0.23	0.66	0.23	0.29		1.39		
		2010	10.00	7.56	0.24	0.24			0.46	0.07	0.72		
		2011	9.89	7.23	0.24	0.24			0.55	0.06	0.67		
		2012	10.48	6.93	0.24	0.24			0.14	0.06	0.67		
		2013	11.18	6.95	0.26	0.25	0.73		0.16	0.06	0.72		
2014	11.80	8.07	0.04	0.03	0.05		0.16	0.07	0.76				
UPMC - SOUTHSIDE 2000 Mary Street Pittsburgh, PA 15203 (Source no longer required to submit emissions inventory)	15203	2000	1.38	1.64	0.03	0.03	0.09	0.03	0.01		0.09	8062	GENERAL MEDICAL & SURGICAL HOSPITALS
		2001	1.48	1.77	0.03	0.03	0.00	0.03	0.03		0.10		
		2002	1.79	2.48	0.07	0.07	0.12	0.07	0.06		0.15		
		2003	1.12	1.41	0.03	0.03	0.07	0.03	0.01		0.08		
		2004	1.30	1.57	0.03	0.03	0.09	0.03	0.02		0.09		
		2005	1.25	1.78	0.05	0.05	0.08	0.05	0.10		0.11		
		2006	1.27	1.66	0.04	0.04	0.08	0.04	0.06		0.10		
		2007	1.36	1.67	0.03	0.03	0.09	0.04	0.07		0.09		
		2008	1.54	1.88	0.04	0.04	0.10	0.04	0.04		0.10		
		2009	1.50	1.80	0.04	0.04	0.10	0.04	0.02		0.10		
		2010	1.30	1.60	0.19	0.19			0.03	0.01	0.10		
		2011	1.29	1.55	0.19	0.19			0.03	0.01	0.09		
		2012	0.47	0.66	0.23	0.23			0.01	0.00	0.03		
		2013	1.43	1.89	0.25	0.25	0.09		0.03	0.01	0.10		
UPMC ST.MARGARET HOSPITAL/ASPINWALL 815 FREEPORT ROAD Pittsburgh, Pa. 15215 (Source no longer required to submit emissions inventory)	15215	2010	3.58	4.93	0.19	0.19			0.08	0.02	1.38	8062	GENERAL MEDICAL & SURGICAL HOSPITALS
		2011	3.12	3.49	0.11	0.11			0.06	0.14	0.30		
		2012	1.79	1.89	0.09	0.09			0.06	0.02	0.25		
		2013	2.17	2.14	0.11	0.11	0.22		0.02	0.02	0.30		
US AIRWAYS MAINTENANCE BASE PGH. INT. AIRPORT HANGAR RD. Pittsburgh, PA 15231	15231	2000	10.61	9.03	1.16	1.21	0.00	1.16	0.22		63.57	4581	AIRPORTS, FLYING FIELDS, & SERVICES
		2001	13.99	7.15	0.38	0.38	0.00	0.38	0.17		63.65		
		2002	11.39	5.47	0.10	0.00	0.00	0.10	0.00		25.57		
		2003	4.30	6.05	0.13	0.12	0.26	0.16	0.07		44.08		
		2004	4.05	7.31	0.59	0.58	0.24	0.61	0.14		51.97		
		2005	3.00	3.73	0.18	0.19	0.21	0.19	0.02		29.09		
		2006	1.39	1.65	0.09	0.00	0.00	0.06	0.01		26.50		
		2007	2.52	3.00	0.09	0.05	0.00	0.09	0.02		19.72		
		2008	2.16	2.57	0.05	0.00	0.00	0.05	0.02		5.56		
		2009	1.92	2.38	0.06	0.04	0.00	0.06	0.01		8.70		
		2010	2.08	2.47	0.10	0.10			0.00	0.09	7.94		
		2011	1.58	1.87	0.02	0.02			0.00	0.06	8.47		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A: Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NOx	PM10 _{FIL}	PM2.5 _{FIL}	PMCOND	PT _{FIL}	SO2	NH3	VOC	SIC CODE	SIC DESCRIPTION
		2012	1.68	2.24	0.04	0.04			0.01	0.06	7.97		
		2013	1.63	1.94	0.04	0.04			0.01	0.06	9.28		
		2014	1.51	1.70	0.03	0.02			0.01	0.04	9.59		
US STEEL TOWER 600 Grant Street Pittsburgh, PA 15219	15219	2000	5.73	6.82	0.13	0.13	0.39	0.13	0.04		0.38	6512	NONRESIDENTIAL BUILDING OPERATORS
		2001	4.23	9.06	0.29	0.12	0.50	0.52	12.90		0.25		
		2002	5.88	7.00	0.13	0.13	0.40	0.13	0.04		0.39		
		2003	6.01	7.15	0.14	0.14	0.41	0.14	0.04		0.39		
		2004	5.17	6.15	0.12	0.12	0.35	0.12	0.04		0.34		
		2005	5.25	6.25	0.15	0.12	0.36	0.12	0.04		0.34		
		2006	4.62	5.83	0.14	0.13	0.31	0.25	0.45		0.31		
		2007	4.47	5.66	0.11	0.11	0.30	0.11	0.13		0.30		
		2008	5.10	6.41	0.12	0.12	0.34	0.13	0.08		0.34		
		2009	5.63	7.04	0.13	0.13	0.38	0.14	0.08		0.37		
		2010	6.81	8.61	0.16	0.16			0.07	0.25	0.45		
		2011	6.47	8.04	0.15	0.15			0.06	0.25	0.43		
		2012	6.55	8.20	0.15	0.15			0.06	0.24	0.44		
		2013	5.77	7.22	0.14	0.14	0.38		0.05	0.21	0.38		
		2014	5.82	7.31	0.02	0.02	0.02		0.06	0.22	0.39		
USS - CLAIRTON WORKS 400 State Street Clairton, PA 15025	15025	2000	3461.93	6767.39	707.99	330.50	389.24	2361.41	1040.41		377.37	3312	BLAST FURNACES & STEEL MILLS
		2001	3959.10	6089.06	687.69	310.80	344.87	2274.36	1221.08		348.21		
		2002	4051.00	5764.22	740.52	319.04	109.06	2461.20	1356.39		352.99		
		2003	4141.76	4863.14	752.33	327.83	114.19	2528.66	1572.46		353.28		
		2004	3893.90	4367.92	711.93	306.32	117.01	2386.92	1653.76		448.60		
		2005	3832.60	4231.23	701.40	301.71	146.10	2345.04	1717.01		511.58		
		2006	3686.68	5012.10	677.84	294.52	153.08	2269.65	1631.70		541.84		
		2007	3559.27	4807.36	418.09	248.72	1701.33	952.07	1739.95		583.10		
		2008	3497.65	4177.14	441.01	252.78	1640.55	1007.58	1501.47		551.65		
		2009	2409.52	3123.55	259.12	153.01	961.19	585.52	3450.83		431.03		
		2010	3429.51	3248.92	370.00	344.75			1350.40	295.07	316.96		
		2011	3114.50	3074.89	514.09	346.36			1467.51	123.42	336.25		
		2012	2549.43	3427.22	501.26	324.01			1737.96	124.98	249.40		
		2013	2888.18	3760.74	517.66	326.69	300.03		1637.15	145.18	307.32		
		2014	2758.20	3794.78	559.61	344.51	331.77		1511.73	141.75	291.15		
USS CORPORATION - EDGAR THOMSON WORKS 13th & Braddock Avenue Braddock, PA 15104	15104	2000	1482.74	290.60	315.68	257.34	674.37	426.43	715.52		26.80	3312	BLAST FURNACES & STEEL MILLS
		2001	1057.23	285.11	245.28	193.75	468.05	355.48	954.58		20.88		
		2002	1493.84	298.17	359.47	291.23	671.03	494.71	1251.56		23.77		
		2003	1518.80	310.34	374.47	308.12	697.42	518.26	973.49	19.48	21.39		
		2004	1337.89	273.78	344.51	300.21	719.10	477.57	672.05		23.23		
		2005	1345.92	300.59	309.33	252.95	739.43	458.12	2318.76		33.78		
		2006	1199.48	282.77	130.24	69.39	670.04	272.00	2096.68		30.70		
		2007	1300.95	318.11	142.19	71.55	739.91	291.12	1689.42		69.05		
		2008	1140.88	293.48	114.77	54.49	644.08	250.80	1536.46		40.86		
		2009	1217.27	314.99	95.95	43.21	672.95	222.58	1285.13		34.60		
		2010	1235.99	265.11	93.88	46.44			828.93		39.70		
		2011	1293.78	275.12	103.70	53.66			1279.00	22.17	41.38		
		2012	1229.78	258.12	102.07	43.89			1430.72	20.54	32.41		
		2013	1265.65	320.46	103.01	43.42	101.93		1454.03	21.76	39.94		
		2014	1342.72	358.05	118.04	50.35	82.64		1329.02	21.74	22.16		
USS CORPORATION - IRVIN PLANT CAMP HOLLOW RD, BOX 878 DRAVOSBURG, PA 15034	15034	2000	234.21	547.88	32.00	30.57	59.58	43.88	47.39		103.52	3312	BLAST FURNACES & STEEL MILLS
		2001	188.85	431.10	27.04	25.92	86.47	36.65	219.84		117.94		
		2002	227.48	596.25	36.79	26.41	43.44	54.54	330.23		86.93		
		2003	204.30	563.25	34.14	24.36	40.89	51.31	384.04		80.75		
		2004	242.85	699.04	44.45	33.68	24.27	63.80	523.35		96.24		
		2005	255.82	598.45	39.31	30.62	21.58	58.34	397.86		68.32		
		2006	188.28	675.92	35.11	29.33	29.59	45.54	372.55		51.43		
		2007	194.14	694.71	28.65	22.90	28.51	39.05	456.11		72.40		
		2008	217.29	632.68	26.89	21.45	26.14	36.63	475.40		67.19		
		2009	186.89	524.71	20.76	16.87	33.85	27.93	1071.26		48.37		
		2010	226.95	753.05	26.76	21.26			428.97	0.78	60.43		
		2011	222.59	762.06	40.58	35.06			418.69	4.44	60.62		
		2012	243.63	754.71	44.81	39.09			635.11	3.65	62.01		
		2013	312.93	753.61	49.43	43.39	21.54		507.42	2.94	70.29		
		2014	776.57	786.54	47.64	41.67	19.42		715.94	2.59	146.85		
VA MEDICAL CENTER - ASPINWALL UNIVERSITY DRIVE C PITTSBURGH, PA 15240	15240	2000	1.67	2.33	0.08	0.08	0.14	0.08	1.38		0.21	8051	SERVICES - SKILLED NURSE CARE FACILITIES
		2001	1.19	2.87	0.10	0.04	0.16	0.18	4.66		0.17		
		2002	1.75	2.08	0.04	0.04	0.12	0.04	0.01		0.21		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT A: Point Source Criteria Air Emissions Report 2000-2014

COMPANY NAME	ZIP	YEAR	CO	NOx	PM10 _{FIL}	PM2.5 _{FIL}	PMCOND	PT _{FIL}	SO2	NH3	VOC	SIC CODE	SIC DESCRIPTION		
(Source no longer required to submit emissions inventory)		2003	1.68	2.18	0.05	0.04	0.13	0.06	0.76			0.21			
		2004	1.76	2.10	0.04	0.04	0.12	0.04	0.01			0.22			
		2005	1.63	1.94	0.12	0.04	0.11	0.12	0.01			0.21			
		2006	1.52	1.81	0.03	0.03	0.10	0.03	0.01			0.20			
		2007	1.72	2.05	0.04	0.04	0.12	0.04	0.02			0.21			
		2008	2.10	2.50	0.05	0.05	0.14	0.05	0.02			0.24			
		2009	5.03	6.09	2.57	2.57	0.34	2.57	0.05			0.34			
		2010	6.85	8.59	3.03	2.82			0.06	0.26		1.12			
		2011	2.69	3.76	0.81	0.81			0.03	0.10		0.19			
		2012	3.62	4.71	0.95	0.95			0.04	0.14		0.25			
		2013	2.90	3.81	0.89	0.89	0.20		0.04	0.02		0.20			
		VA MEDICAL CENTER - HIGHLAND DRIVE 7180 HIGHLAND DRIVE PITTSBURGH, PA 15206 (Source no longer required to submit emissions inventory)	15206	2000	5.16	7.05	0.24	0.24	0.41	0.24	7.23		0.54	8062	GENERAL MEDICAL & SURGICAL HOSPITALS
				2001	3.72	8.41	0.28	0.11	0.46	0.50	12.74		0.36		
2002	2.17			2.59	0.05	0.05	0.15	0.05	0.05		0.42				
2003	4.35			5.23	0.10	0.10	0.30	0.11	0.25		0.47				
2004	5.08			6.05	0.11	0.11	0.34	0.11	0.04		0.42				
2005	5.69			6.93	0.14	0.13	0.40	0.15	1.70		0.53				
2006	2.18			2.60	0.05	0.05	0.15	0.05	0.02		0.33				
2007	4.92			6.10	0.13	0.11	0.35	0.14	0.51		0.50				
2008	4.35			5.23	0.10	0.10	0.30	0.11	0.14		0.48				
2009	4.67			6.01	2.59	2.58	0.32	2.60	0.60		0.76				
2010	6.90			8.60	3.00	0.68			0.10	0.08	1.10				
2011	4.39			5.43	1.57	1.57			0.03	0.16	2.53				
2012	4.58			5.65	2.49	2.49			0.03	0.17	0.31				
2013	4.29	5.21	0.10	0.10	0.28		0.03	0.03	0.28						
VA MEDICAL CENTER - OAKLAND UNIVERSITY DRIVE C PITTSBURGH, PA 15240 (Source no longer required to submit emissions inventory)	15240	2000	2.82	3.69	0.11	0.11	0.21	0.11	1.38		5.74	8062	GENERAL MEDICAL & SURGICAL HOSPITALS		
		2001	2.12	4.78	0.16	0.06	0.26	0.29	7.20		5.86				
		2002	3.23	3.85	0.07	0.07	0.22	0.07	0.02		6.63				
		2003	3.03	3.88	0.09	0.07	0.22	0.11	1.17		5.33				
		2004	3.32	3.95	0.08	0.08	0.22	0.08	0.02		6.55				
		2005	3.81	4.54	0.09	0.09	0.26	0.09	0.03		7.01				
		2006	3.66	4.36	0.08	0.08	0.25	0.08	0.03		6.72				
		2007	4.12	4.91	0.09	0.09	0.28	0.09	0.03		6.46				
		2008	4.76	5.67	0.11	0.11	0.32	0.11	0.03		6.45				
		2009	4.34	5.44	1.11	1.11	0.29	1.11	0.08		5.31				
		2010	5.34	6.58	0.68	0.68			0.04	0.17	1.82				
		2011	4.55	5.47	0.66	0.66			0.03	0.20	1.76				
		2012	5.70	8.50	0.93	0.93			0.04	0.21	1.21				
2013	5.63	9.54	1.33	1.33	0.45		0.47	0.03	0.90						
WALL STATION 9012 ROBERTS HOLLOW ROAD ELIZABETH, PA 15037	15037	2006	25.70	15.72	0.07	0.00	0.00	0.07	0.00		4.20	4922	NATURAL GAS TRANSMISSION		
		2007	20.07	11.98	0.05	0.05	0.00	0.05	0.00		3.76				
		2008	0.49	41.30	0.09	0.09	0.00	0.09	0.01		5.07				
		2009	0.27	14.54	0.03	0.03	0.00	0.03	0.00		3.13				
		2010	0.96	43.06	0.08	0.08			0.01	0.00	4.94				
		2011	1.85	42.50	0.28	0.28			0.01	0.00	5.70				
		2012	0.56	23.06	0.14	0.14			0.00	0.00	4.66				
		2013	0.38	16.61	0.09	0.09	0.06		0.00	0.01	6.24				
		2014	28.55	5.61	0.07	0.07	0.08		0.01	0.00	1.71				
WESTERN PENNSYLVANIA HOSPITAL 4800 FRIENDSHIP AVE PITTSBURGH, PA 15224	15224	2009	6.63	8.00	0.16	0.16	0.00	0.16	0.06		1.04	8061	SERVICES - HOSPITALS		
		2010	6.03	7.99	0.25	0.25			0.07	0.04	0.43				
		2011	6.01	7.32	0.23	0.23			0.06	0.04	0.40				
		2012	5.40	6.80	0.21	0.21			0.05	0.03	0.36				
		2013	5.70	7.27	0.17	0.17	0.38		0.08	0.03	0.40				
2014	5.54	6.76	0.03	0.02	0.02		0.06	0.03	0.06	0.372					
WHEMCO-STEEL CASTINGS, INC. (WEST HOMESTEAD) 601 WEST SEVENTH AVE. W. HOMESTEAD, PA 15120 (combined with former Whemco-Steel Castings, Hays)	15120	2000	3.78	4.50	0.09	0.09	0.26	0.09	0.03		1.39	3547	ROLLING MILL MACHINERY		
		2001	2.08	2.48	0.05	0.05	0.14	0.05	0.01		2.39				
		2002	2.09	2.54	0.05	0.05	0.14	0.05	0.02		1.91				
		2003	2.51	3.00	0.06	0.06	0.17	0.06	0.02		1.49				

Attachment B
Individual HAP Emissions from all
Facilities

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT B:

Total Point Source Emissions of Hazardous Air Pollutants & Hydrogen Sulfide

CAS #	Hazardous Air Pollutant	1999	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
71432	BENZENE	55.21	43.59	45.45	43.84	85.73	89.95	95.79	73.85	60.91	50.88	37.57	39.76	37.68	51.82	37.10
CE	COKE OVEN EMISSIONS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.56	118.06	98.20	89.51	103.07	95.58
75014	CHLOROETHENE (VINYL CHLORIDE)	0.69	0.63	0.80	0.49	0.56	0.59	0.64	0.29	0.57	0.48	0.31	0.61	0.61	0.62	0.56
75070	ACETALDEHYDE	0.68	0.71	0.61	0.70	0.58	0.71	0.75	1.40	1.25	1.37	0.54	0.40	1.21	0.86	1.13
75058	ACETONITRILE	0.40	0.00	1.40	0.74	3.01	0.92	0.64	0.99	0.93	0.75	0.64	0.30	1.16	1.50	1.41
98862	ACETOPHENONE	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
107028	ACROLEIN	0.17	0.55	0.51	0.57	0.65	0.50	0.49	1.09	0.94	0.86	0.57	0.43	0.43	0.44	0.44
79061	ACRYLAMIDE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.09
79107	ACRYLIC ACID															
107131	ACRYLONITRILE	0.17	0.15	0.16	0.03	0.02	0.13	0.14	0.15	0.14	0.14	0.16	0.30	0.30	0.30	0.26
92524	BIPHENYL	0.39	0.33	0.30	0.27	0.26	0.26	0.25	0.17	0.22	0.14	0.26	0.26	0.24	0.32	0.21
117817	BIS(2-ETHYLHEXYL)PHTHALATE	0.00	0.41	0.44	0.41	0.42	0.44	0.77	0.15	0.10	0.10	0.01	0.11	0.00	0.00	0.00
75252	BROMOFORM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.02	0.02
75150	CARBON DISULFIDE	0.89	19.11	20.11	19.97	18.91	18.52	18.29	0.87	1.14	0.94	1.14	1.13	14.42	18.54	18.43
56235	CARBON TETRACHLORIDE												0.01	0.31	0.32	0.32
7782505	CHLORINE	1.11	3.07	3.05	3.45	2.62	2.58	2.54	3.02	2.58	1.97	1.72	1.70	1.72	2.04	2.04
108907	CHLOROENZENE	0.93	3.39	3.07	2.98	8.25	0.16	0.05	0.55	0.02	0.13	0.02	0.02	0.02	0.02	0.02
67663	CHLOROFORM	0.94	0.68	0.99	2.36	2.10	0.81	1.60	3.05	2.32	2.57	1.43	1.69	1.66	2.41	2.55
COC	COBALT COMPOUNDS												0.00	0.00	0.00	0.00
1319773	CRESOLS/CRESYLIC ACID	0.18	1.98	2.03	2.07	1.95	1.96	1.91	1.84	1.78	1.09	1.39	1.40	1.58	1.84	1.84
98828	ISOPROPYLBENZENE	4.41	3.87	3.93	4.24	6.01	3.26	2.44	2.64	3.95	3.93	0.79	0.54	0.68	0.77	0.62
CNC	CYANIDE COMPOUNDS	30.25	38.61	39.32	40.65	38.06	37.97	40.06	37.08	36.44	21.12	20.57	20.73	20.92	21.90	20.69
132649	DIBENZOFURAN	0.00	0.36	0.37	0.41	0.41	1.08	1.01	0.55	0.55	0.36	0.00	0.00	0.00	0.01	0.02
84742	DIBUTYLPHTHALATE												0.00	0.00	0.00	0.00
68122	DIMETHYLFORMAMIDE, N,N-	0.10	0.04	0.00	0.00	0.00	0.35	0.00	0.00	0.01	0.01	0.12	0.02	0.01	0.03	0.03
131113	DIMETHYL PHTHALATE	0.15	0.14	0.10	0.17	1.03	1.01	0.34	0.31	0.17	0.08	0.06	0.00	0.00	0.01	0.12
77781	DIMETHYL SULFATE	0.11	0.15	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.03	0.02	0.03	0.03
140885	ETHYL ACRYLATE												0.00	0.00	0.00	0.00
100414	ETHYL BENZENE	25.11	24.74	14.92	13.10	14.30	9.37	8.81	5.48	5.66	7.76	11.73	8.42	7.22	5.96	5.16
75003	ETHYL CHLORIDE (CHLOROETHANE)	0.36	0.37	0.20	0.29	0.25	0.34	0.36	0.17	0.32	0.20	0.03	0.10	0.10	0.09	0.07
106934	1,2-DIBROMOETHANE													0.00	0.01	0.05
107062	ETHYLENE DICHLORIDE	0.04	0.06	0.16	0.06	0.08	0.05	0.04	0.05	0.04	0.04	0.14	0.06	0.13	0.12	0.04
107211	ETHYLENE GLYCOL	3.39	2.31	2.11	5.17	1.66	2.08	1.85	2.97	2.49	0.54	1.19	8.73	1.82	1.66	0.79
75218	ETHYLENE OXIDE	6.00	2.86	3.22	1.22	0.96	0.88	0.74	0.51	0.60	0.52	0.42	0.41	0.30	0.34	0.20
75343	ETHYLIDENE DICHLORIDE													0.10	0.10	0.10
50000	FORMALDEHYDE	4.38	6.05	4.61	4.79	7.25	5.50	8.04	13.46	9.03	8.27	6.48	7.43	7.19	5.84	5.92
GLYET	GLYCOL ETHERS	13.09	2.70	2.14	1.02	5.96	8.56	1.59	0.91	0.24	9.18	17.35	47.30	29.53	21.31	5.72
110543	HEXANE	12.16	16.04	18.46	20.69	22.04	22.46	23.31	24.79	24.56	26.59	24.78	23.68	22.12	23.06	25.34
7647010	HYDROCHLORIC ACID	1253.00	1562.00	1260.00	1531.00	1327.79	1221.41	1205.11	1500.59	958.63	985.26	817.17	359.36	156.84	177.56	163.12
7664393	HYDROGEN FLUORIDE	116.00	138.00	107.00	141.00	117.59	103.29	103.77	100.12	80.98	85.77	64.89	22.59	4.96	7.55	6.21
78591	ISOPHORONE	5.53	4.84	2.84	3.25	3.59	2.17	1.81	1.19	0.95	2.23	1.99	2.41	1.75	1.96	2.36
108394	M-CRESOL	0.06	0.06	0.05	0.06	0.05	0.05	0.04	0.02	0.01	0.01	0.03	0.03	0.02	0.01	0.01
108383	M-XYLENE	0.83	1.44	1.71	1.49	0.84	0.84	0.89	0.71	0.60	1.35	1.73	1.26	0.70	0.32	0.18
108316	MALEIC ANHYDRIDE	2.32	2.00	0.87	0.88	0.79	0.46	0.88	1.26	1.06	0.48	0.44	0.47	0.50	0.49	0.57
67561	METHANOL	97.28	95.39	81.01	85.16	40.09	79.42	33.17	60.22	61.33	68.88	78.59	58.55	27.96	31.42	65.50
74839	METHYL BROMIDE (BROMOMETHANE)	0.10	6.12	0.10	0.12	0.10	0.09	0.09	0.10	0.09	0.09	0.06	0.09	0.08	0.10	0.10
74873	METHYL CHLORIDE (CHLOROMETHANE)	0.34	3.18	2.97	3.09	20.81	21.94	20.62	18.97	13.85	12.65	6.09	6.18	5.18	5.47	6.22
71556	METHYL CHLOROFORM	1.35	0.08	0.07	0.08	0.13	0.09	0.08	0.08	0.13	0.07	0.15	0.30	0.19	0.26	0.15
60344	METHYLHYDRAZINE	0.10	0.13	0.10	0.13	0.11	0.10	0.10	0.10	0.09	0.10	0.06	0.09	0.09	0.56	0.10
108101	METHYL ISOBUTYL KETONE	34.15	25.58	27.13	20.98	18.20	18.19	14.20	8.05	4.97	2.55	2.23	1.66	2.03	1.64	1.25
80626	METHYL METHACRYLATE	2.27	4.09	3.08	2.97	3.46	3.21	2.78	3.69	3.95	3.15	3.42	1.71	1.34	1.80	2.03
1634044	METHYL TERT-BUTYL ETHER	13.14	8.77	11.01	9.90	8.59	8.02	6.51	7.72	8.22	9.32	0.04	0.06	0.08	0.10	0.19
75092	METHYLENE CHLORIDE	3.11	2.61	4.27	3.06	4.05	5.26	3.91	3.18	5.89	2.89	3.49	3.17	12.36	5.56	5.01
PMDI	PMDI													0.00	0.00	0.00
91203	NAPHTHALENE	29.95	26.64	25.89	19.87	14.58	20.77	20.38	13.80	12.71	9.03	11.78	12.95	11.43	14.66	11.53
95487	O-CRESOL	0.03	0.05	0.05	0.07	0.06	0.06	0.05	0.05	0.03	0.01	0.02	0.02	0.01	0.02	0.02
95476	O-XYLENE	0.41	0.92	0.75	0.35	0.06	0.45	0.17	0.09	0.08	0.54	0.56	0.51	0.32	0.09	0.23
106445	P-CRESOL	0.05	0.06	0.04	0.05	0.05	0.05	0.04	0.03	0.02	0.01	0.02	0.03	0.02	0.00	0.01
106423	P-XYLENES	0.63	0.76	0.88	0.92	0.62	0.60	0.38	0.23	0.15	0.41	0.76	0.66	0.41	0.12	0.17
108952	PHENOL	15.90	23.46	23.10	23.61	22.52	23.01	23.67	14.90	14.13	9.96	30.27	19.32	20.26	23.75	22.44
7723140	PHOSPHORUS (YELLOW OR WHITE)	0.50	0.87	0.60	0.61	0.65	0.58	0.48	0.59	0.42	0.32	0.32	0.37	0.43	0.04	0.04
85449	PHTHALIC ANHYDRIDE	2.57	2.05	3.51	2.09	2.11	1.60	5.22	1.83	1.46	0.97	1.00	0.99	1.03	1.03	0.97
POM	POLYCYCLIC ORGANIC MATTER	23.02	14.62	15.95	14.88	15.32	14.62	8.07	0.05	4.10	1.81	0.56	0.29	0.31	0.33	0.35
123386	PROPIONALDEHYDE	0.00	0.29	0.23	0.29	0.24	0.22	0.22	0.23	0.20	0.22	0.14	0.21	0.20	0.23	0.25
75569	PROPYLENE OXIDE	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.00	0.32	0.37	0.41
91225	QUINOLINE	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.14	0.13	0.08	0.11	0.11	0.11	0.13	0.10
106514	1,4-BENZOQUINONE													0.00	0.01	0.00
100425	STYRENE	53.65	53.37	45.06	62.92	56.47	42.14	35.44	41.02	24.19	25.58	21.64	20.96	22.58	25.71	24.58
127184	TETRACHLOROETHYLENE	1.55	1.52	1.31	1.24	2.17	1.43	1.33	1.12	1.20	1.02	0.60	0.62	0.60	3.62	0.85
108883	TOLUENE	157.98	119.57	103.44	95.39	109.22	102.52	109.91	86.71	73.74	62.69	54.40	54.49	52.26	43.46	51.98
79016	TRICHLOROETHYLENE	1.41	0.59	0.70	0.78	1.02	0.63	0.67	0.64	0.78	0.76	5.66	5.10	4.93	4.60	5.16
121448	TRIETHYLAMINE	0.26	0.14	0.11	0.14	0.38	0.17	0.08	0.00	0.00	0.00	0.00	0.03	0.01	0.01	0.14
108054	VINYL ACETATE	0.14	0.56	0.57	0.59	0.55	0.55	0.53	0.51	0.50	0.30	0.43	0.42	0.43	0.41	0.40
75354	VINYLDIENE CHLORIDE															
1330207	XYLENES (MIXED ISOMERS)	149.31	122.52	84.06	69.05	66.00	54.25	61.06	48.76	57.53	39.52	37.05	34.28	27.15	21.74	17.58
79345	1,1,2,2-TETRACHLOROETHANE	0.27	0.52	0.59	0.49	1.53	0.51	0.52	0.37	0.48	0.34	0.28	0.37	0.37	0.29	0.34
79005																

Adjustments to “Attachment B - Total Point Source HAP Emissions”

Previous emission inventory assessments are not normally recalculated when estimation methods are improved or emission factors updated. Therefore, apparent changes in the amounts of emissions reported may not be actual. An exception has been made for the acid gases HCl and HF, and adjustments have been made to previous years' inventories.

Examples are the estimates of emissions of the two acid gasses from the Cheswick Power Station. Changes in the emission factors used for HCl and HF during 2002 produced estimates different enough to significantly affect the reported HAP emissions from this plant, total emissions of these pollutants and the total HAP emission inventory.

During 2000, source testing was performed for HCl emissions from coke oven stacks at the USS Clairton Coke Plant. This testing found HCl emissions not previously detected. These emissions were included in the 2000 and later inventories.

Adjustments were made to previously reported Total Point Source HAP Emissions to account for these changes. Adjusted values are used for this comparison only. Agency emission inventory records have not been adjusted.

Emissions of hydrochloric acid (HCl) are about 24.6% of the total emissions in Attachment B.

Attachment C
Hazardous Air Pollutant Emissions
Individual Facilities

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT C:

Estimated Point Source Emissions of
Hazardous Air Pollutants & Hydrogen Sulfide

COMPANY NAME	ZIP	HAZARDOUS AIR POLLUTANT	CAS#	2002	2005	2008	2009	2010	2011	2012	2013	2014	
911 AIR LIFT WING, PITTSBURGH PIWARS	15108	1,1,2,2-Tetrachloroethane	79345	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		1,3-BUTADIENE	106990						0.00	0.00	0.00		
		ACETALDEHYDE	75070						0.00	0.00	0.00		
		ARSENIC COMPOUNDS	ASC	0.00	0.00	0.03	0.00	0.00				0.00	
		BENZENE	71432						0.00	0.00			
		BERYLLIUM COMPOUNDS	BEC	0.00	0.00	0.20	0.00	0.00				0.00	
		ETHYL BENZENE											0.00
		FORMALDEHYDE	50000	0.00	0.00	0.00	0.20	0.03	0.01	0.00	0.00		
		HEXANE	110543	0.00	0.03	0.00	0.03	0.03	0.03	0.03	0.02	0.02	
		LEAD	PB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		METHANOL	67561	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		METHYL ISOBUTYL KETONE	108101							0.00	0.00	0.00	
		PAH	PAH							0.00	0.00	0.00	
		TOLUENE	108883	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		CHLOROETHENE (VINYL CHLORIDE)	75014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
XYLENES (ISOMERS AND MIXTURE)	1330207	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ACN-PITTSBURGH, LLC	15044	CADMIUM	7440439						0.03	0.02			
		ETHYL BENZENE	100414	0.07	0.30	0.22	0.10	3.65	1.05	0.78			
		FORMALDEHYDE	50000	0.06	0.00	0.07	0.18	0.21	0.17	0.00			
		HEXANE	110543	0.00	0.01	0.03	0.03	0.04	0.04	0.03			
		LEAD	PB	0.00	0.00	0.00	0.00	0.41	0.40	0.31			
		LEAD COMPOUNDS	PBC	0.02	0.00	0.47	0.37	0.00					
		METHYL ISOBUTYL KETONE	108101	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
		PHENOL	108952	0.14	0.28	0.55	1.25	1.67	1.35	0.01			
		TOLUENE	108883	0.31	0.14	0.24	0.34	0.31	0.25	0.00			
		TRIETHYLAMINE	121448	0.11	0.13	0.00	0.00	0.00	0.00	0.00			
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.66	0.93	10.19	11.56	7.38	5.47	3.84			
ALLEGHENY AGGREGATES INC.	15219	ACETALDEHYDE	75070	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00		
		BENZENE	71432	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00		
		ETHYL BENZENE	100414	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00		
		FORMALDEHYDE	50000	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.00		
		HEXANE	110543	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00		
		METHYL CHLOROFORM	71556	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00		
		POLYNUCLEAR AROMATICS	PNA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		TOLUENE	108883	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00		
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00		
ALLEGHENY COUNTY AIRPORT AUTHORITY	15231	ETHYLENE DICHLORIDE	107211						0.00	0.00	0.00	0.00	
		ETHYLENE GLYCOL	107211	0.00	0.00	0.00	0.00	0.47	0.82	0.71	0.02	0.10	
		FORMALDEHYDE	50000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		GLYCOL ETHERS	GLYET	0.00	0.00	0.10	0.28	0.18	0.12	0.07	0.11	0.16	
		HEXANE	110543	0.16	0.19	0.29	0.19	0.11	0.05	0.03	0.03	0.02	
		HYDROCHLORIC ACID	7647010	0.26	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		METHANOL	67561	3.10	3.53	2.33	1.93	2.33	1.11	1.99	1.65	2.00	
		NAPHTHALENE	91203									0.12	
		STYRENE	100425						0.25	0.25	0.38	0.08	
		TOLUENE	108883	0.00	0.00	0.11	0.10	0.09	0.08	0.05	0.05	0.01	
		TRICHLOROETHYLENE	79016	0.00	0.00	0.26	0.16	0.13	0.10	0.00	0.01	0.16	
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.00	0.00	0.00	0.18	0.12	0.29	0.25	0.06	0.21	
ALLEGHENY COUNTY SANITARY AUTHORITY	15233	1,1,2-TRICHLOROETHANE	79005	0.05	0.05	0.06	0.06	0.06	0.06	0.05	0.05	0.05	
		1,4-DICHLOROBENZENE	106467	0.41	0.30	0.32	0.33	0.23	0.33	0.33	0.34	0.35	
		2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	1746016	0.00	0.00	0.00	0.00	0.01			0.00	0.00	
		1,4-DIOXANE	123911						0.01	0.01	0.01	0.01	
		BENZENE	71432	0.05	0.05	0.04	0.03	0.30	0.04	0.03	0.04	0.03	
		BIS(2-ETHYLHEXYL)PHTHALATE	117817	0.05	0.03	0.04	0.04	0.00	0.00	0.00	0.00	0.00	
		CARBON DISULFIDE	75150	0.08	0.08	0.33	0.32	0.30	0.30	0.28	0.27	0.30	
		CARBON TETRACHLORIDE									0.32	0.32	
		CHLOROBENZENE	108907	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
		CHLOROFORM	67663	0.47	0.47	0.52	0.44	0.43	0.48	0.44	0.46	0.44	
		CHROMIUM	7440473						0.00	0.00	0.00	0.00	
		CHROMIUM COMPOUNDS	CRC	0.00	0.00	0.00	0.00	0.00			0.00	0.00	
		ETHYL BENZENE	100414	0.32	0.32	0.24	0.20	0.21	0.22	0.20	0.21	0.21	
		ETHYLENE DICHLORIDE	107062	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
		FORMALDEHYDE	50000						0.01	0.01	0.01	0.01	
		HEXANE	110543	0.02	0.01	0.02	0.01	0.00	0.02	0.01	0.00	0.03	
		HEXAVALENT CHROMIUM	18540299						0.00	0.00	0.00	0.00	
		HYDROCHLORIC ACID	7647010	1.02	0.66	0.80	0.90	0.55	0.13	0.09	0.09	0.09	
		HYDROGEN SULFIDE	7783064	17.47	17.47	13.44	11.44	11.20	11.67	10.58	1.73	0.00	
		MERCURY	7439976	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	
		METHYL CHLORIDE	74873						0.00	0.00	0.00	0.00	
		CHLOROMETHANE	71556	0.05	0.05	0.04	0.03	0.08	0.21	0.14	0.20	0.08	
		METHYL ETHYL KETONE	78933	0.00	0.00	0.00	0.00	0.00			0.00	0.00	
		METHYLENE CHLORIDE	75092	0.14	0.14	0.40	0.35	0.33	0.36	0.33	0.15	0.16	
		NAPHTHALENE	91203	0.46	0.42	0.35	0.32	0.27	0.33	0.21	0.22	0.22	
		NICKEL	7440020						0.00	0.00	0.00	0.00	
		STYRENE	100425	0.04	0.04	0.02	0.01	0.01	0.01	0.01	0.01	0.01	
		TETRACHLOROETHYLENE	127184	0.56	0.56	0.42	0.35	0.33	0.36	0.33	0.34	0.34	
		TOLUENE	108883	1.11	1.11	0.72	0.61	0.59	0.65	0.59	0.62	0.61	
		TRICHLOROETHYLENE	79016	0.04	0.04	0.07	0.06	0.05	0.06	0.05	0.05	0.05	
		VINYLDENE CHLORIDE							0.00	0.00	0.00	0.00	
		XYLENES (ISOMERS AND MIXTURE)	1330207	1.39	1.39	1.05	0.89	0.87	1.08	0.99	1.03	0.89	
ALLEGHENY ENERGY SUPPLY - SPRINGDALE	15144	BENZENE	71432						0.00	0.13	0.15	0.16	
		ACETALDEHYDE	75070	0.00	0.00	0.00	0.10	0.12	0.09	0.44	0.50	0.54	
		ETHYL BENZENE	100414						0.00	0.35	0.40	0.44	
		FORMALDEHYDE	50000	0.30	0.55	0.22	0.11	0.44	0.24	0.18	0.15	0.32	
		PROPYLENE OXIDE	75569						0.00	0.32	0.36	0.39	
		TOLUENE	108883	0.00	0.15	0.00	0.34	0.41	0.28	1.45	1.66	1.81	
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.00	0.07	0.00	0.17	0.20	0.14	0.71	0.82	0.89	

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT C:
Estimated Point Source Emissions of
Hazardous Air Pollutants & Hydrogen Sulfide

COMPANY NAME	ZIP	HAZARDOUS AIR POLLUTANT	CAS#	2002	2005	2008	2009	2010	2011	2012	2013	2014			
ALLEGHENY LUDLUM CORP - BRACKENRIDGE	15014	BENZENE	71432								0.00	0.00			
		CADMIUM	7440439							0.00	0.00	0.00			
		CHROMIUM	7440473	0.00	1.10	1.82	2.97	0.62	0.68	0.70	0.57	0.80			
		CHROMIUM COMPOUNDS	CRC	2.38	0.00	0.00	0.00	0.00			0.00	0.00			
		FORMALDEHYDE	50000							0.03	0.03	0.02	0.03		
		HEXANE	110543	3.07	2.57	2.64	2.18	2.53	2.06	1.92	1.85	2.71			
		HYDROGEN FLUORIDE	7664393	1.81	0.79	0.71	0.46	0.81	0.78	0.76	0.67	0.81			
		LEAD	PB	0.00	1.73	1.94	1.77	0.37	0.11	0.09	0.08	0.09			
		LEAD COMPOUNDS	PBC	1.83	0.00	0.00	0.00	0.00				0.00	0.00		
		MANGANESE	7439965	0.00	1.40	2.31	3.46	0.65	0.65	0.81	0.60	0.84			
		MANGANESE COMPOUNDS	MNC	4.33	0.00	0.00	0.00	0.00				0.00	0.00		
		NICKEL	7440020	0.00	1.08	4.25	7.24	1.23	0.69	0.63	0.58	0.65			
		NICKEL COMPOUNDS	NIC	1.28	0.00	0.00	0.00	0.00				0.00	0.00		
		TOLUENE	108883									0.00	0.00		
ALLE-KISKI MEDICAL CENTER FORMERLY ALLEGHENY VALLEY HOSPITAL	15065	ETHYLENE GLYCOL	107211	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
		ETHYLENE OXIDE	75218	0.15	0.05	0.05	0.02	0.03	0.03	0.01	0.01	0.01			
		FORMALDEHYDE	50000						0.00	0.00	0.00	0.00			
		HEXANE	110543	0.00	0.14	0.17	0.18	0.14	0.04	0.05	0.05	0.00			
		TOLUENE	108883					0.00	0.00	0.00	0.00	0.00			
ALLIED WASTE SERVICES OF PENNSYLVANIA	15126	1,1,2,2-TETRACHLOROETHANE	79345	0.12	0.17	0.00	0.00	0.05	0.14	0.14	0.07	0.14			
		ETHYL CHLORIDE (CHLOROETHANE)	75003	0.15	0.21	0.00	0.00	0.00	0.07	0.07	0.05	0.05			
		HEXANE	110543	0.11	0.15	0.00	0.00	0.44	0.44	0.44	0.44	0.44			
		HYDROCHLORIC ACID	7647010	3.57	5.07	0.00	0.00	5.00	1.48	1.44	1.48	1.49			
		METHYL ETHYL KETONE	78933	0.33	0.46	0.00	0.00	0.00				0.00	0.00		
		METHYL ISOBUTYL KETONE	108101	0.12	0.17	0.00	0.00	0.40	0.40	0.15	0.15	0.21			
		METHYLENE CHLORIDE	75092	0.78	1.10	0.00	0.00	0.93	0.00	0.93	0.92	0.92			
		TETRACHLOROETHYLENE	127184	0.40	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
		TOLUENE	108883	2.32	3.29	0.00	0.00	0.59	2.80	2.80	2.79	2.78			
		TRICHLOROETHYLENE	79016	0.24	0.34	0.00	0.00	0.29	0.29	0.29	0.29	0.26			
		CHLOROETHENE (VINYL CHLORIDE)	75014	0.29	0.42	0.00	0.00	0.05	0.36	0.36	0.35	0.35			
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.82	1.17	0.00	0.00	1.00	0.99	0.99	0.99	0.99			
												0.00	0.00		
		ALMATIS LEETSDALE AMERICAN BRIDGE MANUFACTURING	15056	HEXANE	110543	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.44	
15108	ETHYL BENZENE		100414	0.22	0.72	0.36	0.79	0.56	0.31	0.29	0.11	0.00			
	ETHYLENE GLYCOL		107211	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	HEXANE		110543	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00			
	LEAD		7439921						0.00	0.00	0.00	0.00			
	MANGANESE		7439965	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	MANGANESE COMPOUNDS		MNC	0.00	0.00	0.00	0.00	0.00				0.00	0.00		
	METHANOL		67561	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	METHYL ETHYL KETONE		78933	2.41	0.34	0.00	0.00	0.00				0.00	0.00		
	METHYL ISOBUTYL KETONE		108101	0.12	0.01	0.02	1.00	0.03	0.08	0.12	0.13	0.13			
	M-XYLENE		108383	0.00	0.00	0.00	0.98	1.17	0.61	0.24	0.03	0.00			
	NAPHTHALENE		91203	0.00	0.01	0.01	0.00	0.00	0.00	0.03	0.05	0.00			
	O-XYLENE		95476	0.00	0.00	0.00	0.38	0.31	0.16	0.08	0.01	0.00			
	P-XYLENES		106423	0.00	0.00	0.00	0.33	0.43	0.22	0.10	0.01	0.00			
	TOLUENE		108883	0.84	0.21	0.57	2.86	2.00	2.03	0.76	0.13	0.00			
	XYLENES (ISOMERS AND MIXTURE)		1330207	1.04	2.99	2.10	3.12	0.89	0.75	1.13	0.59	0.00			
												0.00	0.00		
	ASHLAND SPECIALTY CHEMICAL CO - NEVILLE		15225	1,2-PROPANEDIOL	57556	0.00	0.00	0.00	0.02	0.00			0.00	0.00	
				DICYCLOPENTADIENE	77736	0.10	0.06	1.37	0.12	0.20				0.00	0.00
				ETHYLENE GLYCOL	107211	0.08	0.10	0.85	0.18	0.20	0.22	0.23	0.23	0.23	
HEXANE		110543		0.49	0.39	0.09	0.06	0.05	0.06	0.05	0.14	0.16			
HYDROCHLORIC ACID		7647010		0.00	0.09	0.02	0.02	0.02	0.02	0.02	0.02	0.11			
MALEIC ANHYDRIDE		108316		0.59	0.45	1.06	0.48	0.44	0.47	0.50	0.49	0.57			
MERCURY		7439976										0.00	0.00		
METHYL METHACRYLATE		80626		0.11	0.09	0.82	0.74	0.95	0.66	0.78	0.68	0.91			
PHTHALIC ANHYDRIDE		85449		0.90	0.78	1.10	0.81	0.86	0.87	1.03	1.03	0.97			
STYRENE		100425		4.10	4.28	4.27	3.65	4.85	4.12	5.09	4.94	4.89			
XYLENES (ISOMERS AND MIXTURE)		1330207		0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ASHLAND TERMINALS FKA SUNOCO		15225		BIS(2-ETHYLHEXYL)PHTHALATE	117817	0.00	0.00	0.02	0.01	0.01	0.00	0.00		0.00	
	PHTHALIC ANHYDRIDE		85449	0.00	0.00	0.36	0.16	0.14	0.11	0.00		0.00			
BASIC CARBIDE	15018	Co	7440484	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00			
		HEXANE	110543	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00			
BAY VALLEY FOODS, LLC (FORMERLY DLM FOODS & HEINZ)	15212	1,4-DICHLOROBENZENE									0.00	0.00			
		BENZENE										0.00	0.00		
		CADMIUM										0.00	0.00		
		CHROMIUM										0.00	0.00		
		FORMALDEHYDE										0.02	0.04		
		HEXAVALENT CHROMIUM	18540299	0.00	0.00	0.00	16.72	0.00	0.00	0.00	0.00	0.00	0.00		
		HEXANE	110543	0.00	0.21	0.20	0.17	0.07	0.00	0.24	0.31	0.87			
		HYDROCHLORIC ACID	7647010	28.67	24.48	20.69	26.66	22.37	0.63	16.48	14.85	0.89			
		HYDROGEN FLUORIDE	7664393	3.58	3.06	2.59	2.65	2.80	0.12	2.06	1.86	0.11			
		LEAD	PB	0.00	0.01	0.08	0.23	0.24	0.25	0.18	0.18	0.01			
		LEAD COMPOUNDS	PBC	0.01	0.00	0.00	0.00	0.00				0.00	0.00		
		MERCURY	7439976						0.00	0.00		0.00	0.00		
		NICKEL										0.00	0.00		
		TOLUENE										0.00	0.00		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT C:

Estimated Point Source Emissions of
Hazardous Air Pollutants & Hydrogen Sulfide

COMPANY NAME	ZIP	HAZARDOUS AIR POLLUTANT	CAS#	2002	2005	2008	2009	2010	2011	2012	2013	2014		
BELLEFIELD BOILER PLANT	15213	ARSENIC	7440382	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		BENZENE	71432									0.00	0.00	
		BERYLLIUM COMPOUNDS	BEC	0.01	0.00	0.00	0.00	0.00				0.00	0.00	
		CADIUM	7440439									0.00	0.00	
		CHROMIUM	7440473									0.00	0.00	
		FORMALDEHYDE	50000							0.00	0.04	0.05	0.04	
		HEXAVALENT CHROMIUM	18540299	0.10	0.05	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	
		HEXANE	110543	0.52	0.75	0.89	1.21	1.20	1.12	1.02	1.09	1.09	0.91	
		HYDROCHLORIC ACID	7647010	29.44	27.08	31.14	16.09	0.00	0.00	0.00	0.00	0.00	0.00	
		HYDROGEN FLUORIDE	7664393	3.88	3.38	3.89	2.01	0.00	0.00	0.00	0.00	0.00	0.00	
		LEAD	PB	0.00	0.14	0.02	0.17	0.00	0.00	0.00	0.00	0.00	0.00	
		LEAD COMPOUNDS	PBC	0.01	0.00	0.00	0.00	0.00					0.00	0.00
		MANGANESE	7439965										0.00	0.00
		MERCURY	7439976	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	
		NICKEL	7440020	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		NICKEL COMPOUNDS	NIC	0.07	0.00	0.00	0.00	0.00					0.00	0.00
		TOLUENE	108883										0.00	0.00
BETTIS ATOMIC POWER LABORATORY	15122	CHROMIUM	7440473	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00		
		HEXANE	110543	0.00	0.07	0.07	0.06	0.07	0.06	0.05	0.05	0.06		
		METHANOL	67561					0.07				0.00		
		TOLUENE	108883	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00		
BP PRODUCTS NORTH AMERICA INC.	15108	XYLENES (ISOMERS AND MIXTURE)	1330207						0.00	0.00	0.00			
		2,2,4-TRIMETHYLPENTANE	540841	0.15	0.12	0.11	0.13	0.12	0.11	0.00				
		BENZENE	71432	0.08	0.06	0.06	0.07	0.06	0.07	0.00				
		ETHYL BENZENE	100414	0.01	0.00	0.00	0.01	0.01	0.01	0.00				
		HEXANE	110543	0.76	0.61	0.55	0.64	0.55	0.50	0.00				
		ISOPROPYLBENZENE	98828						0.00	0.00				
		METHANOL	67561	0.09	0.00	0.00	0.00	0.00	0.00	0.00				
		TOLUENE	108883	0.17	0.13	0.12	0.15	0.13	0.10	0.00				
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.09	0.06	0.06	0.06	0.07	0.03	0.00				
		BRAD FOOTE GEAR WORKS INC	15225	ETHYL BENZENE	100414						0.00	0.00	0.00	
ETHYLENE GLYCOL	107211								0.00	0.00	0.00			
HEXANE	110543								0.00	0.06	0.05			
TOLUENE	108883								0.00	0.00	0.00			
XYLENES (ISOMERS AND MIXTURE)	1330207								0.00	0.00	0.00			
BROUDY PRINTING INC/PGH	15216	HEXANE	110543					0.00	0.00	0.00	0.00	0.00		
		TRICHLOROETHYLENE	79016					4.76	4.30	4.10	3.97	4.35		
		XYLENES (ISOMERS AND MIXTURE)	1330207					2.56	2.31	2.21	2.14	2.34		
BUCKEYE CORAOPOLIS PIPELINE FACILITY	15108	2,2,4-TRIMETHYLPENTANE	540841	0.29	0.26	0.29	0.12	0.10	0.03	0.21	0.16	0.17		
		BENZENE	71432	0.25	0.21	0.21	0.09	0.07	0.06	0.22	0.14	0.16		
		ISOPROPYLBENZENE	98828	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01		
		ETHYL BENZENE	100414	0.03	0.03	0.02	0.01	0.01	0.02	0.05	0.02	0.03		
		HEXANE	110543	1.72	1.53	1.35	0.52	0.43	0.10	0.92	0.73	0.78		
		METHYL TERT-BUTYL ETHER	1634044	1.09	0.96	0.09	0.04	0.03	0.01	0.06	0.05	0.05		
		NAPHTHALENE	91203	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		PHENOL	108952						0.00	0.00	0.00	0.00		
		STYRENE	100425	0.03	0.02	0.03	0.01	0.01	0.00	0.02	0.01	0.02		
		TOLUENE	108883	0.36	0.32	0.26	0.10	0.09	0.15	0.43	0.23	0.29		
XYLENES (ISOMERS AND MIXTURE)	1330207	0.12	0.11	0.08	0.04	0.03	0.07	0.17	0.08	0.11				
CALGON CARBON CORPORATION	15225	CHLORINE	7782505	0.00	0.03	0.06	0.04	0.03	0.00	0.00	0.00	0.00		
		CHROMIUM	7440473	0.00	0.08	0.04	0.04	0.00	0.10	0.09	0.08	0.10		
		CHROMIUM COMPOUNDS	CRC	0.12	0.00	0.00	0.00	0.00				0.00	0.00	
		HEXANE	110543	0.00	0.04	0.03	0.03	0.02	0.02	0.02	0.03	0.02		
		HYDROCHLORIC ACID	7647010	0.19	0.16	1.37	1.08	0.63	0.02	0.12	0.11	0.13		
		HYDROGEN FLUORIDE	7664393	0.01	0.01	0.00	0.00	0.00	0.00	0.54	0.04	0.05		
		LEAD	7439921						0.00	0.00	0.00	0.00		
		MERCURY	7439976						0.00	0.00	0.00	0.00		
		1,1,2,2-TETRACHLOROETHANE	79345	0.11	0.06	0.05	0.08	0.00	0.00	0.00	0.00	0.00		
		1,1-DICHLOROETHANE						0.10				0.00	0.00	
ACRYLONITRILE						0.14	0.14	0.15	0.14	0.15				
ETHYL BENZENE	100414					0.21	0.21	0.22	0.22	0.22				
ETHYL CHLORIDE	75003	0.00	0.07	0.06	0.03	0.00				0.00	0.00			
ETHYLIDENE DICHLORIDE							0.10	0.10	0.10	0.10				
HEXANE	110543	0.10	0.05	0.05	0.23	0.24	0.24	0.25	0.25	0.25				
HYDROCHLORIC ACID	7647010	1.61	1.91	1.50	2.14	1.09	1.74	1.45	1.09	0.98				
METHYL ETHYL KETONE	78933	0.31	0.15	0.00	0.00	0.00				0.00	0.00			
METHYL ISOBUTYL KETONE	108101	0.11	0.06	0.05	0.08	0.00	0.00	0.00	0.00	0.00				
METHYLENE CHLORIDE	75092	0.74	0.36	0.34	0.49	0.52	0.51	0.54	0.54	0.54				
TETRACHLOROETHYLENE	127184	0.11	0.19	0.17	0.25	0.27	0.26	0.27	0.27	0.27				
TOLUENE	108883	2.20	1.09	1.00	1.48	0.00	0.00	1.61	1.60	1.61				
TRICHLOROETHYLENE	79016	0.23	0.11	0.10	0.15	0.16	0.16	0.17	0.17	0.16				
CHLOROETHENE (VINYL CHLORIDE)	75014	0.28	0.14	0.13	0.19	0.20	0.19	0.20	0.21	0.20				
XYLENES (ISOMERS AND MIXTURE)	1330207	0.78	0.39	0.36	0.52	0.55	0.54	0.54	0.55	0.55				
CHASE SPECIALTY COATINGS - ROYSTON LABORATORIES DIVISION	15238	METHYL ETHYL KETONE	78933	2.10	0.59	0.00	3.27	0.00			0.00			
		TOLUENE	108883	2.34	5.41	7.52	5.79	4.52	3.75	4.88	4.22			
		XYLENES (ISOMERS AND MIXTURE)	1330207	1.85	2.58	3.10	0.44	0.10	0.03	0.04	0.07			
CHILDRENS HOSPITAL OF PITTSBURGH - LAWRENCEVILLE	15201	ETHYLENE OXIDE	75218	1.55	0.00	0.00	0.01	0.02	0.00	0.00		0.00		
		FORMALDEHYDE	50000						0.01	0.00		0.01		
		HEXANE	110543	0.00	0.00	0.32	0.23	0.28	0.26	0.00		0.26		
CLAIRTON SLAG, INC.	15088	2-METHYLNAPHTHALENE	91576	0.00	0.00	0.00	0.00	0.00				0.00		
		BENZENE	71432	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00			
		ETHYL BENZENE	100414	0.01	0.04	0.03	0.04	0.03	0.00	0.00	0.00			
		FORMALDEHYDE	50000	0.08	0.01	0.01	0.01	0.01	0.00	0.00	0.00			

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT C:

Estimated Point Source Emissions of
Hazardous Air Pollutants & Hydrogen Sulfide

Pollutant		1	2	3	4	5	6	7	8	9	10
9309207210	MANGANESE COMPOUNDS	MNC	0.02	0.00	0.00	0.00	0.00				0.00
	TOLUENE	108883	0.00	0.02	0.01	0.02	0.01	0.00	0.00	0.00	
	XYLENES (ISOMERS AND MIXTURE)	1330207	0.01	0.05	0.03	0.04	0.03	0.00	0.00	0.00	

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT C:

Estimated Point Source Emissions of
Hazardous Air Pollutants & Hydrogen Sulfide

COMPANY NAME	ZIP	HAZARDOUS AIR POLLUTANT	CAS#	2002	2005	2008	2009	2010	2011	2012	2013	2014		
CP INDUSTRIES	15132	1-METHOXY-2-PROPANOL	107982	0.01	0.00	0.00	0.00	0.00			0.00	0.00		
		2-BUTOXY ETHANOL	111762	0.07	0.00	0.00	0.00	0.00			0.00	0.00		
		2-PROPOXYETHANOL	2807309	0.01	0.00	0.00	0.00	0.00			0.00	0.00		
		BENZENE	71432					0.34	0.00	0.00	0.00	0.00	0.00	
		ETHYL BENZENE	100414	0.07	0.03	0.19	0.06	0.40	0.10	0.09	0.07	0.07	0.07	
		HEXANE	110543	0.03	0.02	0.02	0.03	0.00	0.02	0.16	0.08	0.11	0.11	
		METHANOL	67561	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		METHYL ETHYL KETONE	78933	0.10	0.15	0.00	0.00	0.00				0.00	0.00	
		METHYL ISOBUTYL KETONE	108101	0.01	0.01	0.09	0.05	0.14	0.00	0.00	0.16	0.16	0.16	
		TOLUENE	108883	0.02	0.03	0.06	0.02	0.50	0.06	0.04	0.03	0.03	0.03	
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.17	0.09	0.68	0.22	0.19	0.38	0.35	0.18	0.18	0.18	
		EQUITABLE GAS/CREIGHTON STATION	15030	ACETALDEHYDE	75070	0.00	0.00	0.48	0.50	0.19	0.00	0.00	0.00	0.00
				ACROLEIN	107028	0.00	0.00	0.48	0.50	0.19	0.00	0.00	0.00	0.00
BENZENE	71432			0.00	0.00	0.12	0.12	0.05	0.04	0.05	0.00	0.00		
FORMALDEHYDE	50000			0.00	0.00	3.51	3.47	1.33	3.43	3.83	3.49	1.79		
DICE COMPRESSOR STATION	15239	BENZENE	71432	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		FORMALDEHYDE	50000	0.63	0.08	0.58	0.27	0.05	0.13	0.15	0.28	0.07		
		HEXANE	110543	0.00	0.96	1.50	1.53	1.56	1.50	0.39	2.04	1.79		
DUQUESNE UNIVERSITY	15282	1,3-BUTADIENE	106990	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		1,4-DIOXANE										0.00	0.00	
		ACETALDEHYDE	75070					0.01	0.00	0.01	0.01	0.01	0.01	
		ACETONE	67641	0.00	0.00	5.24	3.52	0.00			0.00	0.00	0.00	
		ACETONITRILE	75058	0.00	0.00	0.05	0.05	0.06	0.05	0.02	0.05	0.71	0.71	
		ACROLEIN	107028								0.00	0.00	0.00	
		ACRYLAMIDE	79061	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.09	
		BENZENE	71432								0.00	0.00	0.00	
		CHLOROFORM	67863	0.10	0.08	1.65	2.10	0.70	1.01	1.00	1.92	2.07	2.07	
		N,N-DIMETHYLFORMAMIDE	68122	0.00	0.00	0.01	0.01	0.12	0.02	0.01	0.01	0.01	0.01	
		ETHYL BENZENE	100414	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	
		ETHYLENE GLYCOL	107211						0.00	0.10	0.00	0.00	0.00	
		FORMALDEHYDE	50000	0.00	0.14	0.18	0.17	0.17	0.17	0.04	0.04	0.04	0.16	
		HEXANE	110543	0.06	0.10	1.16	1.30	0.72	1.38	0.96	0.90	1.14	1.14	
		HYDROCHLORIC ACID	7647010	0.00	0.00	0.04	0.05	0.03	0.02	0.02	0.00	0.00	0.72	
		METHANOL	67561	0.00	0.02	0.34	0.24	0.16	0.22	0.09	0.17	0.24	0.24	
		METHYLENE CHLORIDE	75092	0.00	0.02	0.67	0.04	0.00	0.93	1.26	0.34	0.72	0.72	
		METHYLENE CHLORIDE-D2	1665005	0.00	0.00	0.00	0.01	0.00				0.00	0.00	
		NAPHTHALENE	91203									0.00	0.00	
		PAH										0.00	0.00	
		PHENOL	108952	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	
		PROPYLENE	115071	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		PROPYLENE OXIDE	75569	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.01	
		TOLUENE	108883	0.00	0.03	0.10	0.03	0.05	0.02	0.03	0.03	0.03	0.02	
		TRIETHYLAMINE	121448									0.00	0.00	
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.00	0.02	0.05	0.04	0.02	0.02	0.02	0.04	0.01	0.01	
		EASTMAN CHEMICAL RESINS, INC.	15088	1,2,4-TRIMETHYLBENZENE	95636	0.00	0.22	0.00	0.00	0.00				0.00
				1,3-CYCLOPENTADIENE	542927	0.00	0.00	0.00	0.00	0.00				0.00
				ARSENIC	7440382	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
BENZENE	71432			1.96	0.24	1.11	1.11	0.01	0.01	0.01	0.02	0.01	0.01	
CHLORINE	7782505			0.17	0.30	0.43	0.43	0.00	0.00	0.01	0.00	0.00	0.00	
ISOPROPYLBENZENE	98828			3.59	2.14	3.65	3.65	0.48	0.51	0.49	0.61	0.49	0.49	
CYCLOHEXANE	110827			0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	
CYCLOPENTENE	142290			0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	
ETHYL BENZENE	100414			5.20	1.14	1.29	1.29	0.50	0.39	0.83	0.64	0.29	0.29	
FORMALDEHYDE	50000										0.02	0.02	0.02	
HEXANE	110543			0.02	0.33	0.76	0.76	0.39	0.44	0.00	0.45	0.48	0.48	
HYDROCHLORIC ACID	7647010			1.69	1.79	2.26	2.26	1.88	0.07	0.00	0.00	0.00	0.00	
HYDROGEN FLUORIDE	7664393			0.27	0.10	0.55	0.55	0.00	0.00	0.00	0.00	0.00	0.00	
LEAD	PB			0.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
METHYLSTYRENE	25013154			0.00	0.11	0.48	0.48	0.00			0.00	0.00	0.00	
NAPHTHALENE	91203			1.11	0.87	0.84	0.84	0.33	0.10	0.00	0.00	0.00	0.00	
PROPYL BENZENE	103651			0.01	0.27	1.53	1.53	0.00			0.00	0.00	0.00	
STYRENE	100425			19.72	11.11	7.84	7.84	2.46	1.77	2.92	3.95	2.40	2.40	
TOLUENE	108883			36.88	34.07	21.38	21.38	14.72	14.85	10.75	11.94	15.14	15.14	
TRIMETHYL BENZENE	2551137			0.01	0.00	1.45	1.45	0.00			0.00	0.00	0.00	
TRIMETHYLBENZENE	25551137			0.00	0.07	0.00	0.00	0.00			0.00	0.00	0.00	
XYLENES (ISOMERS AND MIXTURE)	1330207			10.82	4.22	3.67	3.67	2.00	2.77	3.92	2.75	2.10	2.10	
GALVTECH	15207			1,4-DICHLOROBENZENE	106467								0.00	0.00
		ANTIMONY	7440360	0.00	0.00	0.00	0.00	0.00			0.00	0.00		
		BENZENE	71432								0.00	0.00		
		CADMIUM	7440439								0.00	0.00		
		CHROMIUM	7440473								0.00	0.00		
		FORMALDEHYDE	50000	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01		
		HEXANE	110543	0.62	0.34	0.34	0.28	0.03	0.03	0.26	0.30	0.29		
		LEAD	PB								0.00	0.00		
		NICKEL	7440020							0.00	0.00	0.00		
		TOLUENE	108883							0.00	0.00	0.00		
		GE CONSUMER PRODUCTS, LIGHTING	15017	CADMIUM	7440439	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CADMIUM COMPOUNDS	CDC			0.29	0.01	0.00	0.00	0.00			0.00	0.00		
Co	7440484									0.00	0.00	0.00		
COBALT COMPOUNDS	COC			0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
HEXANE	110543			0.00	0.32	0.08	0.10	0.09	0.09	0.07	0.07	0.13		
LEAD	PB			0.00	0.00	0.49	1.12	0.85	1.06	0.29	0.53	0.60		
LEAD COMPOUNDS	PBC			3.90	2.13	0.00	0.00	0.00			0.00	0.00		
NICKEL	7440020			0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00		
NICKEL COMPOUNDS	NIC			0.05	0.02	0.00	0.00	0.00			0.00	0.00		
SELENIUM	7782492			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
SELENIUM COMPOUNDS	SEC			0.05	0.00	0.00	0.00	0.00			0.00	0.00		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT C:

Estimated Point Source Emissions of
Hazardous Air Pollutants & Hydrogen Sulfide

COMPANY NAME	ZIP	HAZARDOUS AIR POLLUTANT	CAS#	2002	2005	2008	2009	2010	2011	2012	2013	2014			
NRG ENERGY - BRUNOT ISLAND	15024	ACETALDEHYDE	75070	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01			
		ACROLEIN	107028							0.00	0.00	0.00	0.00		
		BENZENE	71432							0.00	0.00	0.00	0.00		
		ETHYL BENZENE	100414							0.00	0.01	0.00	0.01		
		FORMALDEHYDE	50000	0.13	0.07	0.02	0.02	0.03	0.03	0.14	0.11	0.13			
		MANGANESE	7439965	0.03	0.00	0.01	0.01	0.03	0.00	0.00	0.00	0.00			
		POLYCYCLIC ORGANIC MATTER	POM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		PROPYLENE OXIDE	75569							0.00	0.00	0.00	0.01		
		TOLUENE	108883	0.02	0.01	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.03		
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02		
		NRG ENERGY INC. - CHESWICK STATION	15144	2-CHLOROACETOPHENONE	532274	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
				2,4-DINITROTOLUENE								0.00	0.00	0.00	0.00
				ACETALDEHYDE	75070	0.34	0.33	0.30	0.33	0.22	0.31	0.29	0.35	0.35	
ACETOPHENONE	98862			0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		
ACROLEIN	107028			0.17	0.17	0.16	0.17	0.11	0.16	0.15	0.18	0.18			
ANTHRACENE	120127			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ANTIMONY	7440360			0.01	0.01	0.01	0.01	0.00				0.00	0.00		
ARSENIC	7440382			0.41	0.24	0.22	0.24	0.16	0.22	0.21	0.25	0.25			
BENZENE	71432			0.06	0.76	0.70	0.76	0.49	0.71	0.67	0.79	0.80			
BENZO(G,H,I)PERYLENE	191242			0.00	0.00	0.00	0.00	0.09	0.18	0.05	0.03	0.06			
BENZYL CHLORIDE	100447			0.42	0.41	0.37	0.41	0.00				0.00	0.00		
BERYLLIUM	7440417			0.05	0.01	0.01	0.01	0.00				0.00	0.00		
BIPHENYL	92524									0.00	0.00	0.00	0.00		
BIS(2-ETHYLHEXYL)PHTHALATE	117817			0.04	0.04	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00		
BROMOFORM	75252			0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02		
CADMIUM	7440439			0.01	0.03	0.03	0.03	0.02	0.03	0.03	0.03	0.03			
CARBON DISULFIDE	75150			0.08	0.08	0.07	0.08	0.05	0.07	0.07	0.07	0.08	0.08		
CHLOROETHANE	108907			0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		
CHLOROFORM	67663			0.04	0.03	0.03	0.03	0.02	0.03	0.03	0.04	0.04			
CHROMIUM	7440473			0.25	0.15	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.00		
Cr+++	16065831			0.00	0.00	0.10	0.10	0.10	0.14	0.09	0.11	0.11			
HEXAVALENT CHROMIUM	18540299			0.00	0.00	0.04	0.05	0.03	0.04	0.04	0.05	0.05			
Co	7440484			0.05	0.06	0.05	0.06	0.04	0.05	0.05	0.06	0.06			
C=N	57125			0.00	0.00	0.00	1.45	0.00	1.36	1.28	1.52	1.54			
CYANIDE COMPOUNDS	CNC			1.49	1.46	1.34	0.00	0.95	0.00	0.00	0.00	0.00			
DIMETHYL SULFATE	77781			0.03	0.03	0.03	0.03	0.02	0.03	0.02	0.03	0.03			
ETHYL BENZENE	100414			0.06	0.05	0.05	0.05	0.04	0.05	0.05	0.06	0.06			
ETHYL CHLORIDE (CHLOROETHANE)	75003			0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03		
ETHYLENE DICHLORIDE	107062			0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02		
FORMALDEHYDE	50000			0.05	0.15	0.13	0.14	0.10	0.14	0.13	0.15	0.15			
HEXANE	110543			0.17	0.23	0.11	0.10	0.10	0.19	0.13	0.11	0.16			
HYDROCHLORIC ACID	7647010			1021.93	1006.97	757.89	839.44	656.34	220.07	2.39	4.49	4.59			
HYDROGEN FLUORIDE	7664393			96.85	95.08	72.26	79.59	59.07	19.68	0.07	2.99	3.06			
ISOPHORONE	78591			0.34	0.34	0.31	0.34	0.22	0.32	0.30	0.35	0.36			
LEAD	PB			0.23	0.25	0.22	0.24	0.16	0.06	0.01	0.02	0.02			
MANGANESE	7439965			0.34	0.29	0.26	0.29	0.19	0.27	0.25	0.30	0.30			
MERCURY	7439976			0.10	0.17	0.09	0.07	0.04	0.03	0.01	0.04	0.04			
METHYL BROMIDE (BROMOMETHANE)	74839			0.10	0.09	0.09	0.09	0.06	0.09	0.08	0.10	0.10			
METHYL CHLORIDE															
CHLOROMETHANE	74873			0.31	0.31	0.28	0.31	0.20	0.29	0.27	0.32	0.33			
METHYL CHLOROFORM	71556			0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01			
METHYL METHACRYLATE	80626			0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01			
METHYL TERT-BUTYL ETHER	1634044			0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.02	0.02			
METHYLENE CHLORIDE	75092			0.17	0.17	0.16	0.17	0.11	0.16	0.15	0.18	0.18			
METHYL HYDRAZINE	60344			0.10	0.10	0.09	0.10	0.06	0.09	0.09	0.10	0.10			
M-XYLENE	108383			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
NAPHTHALENE	91203			0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01			
NICKEL	7440020			0.21	0.16	0.15	0.16	0.11	0.15	0.14	0.17	0.17			
OCTACHLORODIBENZOFURANS, TOTAL	39001020			0.00	0.00	0.00	0.00	0				0.00	0.00		
PHENOL	108952			0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01			
POLYCYCLIC ORGANIC MATTER										0.00	0.00	0.00	0.00		
PROPIONALDEHYDE	123386			0.23	0.22	0.20	0.22	0.1442	0.21	0.19	0.23	0.23			
SELENIUM	7782492			2.60	0.76	0.70	0.76	0.4933	0.71	0.67	0.79	0.80			
STYRENE	100425			0.01	0.01	0.01	0.01	0.0095	0.01	0.01	0.02	0.02			
TETRACHLOROETHYLENE	127184			0.03	0.03	0.02	0.03	0.00	0.00	0.00	0.00	0.00			
TOLUENE	108883			0.02	0.14	0.13	0.14	0.0917	0.13	0.12	0.15	0.15			
VINYL ACETATE	108054			0.00	0.00	0.00	0.00	0.0029	0.00	0.00	0.00	0.00			
XYLENES (ISOMERS AND MIXTURE)	1330207			0.02	0.02	0.02	0.02	0.014	0.02	0.02	0.02	0.02			
GLENSHAW GLASS COMPANY, INC.	15116			CHROMIUM (III)	16065831	0.01	0.00	0.00	0.00	0.00				0.00	
				HYDROCHLORIC ACID	7647010	3.95	0.00	1.02	0.00	0.00	0.00	0.00		0.00	
				SELENIUM COMPOUNDS	SEC	1.96	0.00	0.41	0.00	0.00				0.00	
GOTTLIEB, INC.	15225			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	1746016	0.00	0.00	0.00	0.00	0.00			0.00	0.00	
				FORMALDEHYDE	50000						0.00	0.00	0.00	0.00	
				HEXANE	110543	0.00	0.03	0.03	0.02	0.03	0.03	0.05	0.05	0.05	
				HYDROCHLORIC ACID	7647010	0.00	0.87	1.09	0.80	1.15	1.39	1.50	1.46	1.43	
				HYDROGEN FLUORIDE	7664393	0.00	0.00	0.00	0.00	1.41	1.70	1.83	1.78	1.75	
GUARDIAN INDUSTRIES CORP.	15025			CADMIUM	7440439								0.00	0.00	
				CADMIUM COMPOUNDS	CDC	0.00	0.00	0.00	0.00	0.00				0.00	0.00
				CHROMIUM	7440473						0.03	0.02	0.01	0.02	
				CHROMIUM COMPOUNDS	CRC	0.01	0.06	0.08	0.01	0.01				0.00	0.00
				COBALT COMPOUNDS	COC									0.00	0.00
				HEXANE	110543	0.00	0.04	0.08	0.08	0.07	0.07	0.07	0.07	0.08	
				SELENIUM	7782492						6.27	2.73	1.82	2.01	
				SELENIUM COMPOUNDS	SEC	1.48	1.74	0.39	0.30	2.87			0.00	0.00	

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT C:

Estimated Point Source Emissions of
Hazardous Air Pollutants & Hydrogen Sulfide

COMPANY NAME	ZIP	HAZARDOUS AIR POLLUTANT	CAS#	2002	2005	2008	2009	2010	2011	2012	2013	2014		
GULF OIL L.P.	15225	1,2-DIBROMOETHANE	108934						0.00	0.01	0.01	0.00		
		2,2,4-TRIMETHYLPENTANE	540841	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		BENZENE	71432	4.76	0.77	0.59	0.00	1.59	1.28	0.35	0.33	0.36		
		ISOPROPYLBENZENE	98828	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		ETHYL BENZENE	100414	1.01	0.32	0.88	1.01	1.62	1.31	0.06	0.05	0.06		
		1,2-DIBROMOETHANE	108934					0.01				0.01	0.00	
		ETHYLENE DICHLORIDE	1070602					0.11	0.00	0.10	0.08	0.00		
		HEXANE	110543	0.23	0.69	0.88	1.01	1.28	1.03	0.55	0.51	0.58		
		METHYL TERT-BUTYL ETHER	1634044	6.74	3.18	4.72	5.39	0.00	0.00	0.00	0.00	0.00		
		NAPHTHALENE	91203	9.70	0.91	0.29	0.34	0.03	0.03	0.00	0.00	0.00		
		TOLUENE	108883	2.06	1.75	1.77	0.00	2.93	2.37	0.40	0.36	0.42		
		XYLENES (ISOMERS AND MIXTURE)	1330207	1.09	0.58	2.95	3.37	4.48	3.61	0.18	0.17	0.20		
		2-BUTOXY ETHANOL	111762	8.05	0.00	0.00	0.00	0.00				0.00	0.00	
		ETHYLENE GLYCOL	107211	0.48	0.72	0.62	0.12	0.10	0.10	0.10	0.10	0.11	0.11	
		GLYCOL ETHERS	GLYET	0.00	0.59	0.12	0.12	0.10	0.10	0.10	0.10	0.11	0.11	
HEXANE	110543	0.23	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01			
HYDROQUINONE	123319	0.00	0.00	0.00	0.00	0.00				0.00	0.00			
NAPHTHALENE	91203	0.00	0.36	0.14	0.18	0.18	0.18	0.18	0.22	0.18	0.18			
XYLENES (ISOMERS AND MIXTURE)	1330207	1.30	0.14	0.28	0.45	0.85	0.97	0.64	0.61	0.63				
LIBERTAS COPPER LLC (formerly Hussey Copper)	15056	ARSENIC	7440382						0.00	0.00	0.00	0.00		
		BENZENE	71432						0.00	0.00	0.00	0.00		
		CADMIUM	7440439						0.00	0.00	0.00	0.00		
		CHROMIUM	7440473						0.01	0.01	0.01	0.01		
		CHROMIUM COMPOUNDS	CRC	0.01	0.09	0.00	0.01	0.00				0.00	0.00	
		FORMALDEHYDE	50000						0.01	0.00	0.01	0.01		
		HEXANE	110543	0.00	0.38	0.39	0.31	0.10	0.24	0.38	0.44	0.37		
		LEAD	PB	0.00	0.14	0.01	0.01	0.14	0.13	0.11	0.15	0.08		
		LEAD COMPOUNDS	PBC	0.28	0.69	0.07	0.09	0.00				0.00	0.00	
		MANGANESE	7439965						0.00	0.00	0.00	0.00		
		NAPHTHALENE	91203						0.00	0.00	0.00	0.00		
		NICKEL	7440020						0.00	0.00	0.00	0.00		
		TOLUENE	108883						0.00	0.00	0.00	0.00		
		SOUTH HILLS HEALTH SYSTEM - JEFFERSON CENTER	15236	BENZENE	71432								0.00	0.00
				ETHYLENE OXIDE	75218	0.04	0.04	0.03	0.04	0.03	0.04	0.03	0.03	0.02
FORMALDEHYDE	50000								0.00	0.00	0.01	0.01		
HEXANE	110543			0.00	0.07	0.08	0.09	0.09	0.10	0.10	0.12	0.13		
METHANOL	67561											0.00	0.00	
NICKEL	7440020											0.00	0.00	
TOLUENE	108883								0.00	0.00	0.00	0.00		
1,1,2,2-TETRACHLOROETHANE	79345			0.08	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.00	
KELLY RUN SANITATION	15037	ACRYLONITRILE	107131	0.16	0.02	0.02	0.04	0.04	0.04	0.04	0.04	0.00		
		BENZENE	71432	0.08	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.00		
		ETHYL BENZENE	100414	0.23	0.03	0.03	0.06	0.06	0.06	0.06	0.06	0.00		
		ETHYL CHLORIDE (CHLOROETHANE)	75003	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00		
		ETHYLIDENE DICHLORIDE	75343	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		HEXANE	110543	0.08	0.04	0.04	0.07	0.07	0.07	0.07	0.07	0.08		
		HYDROCHLORIC ACID	7647010	0.02	0.10	0.16	0.09	0.10	0.21	0.22	0.22	0.16		
		METHYL ETHYL KETONE	78933	0.23	0.03	0.00	0.00	0.00				0.00	0.00	
		METHYL ISOBUTYL KETONE	108101	0.08	0.03	0.01	0.02	0.02	0.02	0.02	0.02	0.02		
		METHYLENE CHLORIDE	75092	0.59	0.08	0.08	0.15	0.16	0.15	0.15	0.15	0.16		
		TETRACHLOROETHYLENE	127184	0.18	0.01	0.04	0.07		0.00	0.00	0.00	0.00		
		TOLUENE	108883	1.76	0.24	0.24	0.43	0.47	0.45	0.45	0.45	0.48		
		TRICHLOROETHYLENE	79016	0.20	0.02	0.02	0.04	0.05	0.05	0.05	0.05	0.00		
		CHLOROETHENE (VINYL CHLORIDE)	75014	0.23	0.03	0.03	0.05	0.06	0.06	0.06	0.06	0.00		
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.63	0.09	0.09	0.15	0.17	0.16	0.16	0.16	0.17		
KELMAN BOTTLES, LLC (formerly Glenshaw Glass)	15116	CHROMIUM	7440473						0.00	0.00				
		FORMALDEHYDE	50000						0.00	0.00				
		HEXANE	110543					0.25	0.02	0.00				
		HYDROCHLORIC ACID	7647010				0.81	0.94	0.13	0.00				
		NAPHTHALENE	91203						0.00	0.00				
		SELENIUM COMPOUNDS	SEC				0.52	0.60						
		2,2,4-TRIMETHYLPENTANE	540841						0.00	0.16	0.19	0.15		
KINDER MORGAN TRANSMIX	15051	BENZENE	71432	0.19	0.21	0.21	0.24	0.21	0.26	0.15	0.17	0.12		
		CADMIUM	7440439						0.00	0.00	0.00	0.00		
		CHROMIUM	7440473						0.00	0.00	0.00	0.00		
		ETHYL BENZENE	100414	0.02	0.02	0.02	0.02	0.00	0.02	0.02	0.02	0.02		
		FORMALDEHYDE	50000						0.01	0.00	0.00	0.00		
		HEXANE	110543	0.24	0.31	0.29	0.34	0.28	0.38	0.23	0.24	0.23		
		ISOPROPYLBENZENE	98828						0.00	0.01	0.01	0.01		
		LEAD	7439921						0.00	0.00	0.00	0.00		
		METHYL TERT-BUTYL ETHER	1634044	3.11	3.34	3.34	3.87	0.00	0.00	0.00	0.00	0.10		
		NAPHTHALENE	91203						0.00	0.00	0.00	0.00		
		NICKEL	7440020						0.00	0.00	0.00	0.00		
		TETRACHLOROETHYLENE	127184	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		TOLUENE	108883	0.24	0.24	0.24	0.28	0.24	0.29	0.21	0.24	0.29		
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.13	0.10	0.10	0.12	0.11	0.12	0.12	0.12	0.18		
		KINDER-MORGAN LIQUIDS TERMINAL LLC	15034	BENZENE	71432								0.00	0.00
CARBON DISULFIDE	75150											0.00	0.00	
ETHYL BENZENE	100414											0.00	0.00	
ETHYLENE OXIDE	75218											0.00	0.00	
FORMALDEHYDE	50000								0.00	0.01	0.01	0.00		
HEXANE	110543			0.02	0.02	0.05	0.04	0.04	0.04	0.04	0.05	0.00		
M-XYLENE	106383							0.01	0.00	0.02	0.01	0.00		
O-XYLENE	95476										0.00	0.00		
TOLUENE	108883								0.00	0.01	0.00	0.00		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT C:

Estimated Point Source Emissions of
Hazardous Air Pollutants & Hydrogen Sulfide

COMPANY NAME	ZIP	HAZARDOUS AIR POLLUTANT	CAS#	2002	2005	2008	2009	2010	2011	2012	2013	2014		
KOPP GLASS, INCORPORATED	15218	FORMALDEHYDE	50000						0.00	0.00	0.00	0.00		
		GLYCOL ETHERS	GLYET	0.00	0.02	0.00	0.04	0.02	0.03	0.02	0.00	0.00		
		HEXANE	110543	0.10	0.13	0.11	0.08	0.06	0.05	0.05	0.00	0.00		
		HYDROCHLORIC ACID	7647010	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		METHANOL	67561	0.19	0.25	0.25	0.03	0.01	0.02	0.32	0.00	0.00		
KOPPERS INDUSTRIES INC. CLAIRTON PLANT	15025	TOLUENE	108883						0.00	0.00	0.00	0.00		
		ACENAPHTHENE	83329	1.08	1.72	0.70	0.39	0.64				0.00		
		ACENAPHTHYLENE	208968	1.10	0.22	0.04	0.02	0.06				0.00		
		ANTHRACENE	120127	0.78	0.66	0.12	0.06	0.33	0.39	0.27	0.19	0.24		
		BENZ(A)ANTHRACENE	56553	1.39	1.31	0.39	0.14	0.04	0.04	0.03	0.02	0.03		
		BENZO(B)FLUORANTHENE	205992	0.00	0.00	0.09	0.00	0.00	0.04	0.03	0.02	0.03		
		BENZENE	71432	2.82	3.11	0.41	0.52	0.66	0.77	1.26	1.04	0.67		
		BENZO(A)FLUORENE	3077185	0.00	0.00	0.00	0.00	0.00				0.00		
		BENZO(A)PYRENE	50328	0.58	0.54	0.12	0.02	0.02	0.01	0.00	0.00	0.01		
		BENZO(E)PYRENE	192972	0.00	0.00	0.00	0.00	0.00				0.00		
		BENZO(G,H,I)PERYLENE	191242	0.28	0.26	0.07	0.01	0.02	0.01	0.00	0.00	0.01		
		BENZO(B)FLUORANTHENE	205992					0.05	0.04	0.03	0.02	0.03		
		BENZO(K)FLUORANTHENE	207089	0.27	0.21	0.04	0.00	0.01	0.01	0.00	0.00	0.00		
		BENZOFURAN	271896	0.00	0.00	0.00	0.00	0.00				0.00		
		BENZONITRILE	100470	0.00	0.01	0.00	0.00	0.00				0.00		
		BIPHENYL	92524	0.26	0.21	0.03	0.02	0.07	0.07	0.07	0.05	0.03		
		CARBAZOLE	86748	0.38	0.33	0.00	0.00	0.00				0.00		
		CHROMIUM	7440473							0.00	0.00	0.00		
		CHRYSENE	218019	1.50	1.43	0.43	0.15	0.02	0.02	0.01	0.01	0.01		
		DIBENZO(A,H)ANTHRACENE	53703	0.09	0.09	0.02	0.00	0.02	0.01	0.00	0.00	0.01		
		DIBENZOFURANS	132649	0.66	0.54	0.04	0.02	0.00				0.00		
		ETHYL BENZENE	100414	0.10	0.11	0.00	0.00	0.06	0.09	0.06	0.05	0.09		
		FLUORANTHENE	208440	1.97	1.76	0.57	0.30	0.52	0.60	0.49	0.34	0.44		
		FLUORENE	86737	1.21	1.07	0.06	0.05	0.14				0.00		
		FORMALDEHYDE	50000	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01		
		HEXANE	110543	0.18	0.20	0.17	0.10	0.15	0.18	0.16	0.17	0.18		
		INDENE	95136	0.00	0.00	0.00	0.00	0.00				0.00		
		INDENO-1,2,3-CD-PYRENE	193395	0.29	0.27	0.07	0.01	0.00				0.00		
		LEAD COMPOUNDS	PBC	0.00	0.00	0.00	0.00	0.00				0.00		
		M-CRESOL	108394	0.05	0.05	0.01	0.01	0.03	0.03	0.02	0.01	0.01		
		M-XYLENE	108383	0.45	0.53	0.25	0.11	0.29	0.37	0.30	0.11	0.17		
		NAPHTHALENE	91203	8.16	7.88	4.22	2.33	4.38	5.51	4.47	2.85	3.45		
		NICKEL	50000							0.00	0.00	0.00		
		O-CRESOL	95487	0.05	0.06	0.03	0.01	0.02	0.02	0.01	0.02	0.02		
		O-XYLENE	95476	0.27	0.28	0.02	0.01	0.20	0.24	0.22	0.08	0.10		
		P-CRESOL	106445	0.04	0.05	0.02	0.01	0.02	0.03	0.02	0.00	0.01		
		PHENANTHRENE	85018	3.32	3.04	0.77	0.36	0.19				0.00		
		PHENOL	108952	0.07	0.08	0.04	0.02	0.04	0.05	0.03	0.02	0.02		
		POLYCYCLIC ORGANIC MATTER	POM	15.95	14.58	3.59	1.61	0.02	0.01	0.03	0.01	0.03		
		P-XYLENES	106423	0.47	0.54	0.07	0.03	0.28	0.36	0.29	0.11	0.17		
		PYRENE	129000	1.30	1.21	0.14	0.06	0.10				0.00		
		PYRIDINE	110861	0.06	0.06	0.03	0.01	0.00				0.00		
		QUINOLINE	91225	0.22	0.21	0.05	0.03	0.05	0.04	0.05	0.04	0.05		
		STYRENE	100425	0.40	0.47	0.06	0.02	0.16	0.25	0.19	0.15	0.26		
		TOLUENE	108883	1.19	1.43	0.02	0.04	0.20	0.29	0.29	0.32	0.35		
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		LIBERTY PULTRUSIONS	15122	HEXANE	110543	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	
				STYRENE	100425	5.76	9.70	4.36	8.20	9.47	10.44	12.86	11.85	
				METHANOL	67561	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
				METHYL ISOBUTYL KETONE	108101	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOLUENE	108883			0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
XYLENES (ISOMERS AND MIXTURE)	1330207	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
LINDY PAVING INC/NEVILLE ISLAND TERMINAL	15225	2-METHYLNAPHTHALENE	91576	0.00	0.00	0.00	0.00	0.00				0.00		
		BENZENE	71432	0.06	0.00	0.00	0.00	0.00	0.11	0.11		0.00		
		ETHYL BENZENE	100414	0.04	0.00	0.00	0.00	0.00	0.02	0.02		0.00		
		FORMALDEHYDE	50000	0.47	0.00	0.00	0.00	0.00	0.84	0.91		0.00		
		HEXANE	110543	0.14	0.00	0.00	0.00	0.00	0.25	0.27		0.00		
		LEAD	PB	0.01	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
		METHYL CHLOROFORM	71556	0.01	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
		POLYNUCLEAR AROMATICS	PNA	0.03	0.00	0.00	0.00	0.00				0.00		
		TOLUENE	108883	0.02	0.00	0.00	0.00	0.00	0.01	0.01		0.00		
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.03	0.00	0.00	0.00	0.00	0.03	0.03		0.00		
LINDY PAVING SECOND AVE PLANT	15219	2-METHYLNAPHTHALENE	91576	0.00	0.02	0.00	0.02	0.00				0.00		
		ACETALDEHYDE	75070	0.00	0.29	0.00	0.38	0.00	0.00	0.41	0.00	0.00		
		BENZENE	71432	0.06	0.09	0.00	0.11	0.12	0.11	0.12	0.12	0.13		
		ETHYL BENZENE	100414	0.04	0.05	0.00	0.07	0.05	0.02	0.02	0.02	0.03		
		FORMALDEHYDE	50000	0.47	0.69	0.00	0.61	0.95	0.87	0.98	0.21	0.24		
		HEXANE	110543	0.14	0.21	0.00	0.27	0.28	0.26	0.29	0.28	0.31		
		METHYL CHLOROFORM	71556	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00		
		POLYNUCLEAR AROMATICS	PNA	0.00	0.04	0.00	0.00	0.00				0.00		
		LEAD	7439921						0.00	0.00	0.00	0.00		
		TOLUENE	108883	0.02	0.03	0.00	0.04	0.02	0.01	0.02	0.02	0.02		
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.03	0.04	0.00	0.06	0.03	0.03	0.03	0.03	0.03		
		LINDY PAVING, INC. NEVILLE ISLAND PLANT	15225	2-METHYLNAPHTHALENE	91576	0.00	0.01	0.00	0.00	0.00				0.00
				BENZENE	71432	0.00	0.07	0.14	0.10	0.11	0.11	0.11	0.08	0.14
ETHYL BENZENE	100414			0.00	0.04	0.09	0.06	0.02	0.02	0.02	0.02	0.03		
FORMALDEHYDE	50000			0.00	0.56	1.13	0.77	0.88	0.84	0.91	0.18	0.25		
HEXANE	110543			0.00	0.17	0.33	0.23	0.26	0.25	0.27	0.00	0.33		
LEAD	7439921								0.00	0.00	0.00	0.00		
METHYL CHLOROFORM	71556			0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00		
NAPHTHALENE	91203			0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
POLYNUCLEAR AROMATICS	PNA			0.00	0.03	0.07	0.05	0.00				0.00		
TOLUENE	108883			0.00	0.03	0.05	0.04	0.01	0.01	0.01	0.01	0.02		
XYLENES (ISOMERS AND MIXTURE)	1330207			0.00	0.04	0.07	0.05	0.03	0.03	0.03	0.03	0.04		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT C:

Estimated Point Source Emissions of
Hazardous Air Pollutants & Hydrogen Sulfide

COMPANY NAME	ZIP	HAZARDOUS AIR POLLUTANT	CAS#	2002	2005	2008	2009	2010	2011	2012	2013	2014		
MATTHEWS INTL BRONZE DIVISION	15226	BENZENE	71432					0.10	0.08	0.10	0.12	0.01		
		ISOPROPYLBENZENE	98828					0.01	0.01	0.01	0.00	0.00		
		FORMALDEHYDE	50000					0.05	0.04	0.05	0.06	0.01		
		HEXANE	110543					0.02	0.01	0.03	0.03	0.04		
		LEAD	PB					0.06	0.05	0.06	0.05	0.05		
		METHYL CHLORIDE												
		CHLOROMETHANE	75092					0.16	0.13	0.16	0.03	0.36		
		METHYL ISOBUTYL KETONE	108101					0.14	0.12	0.12	0.62	0.42		
		PHENOL	108952					0.00	0.00	0.00	0.00	0.00		
		TOLUENE	108883					4.90	4.10	4.87	2.78	2.28		
		XYLENES (ISOMERS AND MIXTURE)	1330207					1.47	1.23	1.46	1.42	0.71		
		MCCONWAY & TORLEY CORPORATION	15201	ARSENIC COMPOUNDS	ASC	0.00	0.00	0.00	0.00	0.00				0.00
				BENZENE	71432	0.15	0.68	0.80	1.62	0.75	4.20	4.79	5.05	1.75
CADMIUM	7440439								0.00	0.00	0.00	0.00		
CHROMIUM	7440473			0.00	0.16	0.14	0.11	0.06	0.18	0.20	0.20	0.00		
CHROMIUM COMPOUNDS	CRC			0.03	0.00	0.00	0.00	0.00						
FORMALDEHYDE	50000								0.01	0.00	0.01	0.01		
HEXANE	110543			0.08	0.15	0.10	0.07	0.13	0.16	0.10	0.23	0.22		
LEAD	PB			0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.00		
MANGANESE	7439965			0.05	0.56	0.47	0.33	0.21	0.61	0.61	0.60	0.62		
NAPHTHALENE	91203											0.00		
NICKEL	7440020			0.05	0.15	0.13	0.10	0.06	0.17	0.18	0.21	0.00		
PHENOL	108952			0.01	0.06	0.07	0.14	0.07	0.37	0.42	0.44	0.15		
PHOSPHOROUS OXIDE	1314563			0.03	0.11	0.11	0.08	0.00				0.00		
TOLUENE	108883			0.00	0.00	0.00	0.08	0.03	0.24	0.27	0.29	0.10		
MERCY HOSPITAL OF PITTSBURGH	15219			BENZENE	71432						0.00	0.00	0.00	0.00
				CHROMIUM	7440473									0.00
				ETHYLENE OXIDE	75218	0.56	0.48	0.30	0.27	0.11	0.05	0.04	0.05	0.00
		FORMALDEHYDE	50000	0.01	0.01	0.09	0.10	0.10	0.09	0.10	0.09	0.00		
		GLYCOL ETHERS	GLYET	0.25	0.25	0.01	0.07	0.00	0.00	0.00	0.00	0.00		
		HEXANE	110543	0.13	0.14	0.17	0.13	0.15	0.15	0.13	0.14	0.00		
		METHANOL	67561	0.04	0.04	0.17	0.17	0.80	0.52	0.55	0.62	0.00		
		METHYL BROMIDE	74839	0.00	0.00	0.00	0.00	0.00				0.00		
		NICKEL	7440020						0.00	0.00	0.00	0.00		
		TOLUENE	108883									0.00		
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.01	0.01	1.52	1.68	1.52	1.52	0.91	1.52	0.00		
		NEVILLE CHEMICAL COMPANY	15225	1,2,4-TRIMETHYLBENZENE	95636	3.45	2.56	0.29	0.24	0.00			0.00	0.00
				1,2-DICHLOROETHYLENE	540590	0.00	0.00	0.00	0.00	0.00				0.00
				1,3,5-TRICHLOROBENZENE	108703	0.00	0.00	0.00	0.00	0.00				0.00
1,3-BUTADIENE	108990			0.00	0.02	0.00	0.00	0.00		0.00	0.00	0.00		
ACETALDEHYDE	73070								0.00	0.00	0.00	0.00		
ACROLEIN	107028									0.00	0.00	0.00		
ANTHRACENE	120127			0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
BENZENE	71432			4.14	2.87	0.32	0.26	0.34	0.25	0.29	0.25	0.24		
BENZOFURAN	271896			0.00	0.00	0.00	0.00	0.00				0.00		
BIPHENYL	92524									0.00	0.00	0.00		
BUTYLBENZENE	104518			0.00	0.00	0.00	0.00	0.00				0.00		
CADMIUM	7440439									0.00	0.00	0.00		
CARBON DISULFIDE	75150											0.00		
CHLOROBENZENE	108907			0.01	0.06	0.00	0.00	0.00		0.00	0.00	0.00		
CHROMIUM	7440473									0.00	0.00	0.00		
CHROMIUM COMPOUNDS	CRC			0.01	0.00	0.00	0.00	0.00				0.00		
CRESOLS (MIXED ISOMERS)	1319773			0.00	0.00	0.00	0.00	0.00				0.00		
ISOPROPYLBENZENE	98828			0.17	0.87	0.27	0.24	0.29	0.00	0.16	0.14	0.11		
DICYCLOPENTADIENE	77736			0.00	6.00	4.63	3.79	4.27				0.00		
ETHYL BENZENE	100414			1.69	3.92	0.98	0.82	0.91	0.68	0.70	0.62	0.54		
FORMALDEHYDE	50000			0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.01	0.02		
HEXANE	110543			0.16	0.15	0.28	0.22	0.26	0.24	0.24	0.23	0.23		
HYDROCHLORIC ACID	7647010			0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
INDENE	95136			0.00	0.00	0.00	0.00	0.00				0.00		
MALEIC ANHYDRIDE	108316			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
METHANE	74828			0.00	0.19	0.00	0.00	0.00				0.00		
METHANOL	67561			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NAPHTHALENE	91203			1.00	3.39	0.51	0.41	0.44	0.37	0.41	0.34	0.33		
NICKEL	7440020									0.00	0.00	0.00		
PHENOL	108952			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
PROPYL BENZENE	103651			0.00	0.00	0.00	0.00	0.00				0.00		
STYRENE	100425			1.90	2.89	0.87	0.84	0.80	0.68	0.98	0.79	0.78		
TOLUENE	108883			6.92	4.30	1.09	0.89	1.03	0.81	0.86	0.77	0.72		
TRIMETHYL BENZENE	2551137			0.00	2.12	0.00	0.00	0.00				0.00		
XYLENES (ISOMERS AND MIXTURE)	1330207	4.81	8.14	3.51	3.16	3.56	2.19	2.27	2.06	1.69				
NRG ENERGY CENTER PITTSBURGH	15212	BENZENE	71432						0.00	0.00	0.00	0.00		
		CADMIUM	7440439						0.00	0.00	0.00	0.00		
		CHROMIUM	7440473						0.00	0.00	0.00	0.00		
		FORMALDEHYDE	50000	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02		
		HEXANE	110543	0.00	0.00	0.45	0.42	0.47	0.49	0.52	0.58	0.59		
		LEAD	PB									0.00		
		MANGANESE	7439965									0.00		
		NAPHTHALENE	91203									0.00		
		NICKEL	7440020						0.00	0.00	0.00	0.00		
		TOLUENE	108883						0.00	0.00	0.00	0.00		
		OK GROCERYPERISHABLES WHSE/PGH	15205	BENZENE									0.00	
FORMALDEHYDE												0.00		
NAPHTHALENE												0.00		
TOLUENE												0.00		
XYLENES (ISOMERS AND MIXTURE)												0.00		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT C:
Estimated Point Source Emissions of
Hazardous Air Pollutants & Hydrogen Sulfide

COMPANY NAME	ZIP	HAZARDOUS AIR POLLUTANT	CAS#	2002	2005	2008	2009	2010	2011	2012	2013	2014		
PA AIR NATL GUARD/171 AIR REFUELING WING	15108	2,2,4-TRIMETHYLPENTANE									0.00	0.00		
		ACETALDEHYDE	73070						0.00	0.00	0.00	0.00		
		ACROLEIN	107028						0.00	0.00	0.00	0.00		
		BENZENE	71432						0.00	0.00	0.00	0.00		
		CHROMIC ACID, STRONTIUM SALT (1:1)	7789062						0.00	0.01	0.00	0.00		
		ETHYL BENZENE	100414						0.00	0.00	0.00	0.00		
		FORMALDEHYDE	50000						0.00	0.00	0.01	0.00		
		HEXANE	110543						0.03	0.03	0.03	0.00		
		HYDROGEN SULFIDE	7783064						0.00	0.00	0.00	0.00		
		LEAD	7439921						0.00	0.00	0.00	0.00		
		METHANOL	67561						0.00	0.00	0.00	0.00		
		METHYL ISOBUTYL KETONE	108101						0.00	0.01	0.00	0.00		
		M-XYLENE	108383						0.00	0.00	0.00	0.00		
		NAPHTHALENE	91203						0.00	0.03	0.02	0.00		
		O-XYLENE	95476									0.00		
		PANNIER CORPORATION, GRAPHICS DIVISION	15044	PAH							0.00	0.00	0.00	0.00
				P-XYLENES	106423						0.00	0.00	0.00	0.00
TOLUENE	108883								0.00	0.00	0.00	0.00		
XYLENES (ISOMERS AND MIXTURE)	1330207								0.00	0.00	0.00	0.00		
(HO-CH2-CH2)2-O	111466											0.00		
1,2,4-TRIMETHYLBENZENE	95836			0.04	0.03	0.05	0.03	0.00				0.00		
DIMETHYL PHTHALATE	131113											0.01		
ETHYL BENZENE	100414			0.00	0.00	0.01	0.01	0.006	0.00			0.01		
GLYCOL ETHERS	GLYET			0.20	0.09	0.00	0.00	0.00	0.00			0.00		
HEXANE	110543			0.00	0.00	0.00	0.00	0.0023	0.00			0.00		
METHYL ETHYL KETONE	78933			0.01	0.02	0.00	0.00	0.00				0.00		
METHYL METHACRYLATE	80626			2.31	2.20	2.43	1.98	1.931	0.50			0.58		
NAPHTHALENE	91203			0.00	0.00	0.08	0.04	0.0476	0.06			0.03		
STYRENE	100425			3.68	3.48	3.86	3.14	3.6213	3.17			3.28		
TOLUENE	108883			0.12	0.61	0.65	0.43	0.5251	0.81			0.55		
XYLENES (ISOMERS AND MIXTURE)	1330207			0.01	0.06	0.08	0.14	0.0677	0.06	0.00	0.00	0.08		
PERROTTE WOOD FINISHING COMPANY	15201			TOLUENE	108883	0.00	0.00	0.00	0.25	0.6521	0.00	0.00	0.00	0.00
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.00	0.00	0.00	0.11	0.292	0.00	0.00	0.00	0.00		
												0.00		
PITT PENN OIL COMPANY	15030	ETHYLENE GLYCOL	107211	0.59	0.26	0.18	0.00	0.00	0.00	0.00	0.00	0.00		
		METHANOL	67561	5.39	3.04	4.52	0.00	0.00	0.00	0.00	0.00	0.00		
PITTSBURGH ALLEGHENY COUNTY THERMAL, LTD	15222	STODDARD SOLVENT	8052413	0.04	0.00	0.00	0.00	0.00				0.00		
		HEXANE	110543	0.00	0.00	0.00	0.00	0.89	0.59	0.54	0.60	0.62		
PITTSBURGH ELECTRICAL INSULATION	15120	LEAD	PB	0.00	0.00	0.00	0.00	0.00002	0.00	0.00	0.00	0.00		
		HEXANE	110543	0.00	0.00	0.00	0.00	0.0006	0.00			0.00		
		LEAD	PB	0.00	0.00	0.00	0.00	0.00	0.00			0.00		
PITTSBURGH TERMINALS CORP CORAOPOLIS	15108	METHANOL	67561	0.23	0.26	4.04	2.55	1.64	4.34			5.96		
		METHYL ETHYL KETONE	78933	0.03	0.03	0.00	0.00	0.00				0.00		
		TOLUENE	108883	0.49	0.37	6.81	4.40	2.6	7.18			9.82		
		2,2,4-TRIMETHYLPENTANE	540841	0.41	0.33	0.32	0.31	0.2734	0.26	0.27	0.34	0.00		
		BENZENE	71432	0.47	0.37	0.36	0.35	0.3081	0.31	0.32	0.40	0.00		
		ETHYL BENZENE	100414	0.03	0.04	0.04	0.04	0.0352	0.07	0.07	0.08	0.00		
PITTSBURGH TERMINALS CORP NEVILLE ISLAND	15225	HEXANE	110543	0.45	0.65	0.65	0.63	0.5477	0.55	0.57	0.71	0.00		
		POLYCYCLIC ORGANIC MATTER	POM	0.00	0.02	0.02	0.02	0.0172	0.02	0.02	0.02	0.02		
		TOLUENE	108883	0.41	0.54	0.53	0.52	0.4512	0.54	0.55	0.67	0.00		
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.15	0.32	0.23	0.23	0.2088	0.25	0.26	0.30	0.00		
		2,2,4-TRIMETHYLPENTANE	540841	0.30	0.21	0.21	0.18	0.186	0.13	0.17	0.21	0.00		
		BENZENE	71432	0.36	0.23	0.24	0.20	0.2097	0.15	0.19	0.24	0.00		
PPG INDUSTRIES - CHEMICALS TECHNICAL CENTER	15146	ETHYL BENZENE	100414	0.06	0.03	0.03	0.02	0.024	0.02	0.03	0.03	0.00		
		HEXANE	110543	0.60	0.41	0.42	0.36	0.3715	0.27	0.34	0.42	0.00		
		M-XYLENE	108383	0.25	0.16	0.17	0.14	0.1445	0.10	0.13	0.16	0.00		
		POLYCYCLIC ORGANIC MATTER	POM	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		
		TOLUENE	108883	0.53	0.34	0.35	0.30	0.31	0.23	0.29	0.36	0.00		
		ACETONITRILE	75058	1.09	0.61	0.60	0.53	0.33	0.00	0.90	1.20	0.47		
		CHLOROBENZENE	108907	0.25	0.07	0.00	0.11	0.00	0.00	0.00	0.00	0.00		
		CHLOROPFORM	67663	0.39	0.22	0.12	0.00	0.28	0.16	0.19	0.00	0.00		
		ISOPROPYLBENZENE	98828	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		ETHYLENE DICHLORIDE	107062	0.11	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00		
		ETHYLENE GLYCOL	107211	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		FORMALDEHYDE	50000						0.00	0.00	0.00	0.00		
		HEXANE	110543	0.49	0.75	0.57	0.87	1.24	0.37	1.20	0.33	1.90		
		HYDROCHLORIC ACID						0.28	0.11	0.67	0.61	0.06		
		METHANOL	67561	0.38	0.20	1.28	0.77	0.22	0.15	0.39	0.46	0.32		
		METHYL ISOBUTYL KETONE	108101	0.10	1.22	0.45	0.00	0.35	0.00	0.00	0.00	0.00		
METHYLENE CHLORIDE	75092	1.85	1.89	0.86	0.34	1.18	0.58	3.27	1.52	2.33				
O-XYLENE	95476	0.00	0.12	0.00	0.11	0.00	0.05	0.00	0.00	0.13				
PHENOL	108952	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
TETRAHYDROFURAN	109999	0.49	0.55	1.00	0.27	0.00				0.00				
TOLUENE	108883	0.52	0.51	0.53	0.10	2.93	1.86	9.60	2.54	5.05				
		TRICHLOROETHYLENE	79016	0.00	0.00	0.00	0.15	0.23	0.15	0.27	0.10	0.14		
		TRITHYLAMINE	121448	0.00	0.04	0.00	0.00	0.00	0.03	0.01	0.01	0.06		
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.43	1.17	1.00	0.49	1.14	1.17	0.07	0.26	0.36		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT C:

Estimated Point Source Emissions of
Hazardous Air Pollutants & Hydrogen Sulfide

COMPANY NAME	ZIP	HAZARDOUS AIR POLLUTANT	CAS#	2002	2005	2008	2009	2010	2011	2012	2013	2014		
PPG INDUSTRIES, INC. SPRINGDALE	15144	BENZENE	71432						0.00	0.00	0.00	0.00		
		CHROMIUM	7440473								0.00	0.01		
		ETHYL BENZENE	100414	0.40	0.36	0.00	0.62	0.58	0.85	0.73	0.86	0.71		
		FORMALDEHYDE	50000						0.00	0.00	0.01	0.01		
		GLYCOL ETHERS	GLYET	0.00	0.00	0.00	3.70	2.60	5.01	4.22	4.64	3.90		
		HEXANE	110543	0.00	0.00	0.07	0.10	0.18	0.18	0.18	0.18	0.18	0.19	
		ISOPHORONE	78591	0.00	0.00	0.00	1.62	1.30	1.66	1.11	1.44	2.01		
		LEAD	PB	0.00	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
		METHYL ETHYL KETONE	78933	51.81	17.16	0.00	0.00	0.00				0.00	0.00	
		METHYL ISOBUTYL KETONE	108101	18.33	12.08	1.54	0.28	0.35	0.36	0.39	0.47	0.38		
		METHYL METHACRYLATE	80626	0.00	0.03	0.06	0.05	0.05	0.06	0.07	0.06	0.06		
		NAPHTHALENE	91203						0.44	0.30	0.30	0.22		
		NICKEL	7440020						0.00	0.00	0.00	0.00		
		STYRENE	100425	0.00	0.88	0.01	0.00	0.00	0.01	0.01	0.01	0.00	0.00	
		TOLUENE	108883	30.41	16.41	3.56	1.12	1.13	0.90	0.83	1.02	0.74		
		XYLENES (ISOMERS AND MIXTURE)	1330207	32.00	17.03	15.53	3.13	2.94	4.31	3.76	4.40	3.64		
		PRESSURE CHEMICAL COMPANY	15201	HEXANE	110543	2.19	2.01	0.41	0.05	0.70	0.01	0.31	0.01	0.91
				METHANOL	67561	3.10	8.60	3.20	0.07	3.30	0.00	0.00	0.36	0.00
				METHYLENE CHLORIDE	75092	0.00	1.50	2.30	0.72	0.20	0.45	5.70	2.10	0.00
				TOLUENE	108883	1.55	0.30	1.50	1.30	0.35	0.22	2.30	1.50	0.00
XYLENES (ISOMERS AND MIXTURE)	1330207			0.53	0.50	1.40	0.04	0.50	0.49	0.50	0.00	0.10		
REDLAND BRICK INC.	15024	ARSENIC	7440382	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		BENZENE	71432	0.14	0.16	0.11	0.08	0.10	0.10	0.10	0.00	0.06		
		BIS(2-ETHYLHEXYL)PHTHALATE	117817						0.10	0.00	0.00	0.00		
		CHLORINE	7782505	0.06	0.07	0.05	0.04	0.00	0.00	0.00	0.00	0.00		
		ETHYL CHLORIDE (CHLOROETHANE)	75003	0.03	0.03	0.02	0.02	0.00	0.00	0.00	0.00	0.00		
		FLUORIDES	FL	0.00	1.56	1.07	0.80	0.00				0.09	0.00	
		HYDROCHLORIC ACID	7647010	0.03	0.01	1.87	0.38	0.22	0.21	0.50	0.50	1.25		
		HYDROGEN FLUORIDE	7664393	0.05	0.09	0.83	0.50	0.80	0.30	0.20	0.20	0.43		
		LEAD	PB	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00		
		MANGANESE	7439965	0.00	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00		
		MERCURY	7439976	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		METHYL CHLORIDE	74873	0.03	0.04	0.03	0.02	0.00				0.00		
		METHYL ETHYL KETONE	78933	0.01	0.01	0.00	0.00	0.00				0.00		
		NICKEL	7440020						0.00	0.00	0.00	0.00		
		SELENIUM	7782492	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00		
		TOLUENE	108883	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00		
		SHENANGO INC.	15225	1,1,2-TETRACHLOROETHANE	79345	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
				1,3-BUTADIENE	106990	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
				1,4-DIOXANE	123911	0.04	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.04
				7-PAH	7-PAH	0.00	0.00	0.05	0.00	0.00				0.00
ACENAPHTHYLENE	208968			0.03	0.26	0.03	0.07	0.23				0.00		
ACETONITRILE	75058			0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02		
ACROLEIN	107028			0.00	0.00	0.00	0.02	0.03	0.03	0.03	0.02	0.03		
ACRYLONITRILE	107131			0.00	0.10	0.11	0.10	0.12	0.12	0.11	0.12	0.11		
ANTHRACENE	120127			0.04	0.05	0.04	0.03	0.06	0.06	0.06	0.06	0.06		
ANTIMONY	7440360			0.03	0.02	0.02	0.02	0.00				0.00		
ARSENIC	7440382			0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01		
BENZ(A)ANTHRACENE	56553			0.01	0.07	0.02	0.03	0.07	0.07	0.07	0.07	0.07		
BENZO(B)FLUORANTHENE	205992			0.01	0.05	0.01	0.03	0.02	0.02	0.03	0.03	0.02		
BENZENE	71432			2.85	8.15	12.38	11.13	13.95	12.86	12.58	14.83	12.25		
BENZO(A)PYRENE	50328			0.01	0.07	0.01	0.02	0.01	0.01	0.01	0.01	0.01		
BENZO(G,H,I)PERYLENE	191242			0.00	0.00	0.00	0.03	0.03	0.04	0.04	0.04	0.03		
BENZO(K)FLUORANTHENE	207089			0.01	0.06	0.01	0.01	0.01	0.01	0.01	0.01	0.01		
BENZOFLUORANTHENES	56832736			0.00	0.00	0.00	0.01	0.02				0.00		
BIPHENYL	92524			0.00	0.01	0.01	0.01	0.13	0.01	0.01	0.01	0.01		
BIS(2-ETHYLHEXYL)PHTHALATE	117817								0.00	0.00	0.00	0.00		
CADMIUM	7440439								0.00	0.00	0.00	0.00		
CARBON DISULFIDE	75150			1.35	1.26	0.00	0.05	0.06	0.06	0.06	0.06	0.06		
CARBON OXSULFIDE	463581			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
CHLORINE	7782505			0.19	0.19	0.19	0.19	0.00	0.00	0.00	0.00	0.00		
CHROMIUM	7440473			0.35	0.22	0.25	0.00	0.00	0.00	0.00	0.00	0.00		
CHRYSENE	218019			0.01	0.09	0.02	0.02	0.02	0.02	0.02	0.02	0.02		
Co	7440484			0.02	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.01		
COKE OVEN EMISSIONS	CE			0.00	0.00	0.00	8.56	14.79	11.27	10.94	11.54	10.72		
CRESOLS/CRESYLIC ACID	1319773			0.18	0.19	0.17	0.15	0.02	0.03	0.17	0.18	0.18		
C=N	57125											0.92		
CYANIDE COMPOUNDS	CNC			0.70	0.98	2.68	2.26	2.87	2.70	2.58	2.70	2.58		
DIBENZO(A,H)ANTHRACENE									0.00	0.00	0.00	0.00		
DIBENZOFURAN	132649			0.03	0.15	0.03	0.05					0.00		
ETHYL BENZENE	100414			0.01	0.01	0.01	1.77	2.21	2.15	2.05	2.15	2.04		
FLUORANTHENE	206440			0.04	0.11	0.04	0.09	0.14	0.14	0.14	0.14	0.13		
FLUORENE	86737			0.02	0.14	0.02	0.05	0.10				0.00		
FORMALDEHYDE	50000			0.05	0.04	0.04	0.04	0.00	0.01	0.00	0.00	0.00		
HEXANE	110543			0.15	0.02	0.03	0.11	0.05	0.07	0.10	0.01	0.02		
HYDROCHLORIC ACID	7647010											0.00		
HYDROGEN SULFIDE	7783064			8.64	9.29	7.97	0.23	0.44	0.12	0.14	0.16	0.11		
INDENO-1,2,3-CD-PYRENE	193395			0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00		
LEAD	PB			0.01	0.01	0.01	0.01	0.04	0.04	0.03	0.04	0.03		
MANGANESE	7439965			0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01		
MERCURY	7439976			0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01		
METHANOL	67561			1.86	1.47	3.18	4.82	4.32	4.26	4.24	4.18	3.09		
METHYL CHLORIDE	74873			0.00	0.00	0.00	1.34	1.68	1.63	1.55	1.63	1.55		
METHYL ISOBUTYL KETONE	108101			0.00	0.00	0.00	0.04	0.05	0.05	0.04	0.05	0.04		
METHYL METHACRYLATE	80626			0.04	0.04	0.05	0.04	0.05	0.05	0.04	0.05	0.04		
METHYLENE CHLORIDE	75092								0.00	0.00	0.00	0.00		
METHYLPHENANTHRENES	31711532			0.01	0.06	0.01	0.01	0.00				0.00		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT C:

Estimated Point Source Emissions of
Hazardous Air Pollutants & Hydrogen Sulfide

COMPANY NAME	ZIP	HAZARDOUS AIR POLLUTANT	CAS#	2002	2005	2008	2009	2010	2011	2012	2013	2014		
SHENANGO INC. (continued from previous page)	15225	NAPHTHALENE	91203	0.56	1.88	0.95	1.54	2.08	1.89	1.70	1.72	1.79		
		NICKEL	7440020	0.04	0.03	0.03	0.03	0.05	0.04	0.04	0.04	0.04		
		PAH		0.11	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00		
		PHENANTHRENE	85018	0.14	0.69	0.18	0.23	0.31				0.00	0.00	
		PHENANTHRENE, CYCLOPENTA-, (C15-H10)	203645	0.01	0.13	0.01	0.03	0.00				0.00	0.00	
		PHENOL	108952	0.67	1.40	0.89	0.97	1.05	1.06	1.03	1.03	1.04	1.04	
		PHOSPHORUS	7723140	0.00	0.00	0.00	0.01	0.02	0.02	0.02	0.02	0.02	0.02	
		POLYCYCLIC ORGANIC MATTER	POM	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	
		PYRENE	129000	0.03	0.27	0.05	0.09	0.00					0.00	0.24
		QUINOLINE	91225	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
		SELENIUM	7782492							0.00	0.00	0.00	0.00	
		STYRENE	100425	0.03	0.02	0.04	0.09	0.12	0.12	0.11	0.11	0.11	0.11	
		TETRAHYDROFURAN	109999	0.00	0.03	0.03	0.03	0.00					0.00	0.00
		TOLUENE	108883	0.52	1.09	2.48	1.73	2.18	2.08	2.00	2.20	2.20	1.98	
		VINYL ACETATE	108054	0.04	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.04	
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.09	0.15	0.49	0.29	0.34	0.35	0.32	0.32	0.34	0.33	
		STANDARD FORGED PRODUCTS LLC/ TRINITY INDUSTRIES PLANT 441	15136	HEXANE	110543			0.00	0.00	0.19	0.37	0.49	0.47	0.53
LEAD	PB											0.00		
STATE CORRECTIONAL INSTITUTE - PITTSBURGH	15233	BENZENE	71432									0.00		
		FORMALDEHYDE	50000						0.00	0.00	0.00			
		HEXANE	110543	0.00	0.00	0.00	0.00	0.08	0.07	0.07	0.13			
		HYDROCHLORIC ACID	7647010	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
		HYDROGEN FLUORIDE	7664393	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
		NICKEL	7440020									0.00		
		TOLUENE	108883						0.00	0.00	0.00	0.00		
ST CLAIR HOSPITAL	15243	BENZENE	71432						0.00	0.00	0.00			
		FORMALDEHYDE	50000						0.00	0.01	0.00			
		HEXANE	110543					0.09	0.09	0.10	0.09			
SUN REFINING AND MARKETING/BLAWNOX	15238	TOLUENE	108883						0.00	0.00	0.00			
		2,2,4-TRIMETHYLPENTANE	540841	0.00	0.03	0.03	0.02	0.00	0.02	0.00	0.04			
		ARSENIC	7440382									0.00		
		BENZENE	71432	0.05	0.05	0.09	0.11	0.08	0.06	0.06	0.04			
		CADMIUM	7440439									0.00		
		CHROMIUM	7440473									0.00		
		ISOPROPYLBENZENE	98828	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00			
		ETHYL BENZENE	100414	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01		
		FORMALDEHYDE	50000						0.00	0.00	0.00	0.09		
		HEXANE	110543	0.03	0.04	0.05	0.05	0.03	0.05	0.05	0.05	2.31		
		MANGANESE	7439965									0.00		
		MERCURY	7439976									0.00		
		METHYL TERT-BUTYL ETHER	1634044	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00		
		NAPHTHALENE	91203	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		NICKEL	7440020										0.00	
TOLUENE	108883	0.07	0.07	0.11	0.13	0.06	0.09	0.09	0.09	0.08				
XYLENES (ISOMERS AND MIXTURE)	1330207	0.06	0.07	0.12	0.17	0.06	0.07	0.07	0.08	0.11				
SUNOCO PARTNERS MARKETING & TERMINALS - PITTSBURGH	15201	2,2,4-TRIMETHYLPENTANE	540841	0.00	0.00	0.00	0.00	0.14	0.10	0.00	0.17	0.09		
		ARSENIC	7440382									0.00	0.00	
		BENZENE	71432	0.04	0.04	0.03	0.03	0.03	0.04	0.04	0.03	0.02		
		CADMIUM	7440439									0.00	0.00	
		CHROMIUM	7440473									0.00	0.00	
		ETHYL BENZENE	100414	0.02	0.12	0.01	0.02	0.01	0.02	0.01	0.01	0.01		
		FORMALDEHYDE	50000						0.00	0.00	0.00	0.00	0.09	
		HEXANE	110543	0.13	0.12	0.16	0.17	0.21	0.23	0.26	0.16	2.38		
		ISOPROPYLBENZENE	98828									0.00	0.00	
		MANGANESE	7439965									0.00	0.00	
		MERCURY	7439976									0.00	0.00	
		METHYL TERT-BUTYL ETHER	1634044	0.04	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	
		NAPHTHALENE	91203	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	
		NICKEL	7440020										0.00	
		TOLUENE	108883	0.12	0.29	0.10	0.10	0.13	0.13	0.13	0.13	0.12	0.08	
XYLENES (ISOMERS AND MIXTURE)	1330207	0.14	0.77	0.09	0.11	0.09	0.09	0.08	0.07	0.06	0.04			
TECH MET INC/GLASSPORT	15045	FORMALDEHYDE	50000									0.00	0.00	
		HEXANE	110543									0.01	0.01	
		HYDROCHLORIC ACID	7647010									0.00	0.00	
		HYDROGEN FLUORIDE	7664393									0.01	0.01	
		TETRACHLOROETHYLENE	127184									3.00	0.23	
		TOLUENE	108883										0.84	
THE LANE ASPHALT PLANT/MCKEES ROCKS	15136	ACETALDEHYDE	75070	0.04	0.05	0.03	0.03		0.00	0.00	0.00	0.00		
		ARSENIC	7440382						0.00	0.00	0.00	0.00	0.00	
		BENZO(B)FLUORANTHENE	205992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		BENZENE	71432	0.03	0.05	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.04	
		BIPHENYL	92524					0.02	0.02	0.00	0.00	0.00	0.00	
		CADMIUM	7440439						0.00	0.00	0.00	0.00	0.02	
		CHROMIUM	7440473	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	
		ETHYL BENZENE	100414	0.25	0.36	0.21	0.19	0.21	0.17	0.13	0.13	0.00	0.14	
		FORMALDEHYDE	50000	0.08	0.12	0.07	0.07	0.00	0.00	0.00	0.00	0.00	1.39	
		HEXANE	110543	0.00	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.03	0.02	
		HYDROCHLORIC ACID	7647010	0.00	1.66	1.10	0.97	0.00	1.01	0.29	0.00	0.00	0.02	
		LEAD	PB	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		MANGANESE	7439965						0.00			0.00	0.00	
		MANGANESE COMPOUNDS	MNC	0.01	0.00	0.00	0.00	0.00				0.00	0.00	
		MERCURY	7439976							0.00	0.00	0.00	0.01	
THE LANE ASPHALT PLANT/MCKEES ROCKS	15136	NAPHTHALENE	91203					0.11	0.11	0.03	0.00	0.01		
		NICKEL	7440020						0.02	0.00	0.00	0.04		
		NICKEL COMPOUNDS	NIC	0.03	0.00	0.00	0.00	0.02				0.00	0.00	
		QUINONE	106514	0.03	0.04	0.03	0.02	0.00				0.00	0.00	
		SELENIUM	7782492						0.00	0.00	0.00	0.00	0.00	
		SELENIUM COMPOUNDS	SEC	0.00	0.00	0.00	0.00	0.00				0.00	0.00	
		TOLUENE	108883	0.11	0.16	0.10	0.09	0.00	0.00	0.00	0.00	0.00	0.07	
XYLENES (ISOMERS AND MIXTURE)	1330207	0.30	0.44	0.26	0.24	0.26	0.21	0.16	0.13	0.13	0.17			

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT C:

Estimated Point Source Emissions of
Hazardous Air Pollutants & Hydrogen Sulfide

COMPANY NAME	ZIP	HAZARDOUS AIR POLLUTANT	CAS#	2002	2005	2008	2009	2010	2011	2012	2013	2014		
THE LANE CONSTRUCTION / BRIDGEVILLE	15017	ACETALDEHYDE	75070	0.03	0.03	0.02	0.02	0.00	0.00	0.05	0.00	0.21		
		ARSENIC	7440382							0.00	0.00	0.00		
		BENZENE	71432	0.02	0.02	0.02	0.01	0.00	0.00	0.06	0.13	0.27		
		BIPHENYL	92524					0.01	0.01	0.00	0.00	0.00		
		CADMIUM	7440439						0.00	0.00	0.00	0.00		
		CHROMIUM	7440473	0.00	0.00	0.00	0.00	0.01			0.00	0.00		
		ETHYL BENZENE	100414	0.29	0.20	0.15	0.11	0.10	0.14	0.08	0.03	0.04		
		FORMALDEHYDE	50000	0.06	0.07	0.05	0.04	0.00	0.00	0.15	0.34	0.54		
		HEXANE	110543	0.00	0.01	0.02	0.01	0.01	0.02	0.04	0.00	0.00		
		HYDROCHLORIC ACID	7647010	0.00	1.04	0.97	0.71	0.00	0.74	0.00	0.00	0.00		
THE LANE CONSTRUCTION / BRIDGEVILLE	15017	MANGANESE	7439965	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		MERCURY	7439976						0.00	0.00	0.00	0.00		
		NAPHTHALENE	91203			0.00	0.00	0.07	0.08	0.03	0.00	0.00		
		NICKEL	7440020						0.01	0.00	0.00	0.00		
		NICKEL COMPOUNDS	NIC	0.03	0.00	0.00	0.00	0.01			0.00	0.00		
		QUINONE	106514	0.02	0.02	0.02	0.01	0.00			0.00	0.00		
		SELENIUM	7782492						0.00	0.00	0.00	0.00		
		TOLUENE	108883	0.09	0.09	0.07	0.05	0.00	0.00	0.04	0.02	0.17		
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.23	0.24	0.19	0.13	0.12	0.17	0.10	0.04	0.03		
		THE LANE CONSTRUCTION SPRINGDALE	15144	ACETALDEHYDE	75070	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BENZENE	71432			0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00		
ETHYL BENZENE	100414			0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00		
FORMALDEHYDE	50000			0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.21		
HEXANE	110543			0.00	0.00	0.00	0.04	0.03	0.02	0.02	0.02	0.01		
TOLUENE	108883			0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00		
XYLENES (ISOMERS AND MIXTURE)	1330207			0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00		
THE VALSPAR CORPORATION	15233			ETHYL ACRYLATE	140885						0.00	0.00	0.00	
				ISOPROPYLBENZENE	98828	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.00	
				ETHYL BENZENE	100414	0.53	0.52	0.03	0.02	0.03	0.02	0.04	0.04	
		FORMALDEHYDE	50000	0.04	0.23	0.01	0.00	0.01	0.04	0.01	0.01			
		GLYCOL ETHERS	GLYET	0.03	0.13	0.01	0.05	0.03	0.04	0.10	0.10			
		HEXANE	110543	0.03	0.04	0.04	0.02	0.06	0.05	0.05	0.06			
		ISOPHORONE	78591	0.05	0.10	0.02	0.11	0.12	0.11	0.17	0.17			
		METHANOL	67561						0.00	0.00	0.00			
		METHYL ISOBUTYL KETONE	108101	3.00	2.93	0.80	0.25	0.01	0.05	0.02	0.02			
		NAPHTHALENE	91203	0.01	0.06	0.00	0.00	0.00	0.00	0.00	0.00			
TUBE CITY IMS @ EDGAR THOMSON	15104	TOLUENE	108883	0.59	0.66	0.13	0.17	0.20	0.25	0.21	0.22			
		VINYL ACETATE	108054	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
		XYLENES (ISOMERS AND MIXTURE)	1330207	2.35	2.25	0.14	0.09	0.10	0.18	0.13	0.13	15.87		
		METHANOL	67561											
		TUBE CITY IMS WEST MIFFLIN	15236	FORMALDEHYDE	50000						0.00	0.00	0.00	
				HEXANE	110543	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	
				CHROMIUM	7440473									0.27
				ETHYLENE GLYCOL	107211						6.70	0.00	0.85	
				FORMALDEHYDE	50000								0.00	
				HEXANE	110543						0.01	0.00	0.01	
HEXAVALENT CHROMIUM	18540299								0.00	0.00	0.01			
MANGANESE	7439965								0.00	0.00	0.00			
NICKEL	7440020								0.00	0.00	0.00			
PHENOL	108952								0.19	0.00	0.07			
UNION ELECTRIC STEEL CORPORATION	15106	HEXANE	110543	0.10	0.11	0.11	0.09	0.11	0.10	0.10	0.10			
		FORMALDEHYDE	50000	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00			
		DIETHANOLAMINE	111422									0.00		
		ETHYLENE GLYCOL	107211									0.00		
		HYDROCHLORIC ACID	7647010									0.02		
		METHANOL	67561									0.23		
		METHYL ISOBUTYL KETONE	108101									0.00		
		TOLUENE	108883									0.28		
		TRIETHYLAMINE	121448									0.08		
		XYLENES (ISOMERS AND MIXTURE)	1330207									0.03		
UNIVERSAL STAINLESS & ALLOY PRODUCTS	15017	CHROMIUM	7440473						0.46	0.24	0.14	0.17		
		CHROMIUM COMPOUNDS	CRC	0.35	0.46	0.43	0.20	0.43			0.00	0.00		
		HEXANE	110543						0.00	0.54	0.55	0.58		
		LEAD	PB	0.00	0.02	0.02	0.01	0.02	0.02	0.02	0.01	0.02		
		MANGANESE	7439965						0.00	0.44	0.28	0.32		
		NICKEL	7440020						0.20	0.16	0.09	0.12		
		NICKEL COMPOUNDS	NIC	0.15	0.20	0.19	0.09	0.19			0.00	0.00		
		BENZENE	71432	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		ISOPROPYLBENZENE	98828	0.04	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01		
		ETHYL BENZENE	100414								0.00	0.00		
UNIVERSITY OF PITTSBURGH (MAIN CAMPUS)	15213	FORMALDEHYDE	50000								0.00	0.05		
		HEXANE	110543	0.08	0.08	0.00	0.00	0.13	0.06	0.09	0.11	1.30		
		METHANOL	67561	0.05	0.03	0.00	0.00	0.03	0.03	0.07	0.06	0.05		
		METHYL ISOBUTYL KETONE	108101	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		NAPHTHALENE	91203						0.00	0.03	0.01	0.01		
		O-XYLENE	95476								0.00	0.00		
		P-XYLENES	106423								0.00	0.00		
		TOLUENE	108883	0.07	0.06	0.00	0.00	0.07	0.06	0.13	0.11	0.08		
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.05	0.01	0.00	0.00	0.02	0.01	0.02	0.02	0.01		
		UNIVERSITY OF PITTSBURGH APPLIED RESEARCH CENTER	15238	2-METHYLNAPHTHALENE	91576	0.00	0.00	0.00	0.00				0.00	0.00
CHROMIUM	7440473										0.00	0.00		
FORMALDEHYDE	50000			0.00	0.00	0.01	0.01	0.03	0.01	0.01	0.01	0.01		
HEXANE	110543			0.15	0.16	0.16	0.17	0.16	0.16	0.17	0.16	0.18		
NICKEL	7440020								0.00	0.00	0.00	0.00		
BENZENE	71432								0.00	0.00	0.00	0.00		
ETHYLENE GLYCOL	107211								0.00	0.00	0.00	0.00		
ETHYLENE OXIDE	75218								0.00	0.00	0.00	0.00		
FORMALDEHYDE	50000								0.01	0.00	0.01	0.01		
HEXANE	110543			0.00	0.11	0.13	0.13	0.13	0.13	0.14	0.15	0.16		
UPMC - MAGEE	15213	METHANOL	67561	0.10	0.33	0.30	1.00	1.00	0.00	0.00	0.00	0.00		
		NICKEL	7440020								0.00	0.00		
		TOLUENE	108883						0.00	0.00	0.00	0.00		
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.33	0.10	0.10	0.50	0.05	0.00	0.00	0.00	0.00		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT C:

Estimated Point Source Emissions of
Hazardous Air Pollutants & Hydrogen Sulfide

COMPANY NAME	ZIP	HAZARDOUS AIR POLLUTANT	CAS#	2002	2005	2008	2009	2010	2011	2012	2013	2014		
UPMC - MCKEESPORT	15132	BENZENE	71432						0.00	0.00	0.00	0.00		
		Cr(O)3									0.00	0.00		
		ETHYLENE GLYCOL	107211						0.00	0.01	0.00	0.00		
		ETHYLENE OXIDE	75218	0.07	0.07	0.09	0.05	0.01	0.01	0.01	0.00	0.01		
		FORMALDEHYDE	50000	0.14	0.10	0.08	0.12	0.12	0.11	0.09	0.09	0.22	0.06	
		HEXANE	110543	0.00	0.08	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07	
		HYDROCHLORIC ACID	7647010									0.00	0.00	
		METHANOL	67561						0.01	0.00	0.00	0.01	0.01	
		TOLUENE	108883						0.00	0.00	0.00	0.00	0.00	
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		UPMC - OAKLAND	15213	ETHYLENE OXIDE	75218	0.45	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07
FORMALDEHYDE	50000								0.00	0.00	0.00	0.00		
HEXANE	110543			0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
HYDROCHLORIC ACID	7647010			8.42	0.11	0.65	0.11	0.69	0.73	0.82	0.82	0.66		
HYDROGEN BROMIDE	10035106			0.01	0.00	0.00	0.00	0.00				0.00		
HYDROGEN FLUORIDE	7664393			0.04	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00		
LEAD	PB			0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00		
MERCURY	7439976			0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00		
MERCURY COMPOUNDS	HGC			0.03	0.00	0.00	0.00	0.00				0.00		
ACETALDEHYDE	75070								0.00	0.00	0.00	0.00		
UPMC - PASSAVANT	15237			BENZENE	71432						0.00	0.00	0.00	0.00
		FORMALDEHYDE	50000						0.00	0.00	0.00	0.00		
		HEXANE	110543					0.16	0.13	0.15	0.12	0.15		
		NICKEL	7440020								0.00	0.00		
		TOLUENE	108883								0.00	0.00		
		UPMC - SHADYSIDE	15232	ANTIMONY COMPOUNDS	SBC	0.00	0.00	0.00	0.00	0.00			0.00	0.00
				BENZENE	71432						0.01	0.00	0.00	0.00
				CADMIUM	7440439								0.00	0.00
				CHROMIUM	7440473								0.00	0.00
				FORMALDEHYDE	50000	0.75	0.75	0.02	0.02	0.01	0.01	0.01	0.01	0.01
				HEXANE	110543	0.00	0.23	0.21	0.21	0.22	0.21	0.21	0.23	0.24
METHANOL	67561										0.00	0.00		
NICKEL	7440020										0.00	0.00		
POLYCYCLIC ORGANIC MATTER	POM			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
TOLUENE	108883							0.00	0.00	0.00	0.00	0.00		
UPMC - SOUTHSIDE	15203			ANTIMONY COMPOUNDS	SBC	1.00	1.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
		BENZENE	71432								0.00	0.00		
		CHROMIUM	7440473	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		FORMALDEHYDE	50000						0.00	0.00	0.00	0.00		
		HEXANE	110543	0.00	0.02	0.03	0.03	0.01	0.03	0.01	0.03	0.03		
		LEAD	PB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		MERCURY	7439976	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		POLYCYCLIC ORGANIC MATTER	POM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		BENZENE	71432						0.00	0.00	0.00	0.00		
		FORMALDEHYDE	50000						0.07	0.08	0.06	0.07		
		HEXANE	110543	0.44	0.22	0.00	0.14	0.00	0.20	0.05	0.15	0.11		
US AIRWAYS MAINTENANCE BASE	15231	1,2-EPOXYBUTANE	106887	0.44	0.22	0.00	0.14	0.00	0.20	0.05	0.15	0.11		
		2-BUTOXY ETHANOL	111762	0.00	0.11	0.00	0.00	0.00			0.00	0.00		
		DIBUTYLPHTHALATE	84742									0.00	0.00	
		DIMETHYL PHTHALATE	131113	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.01	0.01	
		ETHYL BENZENE	100414	0.00	0.00	0.01	0.02	0.04	0.00	0.01	0.01	0.01		
		FORMALDEHYDE	50000						0.00	0.00	0.00	0.00		
		ETHYLENE GLYCOL	107211	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		HEXANE	110543	0.00	0.06	0.00	0.06	0.00	0.02	0.04	0.04	0.03		
		METHANOL	67561	0.36	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		METHYL CHLORIDE										0.00	0.00	
		CHLOROMETHANE	74873									0.00	0.00	
		METHYL CHLOROFORM	71556	0.00	0.00	0.05	0.01	0.07	0.08	0.03	0.05	0.06		
		METHYL ETHYL KETONE	78933	0.19	0.33	0.00	0.00	0.00				0.00	0.00	
		METHYL ISOBUTYL KETONE	108101	0.00	0.15	0.08	0.11	0.17	0.04	0.02	0.02	0.02		
		METHYLENE CHLORIDE	75092	0.00	0.00	0.00	0.00	0.06	0.04	0.04	0.00	0.00		
		PMDI	101688	0.00	0.00	0.00	0.01	0.00				0.00	0.00	
		PHENOL	108952	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00		
		STYRENE	100425	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.01	0.01		
		TOLUENE	108883	0.11	0.12	0.17	0.21	0.18	0.14	0.12	0.05	0.07		
		TRICHLOROETHYLENE	79016	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.00	0.17	0.11	0.11	0.12	0.08	0.07	0.04	0.04		
		US STEEL CORPORATION - IRVIN PLANT	15034	BENZENE	71432	0.00	0.00	0.00	0.08	0.36	0.22	0.35	0.64	1.14
				CADMIUM	7440439						0.00	0.00	0.00	0.00
CARBON DISULFIDE	75150			0.18	0.19	0.17	0.11	0.17	0.16	0.18	0.21	0.22		
CHLORINE	7782505			0.36	0.37	0.33	0.21	0.33	0.32	0.35	0.42	0.44		
CHROMIUM	7440473								0.00	0.00	0.00	0.00		
ETHYL BENZENE	100414								0.10	0.09	0.05	0.03		
ETHYLENE GLYCOL	107211			0.47	0.07	0.34	0.15	0.19	0.38	0.37	0.18	0.10		
FORMALDEHYDE	50000					0.00	0.00	0.01	0.01	0.01	0.00	0.00		
GLYCOL ETHERS	GLYET			0.00	0.05	0.00	0.00	0.00	0.66	0.65	0.32	0.18		
HEXANE	110543			1.63	1.44	1.33	2.48	1.74	2.07	1.59	1.10	0.86		
HYDROCHLORIC ACID	7647010			29.67	26.45	23.12	15.08	23.75	23.02	24.81	29.69	31.49		
LEAD	PB			0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
METHANOL	67561			1.55	0.24	1.11	0.50	0.65	0.00	0.00	0.00	0.00		
NICKEL	7440020								0.00	0.00	0.00	0.00		
TOLUENE	108883			0.35	0.06	0.25	0.22	0.27	0.50	0.10	0.08	0.11		
XYLENES (ISOMERS AND MIXTURE)	1330207			1.02	0.16	0.72	0.33	0.43	0.15	0.10	0.05	0.03		

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT C:

Estimated Point Source Emissions of
Hazardous Air Pollutants & Hydrogen Sulfide

COMPANY NAME	ZIP	HAZARDOUS AIR POLLUTANT	CAS#	2002	2005	2008	2009	2010	2011	2012	2013	2014			
USS - CLAIRTON WORKS	15025	1,1,2,2-TETRACHLOROETHANE	79345	0.26	0.25	0.23	0.13	0.19	0.19	0.19	0.18	0.18			
		1,4-DIOXANE	123911	0.53	0.50	0.46	0.27	0.39	0.38	0.38	0.37	0.36			
		ACENAPHTHYLENE	208968	0.46	0.47	0.46	0.30	0.34				0.00	0.48		
		ACETONITRILE	75058	0.29	0.29	0.26	0.16	0.23	0.22	0.22	0.22	0.21	0.21		
		ACROLEIN	107028	0.34	0.32	0.30	0.17	0.24	0.24	0.24	0.25	0.24	0.23		
		ANTHRACENE	120127	0.23	0.22	0.19	0.11	0.15	0.15	0.15	0.16	0.19	0.19		
		ANTIMONY	7440360	0.37	0.29	0.27	0.15	0.00				0.00	0.22		
		ARSENIC	7440382								0.00	0.00	0.00	0.00	
		BENZ(A)ANTHRACENE	58553	0.16	0.16	0.18	0.11	0.14	0.15	0.15	0.16	0.16	0.36	0.19	
		BENZO(B)FLUORANTHENE	205992	0.10	0.10	0.10	0.06	0.07	0.08	0.08	0.08	0.08	0.23	0.11	
		BENZENE	71432	26.85	71.73	42.72	33.62	17.16	17.93	15.61	27.12	18.65	18.65	18.65	
		BENZO(A)PYRENE	50328	0.12	0.12	0.12	0.07	0.09	0.10	0.10	0.10	0.29	0.13	0.13	
		BENZO(G,H,I)PERYLENE	191242			0.00	0.00	0.21	0.23	0.24	0.29	0.28	0.28	0.28	
		BENZO(K)FLUORANTHENE	207089	0.08	0.08	0.08	0.05	0.06	0.07	0.07	0.07	0.20	0.09	0.09	
		BIPHENYL	92524	0.04	0.04	0.17	0.11	0.15	0.15	0.15	0.15	0.25	0.17	0.17	
		C15-H10	C15-H10										0.38	0.24	
		C15-H12	C15-H12							0.00	0.12	0.34	0.15	0.15	
		CADMIUM	7440439							0.00	0.00	0.00	0.00	0.00	
		CARBON DISULFIDE	75150	18.31	16.83	0.46	0.29	0.47	0.45	13.76	17.81	17.69	17.69	17.69	
		CARBON OXY SULFIDE	463581							0.00	51.16	53.72	53.72	53.72	
		CHLORINE	7782505	1.44	1.43	1.30	0.88	1.18	1.20	1.20	1.40	1.46	1.46	1.46	
		CHROMIUM	7440473	4.46	2.91	2.66	1.54	2.25	2.25	2.29	2.27	2.24	2.24	2.24	
		CHRYSENE	218019	0.19	0.19	0.23	0.13	0.20	0.19	0.20	0.35	0.26	0.26	0.26	
		Co	7440484	0.21	0.15	0.14	0.08	0.11	0.11	0.11	0.12	0.12	0.11	0.11	
		COKE OVEN EMISSIONS	CE						103.27	86.93	78.57	91.53	84.86	84.86	
		CRESOLES/CRESYLIC ACID	1319773	1.85	1.76	1.61	0.94	1.37	1.37	1.41	1.41	1.66	1.65	1.65	
		CYANIDE COMPOUNDS	CNC	37.13	35.53	32.41	18.86	38.27	18.03	18.34	19.20	18.13	18.13	18.13	
		DIBENZO(A,H)ANTHRACENE	53703	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
		DIBENZOFURANS	132649	0.37	0.39	0.48	0.29	0.00				0.00	0.00	0.00	
		ETHYL BENZENE	100414	0.03	0.03	0.02	0.01	0.01	0.09	0.07	0.07	0.06	0.05	0.05	
		ETHYLENE GLYCOL	107211	0.15	0.43	0.29	0.04	0.11	0.29	0.22	0.17	0.14	0.14	0.14	
		FLUORANTHENE	206440	0.56	0.58	0.67	0.42	0.54	0.56	0.58	1.28	0.69	0.69	0.69	
		FLUORENE	86737	0.23	0.24	0.24	0.15	0.18			0.00	0.25	0.25	0.25	
		FORMALDEHYDE	50000	0.00	0.00	0.00	0.05	0.03	0.03	0.00	0.00	0.00	0.00	0.00	
		GLYCOL ETHERS	GLYET	0.00	0.00	0.00	4.91	14.42	40.89	24.19	15.85	1.19	1.19	1.19	
		HEXANE	110543	0.57	0.86	0.69	2.73	0.91	0.89	0.75	0.27	0.34	0.34	0.34	
		HYDROCHLORIC ACID	7647010	105.70	103.86	84.79	61.64	89.92	94.93	94.74	107.07	110.22	110.22	110.22	
		HYDROGEN SULFIDE	7783064	145.47	138.43	126.72	79.72	118.94	113.45	115.49	131.59	126.83	126.83	126.83	
		INDENO-1,2,3-CD-PYRENE	193395	0.05	0.05	0.05	0.03	0.04	0.04	0.04	0.00	0.00	0.00	0.00	
		ISOPHORONE	78591											0.06	
		LEAD	PB	0.06	0.06	0.04	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
		MANGANESE	7439965							0.00	0.00	0.00	0.00	0.00	
		MERCURY	7439976							0.00	0.00	0.00	0.00	0.00	
		METHANOL	67561	62.10	56.43	21.16	42.16	44.34	31.43	8.17	7.50	35.17	35.17	35.17	
		METHYL CHLORIDE													
		CHLOROMETHANE	74873	2.62	21.59	13.54	10.98	4.05	4.13	3.19	3.49	3.98	3.98	3.98	
		METHYL METHACRYLATE	80626	0.60	0.58	0.52	0.30	0.43	0.43	0.44	0.42	0.41	0.41	0.41	
		METHYLPHENANTHRENES	31711532	0.14	0.14	0.14	0.09	0.17				0.00	0.00	0.00	
		NAPHTHALENE	91203	4.28	4.42	4.72	2.96	3.82	3.83	3.96	8.88	5.11	5.11	5.11	
		NICKEL	7440020	0.47	0.37	0.34	0.19	0.28	0.28	0.29	0.28	0.28	0.28	0.28	
		PAH	PAH	0.00	0.00	0.00	0.52	0.64	0.64	0.66	1.57	0.83	0.83	0.83	
		PHENANTHRENE	85018	1.23	1.28	1.80	1.10	1.44				0.00	1.79	1.79	
		PHENANTHRENE, CYCLOPENTA-, (C15-H10)	203645	0.24	0.22	0.22	0.13	0.17	0.18	0.19	0.00	0.00	0.00	0.00	
		PHENOL	108952	22.18	21.16	12.55	7.30	27.38	16.17	16.55	20.33	20.22	20.22	20.22	
		POLYCYCLIC ORGANIC MATTER	POM	0.00	0.00	0.47	0.17	0.26	0.25	0.25	0.29	0.29	0.29	0.29	
		PYRENE	129000	0.58	0.57	0.64	0.40	0.50				0.00	0.66	0.66	
		QUINOLINE	91225	0.12	0.12	0.07	0.04	0.06	0.06	0.06	0.06	0.08	0.04	0.04	
		STYRENE	100425	0.32	0.32	0.16	0.09	0.13	0.12	0.12	0.15	0.15	0.15	0.15	
		TOLUENE	108883	5.37	25.15	15.43	12.42	5.16	5.20	4.27	5.25	4.97	4.97	4.97	
		VINYL ACETATE	108054	0.53	0.50	0.46	0.27	0.39	0.38	0.38	0.37	0.36	0.36	0.36	
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.77	1.28	0.87	0.22	0.40	0.25	0.23	0.30	0.24	0.24	0.24	
		USS - EDGAR THOMSON WORKS	15104	BENZENE	71432	0.00	0.00	0.00	0.06	0.06	0.06	0.06	0.08	0.05	
				CARBON DISULFIDE	75150	0.12	0.09	0.11	0.09	0.09	0.09	0.08	0.11	0.07	
				CHLORINE	7782505	0.23	0.18	0.21	0.17	0.18	0.18	0.16	0.22	0.14	0.14
				CHROMIUM	7440473	0.00	0.02	0.00	0.01	0.01	0.02	0.03	0.03	0.03	0.03
CHROMIUM COMPOUNDS	CRC			0.01	0.00	0.00	0.00	0.00				0.00	0.00		
ETHYL BENZENE	107211			0.18	0.50	0.21	0.05	0.12	0.22	0.10	0.10	0.10	0.10		
ETHYLENE GLYCOL	50000			0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00		
FORMALDEHYDE	50000			0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00		
GLYCOL ETHERS									0.39	0.18	0.18	0.18	0.18		
HEXANE	110543			1.14	1.01	0.98	1.86	1.31	1.20	0.41	0.50	0.59	0.59		
HYDROCHLORIC ACID	7647010			16.08	12.65	14.92	12.07	11.83	12.33	11.01	15.20	9.51	9.51		
LEAD	PB			0.19	0.41	0.35	0.03	0.03	0.28	0.23	0.20	0.20	0.20		
MANGANESE	7439965			0.00	1.20	0.82	1.50	0.69	0.63	1.13	1.06	1.33	1.33		
MANGANESE COMPOUNDS	MNC			0.88	0.00	0.00	0.00	0.00				0.00	0.00		
METHANOL	67561			0.54	1.70	18.15	13.97	18.85	15.94	11.90	16.22	2.20	2.20		
NAPHTHALENE									0.00	0.00	0.00	0.00	0.00		
NICKEL	7440020			0.00	0.01	0.08	0.11	0.05	0.00	0.00	0.00	0.00	0.00		
PHENOL	108952			0.00	0.00	0.00	0.01	0.00	0.00	2.21	1.83	1.00	1.00		
PHOSPHORUS	7723140			0.60	0.58	0.42	0.31	0.30	0.35	0.41	0.01	0.02	0.02		
TOLUENE	108883			0.12	0.38	0.16	0.04	0.09	0.02	0.04	0.00	0.00	0.06		
XYLENES (ISOMERS AND MIXTURE)	1330207	0.36	1.11	0.46	0.11	0.26	0.06	0.03	0.03	0.03	0.03				
US STEEL TOWER	15219	CHROMIUM	7440473								0.00	0.00			
		FORMALDEHYDE	50000						0.01	0.01	0.00	0.00			
		HEXANE	110543	0.00	0.11	0.11	0.12	0.14	0.14	0.14	0.12	0.12			
		NICKEL	7440020								0.00	0.00			
VA MEDICAL CENTER - ASPINWALL	15240	TOLUENE	108883								0.00	0.00			
		FORMALDEHYDE						0.00	0.00	0.00	0.00	0.00			
VA MEDICAL CENTER - HIGHLAND DR	15206	HEXANE	110543	0.00	0.03	0.04	0.11	0.14	0.06	0.08	0.06	0.00			
		BENZENE						0.00	0.00	0.00	0.00	0.00			
		FORMALDEHYDE						0.00	0.00	0.00	0.00	0.00			
		HEXANE	110543	0.00	0.12	0.09	0.10	0.05	0.09	0.10	0.09	0.00			
		METHANOL	67561	0.01	0.04	0.10	0.07	0.00	0.21	0.00	0.00	0.00			
		NICKEL	7440020						0.00						

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT C:

Estimated Point Source Emissions of
Hazardous Air Pollutants & Hydrogen Sulfide

COMPANY NAME	ZIP	HAZARDOUS AIR POLLUTANT	CAS#	2002	2005	2008	2009	2010	2011	2012	2013	2014
VA MEDICAL CENTER - OAKLAND	15240	BENZENE							0.00	0.00	0.00	0.00
		ETHYLENE OXIDE	75218	0.40	0.20	0.08	0.08	0.08	0.15	0.12	0.18	0.17
		FORMALDEHYDE	50000	1.10	1.50	1.70	1.54	1.63	0.65	0.00	0.00	0.00
		HEXANE	110543	0.00	0.08	0.10	0.09	0.10	0.10	0.12	0.12	0.11
		HYDROCHLORIC ACID	7647010	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHANOL	67561	0.18	0.10	0.55	0.48	1.90	0.10	0.23	0.18	0.34
		TOLUENE							0.00	0.00	0.00	0.00
		XYLENES (ISOMERS AND MIXTURE)	1330207	0.06	0.07	0.26	0.47	0.44	0.21	0.00	0.02	0.48
WALL COMPRESSOR STATION	15037	FORMALDEHYDE	50000	0.00	0.00	0.00	0.04	0.09	0.17	0.14	0.10	0.16
		HEXANE	110543	0.00	0.00	0.00	0.44	0.68	0.70	1.01	0.22	0.03
		NAPHTHALENE	91203	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WESTERN PENNSYLVANIA HOSPITAL	15224	BENZENE	71432					0.13	0.00	0.11	0.00	0.00
		FORMALDEHYDE	50000					0.13	0.00	0.11	0.00	0.00
		CADMIUM	7440439					0.13	0.00	0.11	0.00	0.00
		CHROMIUM	7440473					0.13	0.00	0.11	0.00	0.00
		HEXANE	110543					0.13	0.00	0.11	0.12	0.00
		NICKEL	7440020					0.13	0.00	0.11	0.00	0.00
		TOLUENE	108883					0.13	0.00	0.11	0.00	0.00
WHEMCO-STEEL CASTINGS, INC. (WEST HOMESTEAD)	15120	FORMALDEHYDE	50000						0.01	0.00	0.00	0.00
		HEXANE	110543	0.05	0.05	0.05	0.04	0.05	0.13	0.10	0.11	0.00
		TOLUENE	108883								0.00	0.00
GRAND TOTAL OF HAZARDOUS AIR POLLUTANTS (including Hydrogen Sulfide):				3017.04	2820.73	2020.61	2021.36	1579.06	1019.20	793.72	850.54	823.45

Attachment D
Total Point Source Emissions of
Ammonia

2014 ANNUAL EMISSIONS INVENTORY REPORT

ATTACHMENT D:

Total Point Source Emissions of
AMMONIA

CAS #	1999	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
7664417 (AMMONIA)	397.75	1562.00	1260.00	1531.00	1327.79	1221.41	1205.11	1500.59	958.63	985.26	520.58	311.55	376.44	351.08	442.16