

State of Delaware

Department of Natural
Resources and
Environmental Control

Division of Air Quality



*Annual
Title V Fee
Committee
Status
Report*

Calendar
Year
2023

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Introduction

Title V is an air pollution control permitting program, based in federal law, designed to standardize air quality permits and the permitting process for major sources of air emissions across the country. The name "Title V" comes from Title V of the 1990 Federal Clean Air Act (CAA) Amendments, which required that the U.S. Environmental Protection Agency (EPA) establish a national operating permit program. Accordingly, EPA adopted regulations [Title 40 of the Code of Federal Regulations, Chapter 1, Part 70 (Part 70)] which required states and local permitting authorities to develop and submit a federally enforceable operating permit program for EPA approval. As a result, the State of Delaware developed 7 DE Admin. Code 1130.

Section 502(b) of the 1990 CAA Amendments requires that all sources subject to the permitting requirements under Title V of the 1990 CAA Amendments pay an annual fee, sufficient to cover all reasonable (direct and indirect) costs required to develop and administer the permit program. These requirements were incorporated into 7 *Del. C.* Chapter 60, Subchapter VIII. These fees must be reviewed periodically (currently every three years) before the authorization expires to consider adjustments. In the State of Delaware, these annual fees are paid by both "Major Sources" (also called "Title V Facilities") and "Synthetic Minor Sources". EPA defines a Major Source as a facility that emits or has the potential to emit (PTE) any criteria pollutant or hazardous air pollutant (HAP) at levels equal to or greater than the Major Source Thresholds (MST). The MST for criteria pollutants may vary depending on the attainment status and non-attainment classification (e.g. moderate, serious, severe, extreme) of the geographic area in which the source is located. Sources may also elect to take voluntary limits to reduce their PTE to below the MST. These sources are called Synthetic Minor Sources.

The Title V revenue is intended to ensure a stable level of support for the technically complex activities undertaken by the Department of Natural Resources and Environmental Control (DNREC) to ensure both protection of human health and the environment with a reasonable level of service to customers seeking permits and other services. The activities provided by DNREC, supported wholly or in part by Title V fee revenue, are summarized under Program Activities and Accomplishments. These activities and the fees required to support this work are consistent with the EPA guidance for Title V programs. This report provides reasonable accountability for the activities and fees.

Title V Fee Committee

Delaware statute established the Title V Operating Permit Program Advisory Committee¹ (the Committee) and specified that the membership of the committee include certain types of facilities as well as members of the public and non-governmental organizations. The charter of the Committee is to assess whether the fees collected pursuant to 7 *Del. C.* Chapter 60,

¹ 7 *Del. C.* Chapter 60, Subchapter VIII § 6099 requires that the Committee "...include, but not be limited to, the Secretary of the Department of Natural Resources and Environmental Control, or the Secretary's duly appointed designee; the Director of the Division of Air Quality, or the Director's duly appointed designee; 2 members who will represent stationary sources; 1 to be a member of the Chemical Industry Council; a member of the Delaware State Chamber of Commerce; a member representing a public utility; 2 members of a nationally affiliated or state environmental advocacy group; and the chairpersons of the House and the Senate Natural Resource Committees."

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Subchapter VIII are adequate to ensure the effective implementation of the Title V Program and to make recommendations to remedy or improve any deficiencies or elements of the Title V Program.

The Committee has expanded its scope to include renegotiating the Title V fee structure prior to expiration, to ensure that the eligible financial needs of the Division of Air Quality (AQ) and other Title V requirements are being met while the payment burden is distributed fairly across the Major and Synthetic Minor Sources. Over the past several fee cycles, AQ, in coordination with the Committee, established revenue requirements based on Full Time Employee (FTE) staffing levels. The projected staffing levels and supporting salaries set the basis for the total Title V annual revenue for the subsequent three-year fee cycle. Once the revenue target is set, the Committee works with the Major and Synthetic Minor Sources to determine how the fees will be distributed fairly.

The Title V Fee Schedule for 2021-2023, which was supported by the Committee, was presented to the Delaware General Assembly through Senate Bill 249. It was passed by the Senate on June 23, 2020, passed by the House on June 25, 2020 and was signed by the Governor on August 6, 2020. The current legislation can be found in 7 *Del. C.* Chapter 60, Subchapter VIII and is available at: <http://delcode.delaware.gov/title7/c060/sc08/index.shtml>.

The Committee met in 2023 as follows:

- February 14, 2023: review and discuss next round of fee negotiations for 2024 through 2026.
- March 3, 2023: review and finalize fee structure for 2024 through 2026.
- September 27, 2023: review Annual Status Report for the Calendar Year 2022.

The materials from these meetings are available for review at:

<https://dnrec.alpha.delaware.gov/air/permitting/major-air-sources/title-v-committee/>

2023 Billing

The Title V invoices for Calendar Year (CY) 2023 were mailed in January 2023. Sources could choose to pay their bill in one payment or in quarterly payments. If the source chose to pay their bill in one payment, it was due 30-days after the invoice date. If the source chose to pay their bill in quarterly payments, the payments were due on March 31st and June 30th. If a source did not pay their bill, they were considered overdue and were sent three reminder letters. The third reminder letter was sent certified mail. A source was considered delinquent if their bill was not paid in full by June 30, 2023. All delinquent sources shall be subject to a 2% compounding monthly interest rate for each month delinquent. Furthermore, consistent with legislation, DNREC has the authority to revoke a permit on the basis of an unpaid annual fee.

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Overall Program Costs

Table 1 provides a summary breakdown of CY 2023 Title V Costs.

Table 1: CY 2023 Title V Costs

Salary	\$2,574,593.82
Travel	\$7,744.18
Contractual	\$183,554.55
Supplies	\$35,676.47
Capital Outlay	\$10,254.30
Additional Support Services	\$546,748.16
Total	\$3,358,571.48

Items covered under the “Contractual” category include: Fleet charges (vehicle rentals), building rent, utilities, vendor payments, temp services, and upkeep of some air monitoring equipment. Items covered under “Additional Support Services” include: Information Technology (\$21,705.57), the Environmental Crimes Unit (\$502,792.59), and Office of the Secretary Support (\$22,250.00).

While the state operates on a fiscal year basis (July 1 - June 30), the Title V fees are billed and spent on a CY basis. Consequently, some “Additional Support Services” costs, charged by other programs/organizations, may be expended outside of CY 2023 cost factors.

The 2023 Title V Monthly Expense and Revenue is presented in Appendix A.

Collected and Delinquent Fees

Title V fees are billed on a CY basis (January 1 through December 31) and the 2023 Title V revenue is determined by the actual monies deposited into the Title V account during CY 2023 only. The final revenue is impacted by interest gained on the Title V account, quarterly payments, and some early payments that may be received and deposited in December 2022 for 2023 fees. This makes comparing revenue and fees collected difficult.

For CY 2023, 47 Major Sources (Title V) and 69 Synthetic Minor Sources and were billed for a total of \$3,763,765.61, including previous years’ outstanding fees. Of the total amount billed, \$3,721,735.25 was received and \$42,030.36 is considered delinquent. The difference of \$42,030.36 was the result of two facilities non-payment of fees. This includes late fees assessed in 2023 (Table 2). Any outstanding fees that were not collected in 2023 will be counted towards the 2024 revenue. AQ began reporting on delinquent facilities in 2014.

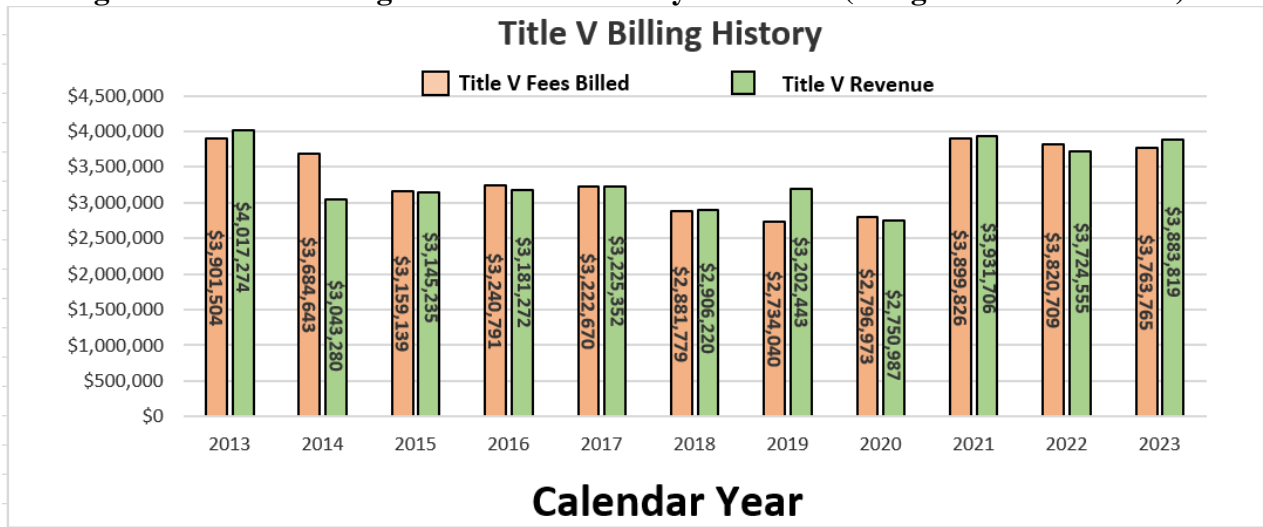
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Table 2: CY 2023 Delinquent Facilities

Source Name	Amount Due	Recovery Actions
Coker Concrete	\$29,066.16	Source did not pay a portion of 2022 and 2023 fees. Notified source of delinquency and late fee assessed due to delinquency. Payment expected as soon as possible.
Micropore Inc.	\$12,964.20	Source did not pay 2023 fees. Notified source of delinquency and late fee assessed due to delinquency. Payment received for 2023 fees and balance paid in full.
TOTAL	\$42,030.36	

The CY 2023 Title V revenue was \$3,883,819.00 (rounded sum of revenue and interest earned). See Figure 1 for a history of Title V billing and revenue since 2013.

Figure 1: Title V Billing and Revenue History 2013-2023 (using rounded amounts)



On December 31, 2023, the Title V cash carryover balance was \$4,836,897.00 (Table 3). Table 4 below shows the carryover balance history for 2023 and five prior years.

Table 3: Title V Carryover Balance CY 2023 (using rounded amounts)

	2023
2022 Carryover Cash Balance	\$4,311,649.00
2023 Title V Fee Revenue	\$3,883,819.00
Sub-Total	\$8,195,468.00
2023 Total Expenses	-\$3,358,571.00
2023 Actual Carryover Balance	\$4,836,897.00

Table 4: Title V Carryover Balance History by CY (using rounded amounts)

	2019	2020	2021	2022	2023
Total Title V Fee Revenue	\$3,202,443.00	\$2,750,987.00	\$3,931,707.00	\$3,724,555.00	\$3,883,819.00
Total Expenses	-\$3,247,684.00	-\$2,885,136.00	-\$2,853,809.00	-\$2,977,095.00	-\$3,358,571.00
Actual Carryover Balance	*\$2,793,092.00	\$2,658,942.00	\$3,736,840.00	\$4,311,649.00	\$4,836,897.00

*Corrected 2019 Carryover Balance

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As previously noted, the Title V revenue is determined by the actual monies deposited into the Title V account during a CY. The final revenue is impacted by interest gained on the Title V account, quarterly payments, and some early payments that may be received and deposited in one year for the next year’s fees.

Table 5 contains the projected carryover balance for the end of CY 2024. The 2024 revenue projection in the Table 5 is based upon the total amount of actual fees billed for 2024 including overdue fees from previous year billings. The 2024 total expenses projection is based upon a projected 2024 salary expenses with an average staffing level of 98%. For additional expense categories, the five-year averages plus an additional 2.5% cost of living expense for 2024 is used.

Table 5: CY 2024 Title V Carryover Balance Projection (using rounded amounts)

	2024 Projection
2023 Actual Carryover Balance	\$4,836,897.00
Estimated 2024 Title V Revenue	\$2,974,826.00
Estimated 2024 Total Expenses	-\$3,692,191.00
2024 Projected Carryover Balance	\$4,119,532.00

Fee Structure CY 2021-2023

As previously reported, the Title V Fee Schedule for CY 2021-2023 was presented to the Delaware General Assembly through Senate Bill 249. It was passed by the Senate on June 23, 2020, passed by the House on June 25, 2020, and signed by the Governor on August 6, 2020.

This legislation updated the fee assessments based on the work of the Committee and makes additional clarifying updates to the fee provisions. For 2021-2023, the total fee was comprised of a base fee, a user fee, and a program fee. Base fees are determined from the number of staff hours spent on the source’s permitting, compliance, and enforcement activities, while the user fee is determined from the source’s air emissions. The program fee was assessed based on the total base and user fees. Additionally, the fee credit program, implemented to reduce a prior fund balance, was allowed to sunset as scheduled on December 31, 2020.

The base and user fees categories and amounts remain the same (Table 6 and 7). The program fees were new in the 2020 legislation and are shown in Table 8.

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Table 6: CY 2021 through 2023 Title V Base Fee Schedule

Category	Category Description	Fee
A	Greater than 6,000 hours	\$277,020
B	5,001 to 6,000 hours	\$108,300
C	4,001 to 5,000 hours	\$93,480
D	3,001 to 4,000 hours	\$80,940
E	2,001 to 3,000 hours	\$57,000
F	1,501 to 2,000 hours	\$42,180
G	1,001 to 1,500 hours	\$28,500
H	667 to 1,000 hours	\$18,240
I	334 to 666 hours	\$9,120
J	0 to 333 hours	\$5,700

Table 7: CY 2021 through 2023 Title V User Fee Schedule

Category	Category Description	Fee
1	Greater than 2,000 tons	\$350,000
2	1,001 to 2,000 tons	\$100,000
3	501 to 1,000 tons	\$60,000
4	201 to 500 tons	\$28,000
5	101 to 200 tons	\$12,000
6	51 to 100 tons	\$9,000
7	26 to 50 tons	\$6,000
8	6 to 25 tons	\$4,100
9	0 to 5 tons	\$3,950

Table 8: CY 2021 through 2023 Title V Program Fee Schedule

Category	Total Base and User Fees	Fee
PF1	Total base and user fees greater than \$125,000	\$38,250
PF2	Total base and user fees \$100,000 - \$124,999	\$34,425
PF3	Total base and user fees \$50,000 - \$99,999	\$22,950
PF4	Total base and user fees \$25,000 - \$49,999	\$11,475
PF5	Total base and user fees \$15,000 - \$24,999	\$6,120
PF6	Total base and user fees \$10,000 - \$14,999	\$3,825
PF7	Total base and user fees < \$10,000	\$3,060

The data used to determine which category each source is billed to is available in Appendix B.

Staffing Levels

The Division's end of CY 2023 staffing level was 87% and 8 positions were vacant. Table 9 provides a breakdown of the staffing levels for the Sections and Groups within the Division.

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Table 9: AQ Staffing Levels (12/31/2023)

Section/Group	Authorized	Occupied	Staffing Level
Director's Staff	2	2	100%
Analytical Support Group	2	2	100%
Operations Support Group	4	4	100%
Engineering & Compliance Section	24	22	92%
Planning Section	30	24	80%
Total	62	54	87%
Temporary Positions	2.0	0.0	0%
Seasonal Positions	2.0	1.0	50%

During CY 2023, positions were reclassified and redistributed across the Division. Additionally, five full-time employees separated, and twelve full-time employees were hired. AQ received three additional authorized positions under the planning section in the Fiscal Year 2024 budget. Two of these positions were approved for hire by the Department of Human Resources prior to the end of the CY. All three positions are funded under grants and general funds. At the end of 2023 the Division's authorizations were increased from 60 to 62 full time positions.

Table 10 contains a list of hiring actions taken in CY 2023.

Table 10: CY 2023 Hiring Actions

Date	Name	Source	Position	Section	Funding
1/1/2023	Mandula Borijingin	External	Environmental Scientist II	Planning	Grant / TV
1/17/2023	Rick Drazich	External	Engineer IV	E/C*	TV
1/30/2023	Paul Kaznica	External	Environmental Scientist II	Planning	Grant/TV
2/13/2023	Fatmaelzahraa Abdelmola	External	Engineer II	E/C	Grant / TV
2/27/2023	Olayiwola Okesola	External	Eng. Program Manager I	E/C	Grant / TV
3/13/23	Mia White	External	Administrative Specialist II	E/C	Grant / TV
4/24/23	Deanna Cuccinello	Internal	Env. Program Manger II	Planning	Grant
4/24/23	Yagna Shah	External	Engineer I	Planning	Grant
5/8/23	Ramy Hassan	External	Engineer II	E/C	Grant / TV
7/17/23	Monica Dibartolomeo	External	Environmental Scientist II	Planning	Grant / TV
7/31/23	David Potter	External	Eng. Program Manager I	E/C	Grant / TV
8/28/23	Sae Gunjal	External	Engineer I	Planning	Grant / TV
9/11/23	Kevin Kahover	External	Environmental Scientist II	ASG	Grant/ TV
9/24/23	Taylor Englert	Internal	Engineer III	Planning	Grant

*E/C = Engineering and Compliance

The AQ organizational chart, dated December 31, 2023, is included as Appendix C.

Title V Program Activities and Accomplishments

Permitting Activities

AQ's Engineering and Compliance Section is responsible for all permitting activities at Major Source (Title V) and Synthetic Minor Sources. In CY 2023, the following permitting activities were accomplished:

- 7 Title V Permit Renewals were issued;
- 1 Title V Significant Permit Amendment was issued;
- 7 Title V Administrative Amendments were issued; and
- 10 Synthetic Minor Permit Amendments were issued.

No new Title V Permits, Title V Minor Permit Modifications or new Synthetic Minor permits were issued in CY 2023.

AQ is required to issue Title V Renewal Permits within 18 months (547 days) of determination of receipt of a complete application as defined by 7 DE Admin. Code 1130 (<http://regulations.delaware.gov/AdminCode/title7/1000/1100/1130.shtml#TopOfPage>). In CY 2023, AQ, on average, issued Title V Permit Renewals in 457 days of complete application receipt. AQ continues to issue permits that have been extended past their initial expiration date.

As part of the Value Stream Mapping efforts for the Synthetic Minor permitting program, AQ has committed to issuing Synthetic Minor permits and amendments within 120 days of receiving a complete application. In CY 2023, AQ, on average, issued Synthetic Minor Permit Amendments in 118 days of complete application receipt.

Compliance Activities

AQ's Engineering and Compliance Section is also responsible for all compliance activities at Major Source (Title V) and Synthetic Minor Sources. Compliance activities include on-site compliance evaluations or inspections, stack tests, and report reviews. In CY 2023, the following compliance activities were accomplished:

- 30 on-site compliance evaluations were conducted at Title V sources;
- 186 stack tests were conducted at Title V sources;
- 267 report reviews were conducted for Title V sources;
- 19 on-site compliance evaluations were conducted at Synthetic Minor sources;
- 24 stack tests were conducted at Synthetic Minor sources; and
- 18 report reviews were conducted for Synthetic Minor sources.

Enforcement Activities

If the compliance activities described above indicate that a source is not in compliance with requirements, AQ's Engineering and Compliance Section will pursue appropriate enforcement

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action against that source. In CY 2023, the following enforcement activities were completed (excluding pending enforcement activities):

- 10 Notices of Violation were issued to Title V sources;
- 4 Settlement Agreements were issued to Title V sources;
- 5 Notices of Violation were issued to Synthetic Minor sources;
- 3 Administrative Orders were issued to Synthetic Minor sources; and
- 1 Settlement Agreement was issued to a Synthetic Minor sources.

No Administrative Orders were issued to a Title V source in CY 2023. Additionally, no consent decrees or stipulated penalty demand letters were issued in CY 2023.

Planning Activities

AQ's Planning Section is responsible for a variety of activities which include making updates to State Implementation Plans (SIPs), regulatory development, and interaction with EPA to address litigation and new regulatory requirements. The Planning Section also includes several groups including the Mobile Sources Group, the Emissions Inventory Group, the Ambient Monitoring Group.

In CY 2023, the following SIP activities were accomplished:

- Submitted Delaware's second Regional Haze SIP on August 8, 2022. Received EPA's completeness letter on August 18, 2022. Worked to address EPA's comments regarding the submittal of Calpine permits to the SIP.
- Continued development of Delaware's second 10-year Maintenance SIP for Fine Particulate Matter (PM_{2.5}). A public hearing was held January 23, 2024;
- Completed development of the 2015 Ozone Moderate Non-Attainment Plan and I/M Performance Standard Certification. A public hearing was held November 28, 2023; and
- Continued dialogue with EPA Region III staff on the remedy for four regulations with respect to Start up, Shutdown, and Malfunction (SSM) provisions - 7 DE Admin. Code 1104, 1105, 1109 and 1114.

In CY 2023, the following Regulatory Development activities were accomplished:

- Submitted administrative amendments to EPA Region III for 7 DE Admin. Code 1102 and 1103;
- Submitted amendments to 7 DE Admin. Code 1126 and 1131 - Motor Vehicle Inspection Programs for Sussex, Kent and New Castle Counties to EPA for inclusion in Delaware's State Implementation Plan; and
- Completed amendments to 7 DE Admin. Code 1140 - Delaware's Low Emission Vehicle Program to update the incorporation by reference to reflect the amendments California completed August 2022. A public hearing was held April 26, 2023 and amendments were adopted on December 1, 2023.

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In CY 2023, the following Mobile Source activities were accomplished:

- Participated on Metropolitan Planning Organizations (WILMAPCO and Dover/Kent MPO) Technical Advisory Committee meetings;
- Met with the Transportation Conformity Inter-Agency Consultation Workgroup to discuss SIP planning for PM_{2.5} and Ozone Attainment;
- Participated in Vehicle Inspection and Maintenance Activities;
- Participated on the Clean Air Council Delaware Diesel Difference and on the Delaware Clean Air Council; and
- Conducted the annual vehicle remote sensing study to provide data to 1) evaluate the effectiveness of Delaware’s vehicle inspection and maintenance program, and 2) develop strategies to further reduce mobile source emissions.

In CY 2023, the following activities related to litigation were accomplished:

- Continued work with the Delaware Attorney General regarding the U.S. Court of Appeals for the District of Columbia’s ruling for EPA’s exemption for Reciprocating Internal Combustion Engine (RICE) engines: 50-hour exemption from air pollution control requirements for RICE engines that participate in demand response programs;
- Continued to work with the EPA and other states and organizations to address and mitigate the impact of upwind emissions on Delaware’s ozone air quality problems;

In CY 2023, the following comment letters were submitted to EPA:

- January 27, 2023 - Proposed “National Ambient Air Quality Standard (NAAQS) rule for particulate matter (PM)” (88 FR 5558);
- March 23, 2023 - “Draft Guidance on the Preparation of State Implementation Plan Provisions That Address the Nonattainment Area Contingency Measure Requirements for Ozone and Particulate Matter” (88 FR 17571);
- June 21, 2023 - Proposed “Air Plan Disapproval; Delaware; Removal of Excess Emissions Provisions” (SSM Disapproval) (88 FR 40136);
- June 26, 2023 - Proposed “National Emission Standards for Hazardous Air Pollutants: Reciprocating Internal Combustion Engines and New Source Performance Standards: Internal Combustion Engines; Electronic Reporting” (88 FR 41361); and
- August 9, 2023 - Proposed “Revisions to the Air Emissions Reporting Requirements” (88 FR 54118).

Emission Inventory Activities

The Emission Inventory Group is part of AQ’s Planning Section. The Emission Inventory Group is charged with preparing all necessary inventories of emissions from all sources of air pollution in the State, including stationary sources, area sources, and mobile sources. The information gathered by the Emission Inventory Group is used in many of the planning activities described above. The information collected includes annual emissions of criteria air pollutants, air toxics, and greenhouse gases.

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In CY 2023 the following Title V related Emission Inventory activities were accomplished:

- Performed a technical review of a subset of the 2021 point source emissions inventory that EPA identified as requiring further review;
- Participated in EPA's technical review of 2021 point source hazardous air pollutant emissions data, which contributed to the compilation of the 2021 National Emissions Inventory and will support the development of the 2021 update to AirToxScreen;
- Contacted all permitted sources required to report a 2022 emissions inventory by April 30, 2023;
- Managed the on-line emissions reporting application and provided guidance to source representatives during the reporting process;
- Facilitated the collection of 2022 point source emissions inventory reports from 48 Major sources;
- Performed a technical review of the emissions data submitted by sources for completeness and accuracy;
- Submitted 2022 point source emissions inventory data to EPA's Emissions Inventory System; and
- Developed 2023 projected point source emissions inventory for the 2015 Ozone Moderate Non-Attainment Plan.

Ambient Air Monitoring Activities

The Ambient Monitoring Section is part of AQ's Planning Section. They are responsible for collecting ambient air data throughout the State of Delaware. This data is in support of AQ's commitment to Delaware to provide a healthy environment for every person independent of their economic or social status. The Ambient Monitoring Team is dedicated to analyzing the ambient air criteria pollutants as specified in the NAAQS, measuring particle pollutants and sampling select air toxic pollutant reliably and with the highest possible quality. Special studies are also developed when monitoring indicates there may be issues of concern.

In CY 2023, the following Ambient Air Monitoring activities were accomplished:

- Replaced two aging ambient monitoring shelters to address risks to site operators and instruments;
- Deployed 1 new continuous PM_{2.5} monitor to continue to improve particle pollutant monitoring data quality and data capture;
- Continued to develop the State's Photochemical Assessment Monitoring Site (PAMS) to ensure participation in the 2023 PAMS season
- Deployed new dynamic gas dilution calibrator at the State's National Core Network (NCore) site to modernize existing equipment;
- Upgraded one existing ozone analyzer in New Castle county to pilot a modernized version of the existing ozone analyzers deployed around Delaware;
- Upgraded two zero air generators to ensure precision and accuracy of criteria pollutant analyzer calibrations;
- Submitted, the annual air monitoring network plan to the EPA, in accordance with 40 CFR §58.10(a);

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- Received the America Rescue Plan (ARP) Direct grant award which provides supplemental funding for the purchase of replacement PM_{2.5} and SO₂ monitoring equipment. Received monitoring equipment and deployed to the field. Grant closed 12/31/2023.
- Received the Inflation Reduction Act (IRA) Supplemental grant award which provides supplemental funding for purchase of various monitoring equipment and support for data validation.

Small Business Ombudsman Activities

The Small Business Assistance Program (SBAP) within DNREC is a free service available to all new and existing small businesses located in the State of Delaware. The SBAP assists small businesses in understanding the environmental requirements that apply to them and how to comply in the most effective way. The SBAP is a non-regulatory program. The SBAP was created through the CAA Amendments of 1990. The SBAP is comprised of one staff member, the Small Business Ombudsman (SBO), who manages the SBAP.

The SBO provides the following services:

- Serves as initial contact within DNREC for small businesses;
- Provides specific information for small businesses detailing how to comply with environmental regulations specific to their industry;
- Helps small businesses fill out permit applications, forms and other required paperwork;
- Keeps informed of developing regulations and current issues impacting small businesses and shares that information with small businesses through workshops, newsletters, trade association meetings, mailings, websites, or other methods;
- Provides feedback to AQ from small businesses;
- Helps resolve permitting and compliance disputes; and
- Coordinates the Regulatory Advisory Service (RAS).

The SBO serves on the following committees:

- Title V Fee Committee;
- Title V Training Subcommittee;
- AQ's Envirothon Project Team; and
- Delaware Envirothon planning committee.

The SBO also serves as the Department's Registrar of Regulations and is responsible for coordinating with the State Office of the Registrar of Regulations.

In CY 2023 the following activities were accomplished by the SBO:

- Assisted seven businesses through the RAS and held virtual meetings to discuss permitting and regulatory requirements for those businesses;
- Provided permit and compliance assistance to 41 entities;

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- Communicated with representatives of local chambers of commerce, trade associations, the Delaware Prosperity Partnership, and the Delaware Division of Small Business;
- Assisted AQ staff with a letter campaign to local municipalities asking their assistance in reminding those seeking demolition and/or renovation permits of asbestos inspection and notification requirements;
- One Start Action Notice approved;
- Submitted one proposed, four final and 1 general notice regulation to the State Registrar's office for publication in the Monthly Register of Regulations; and
- Participated outreach events including "The *County is Open for Business*", the Delaware Small Business Chamber Business 2.0 events, and Delaware Envirothon (serving as co-chair).

Other Special Accomplishments and Projects

AQ continued to conduct business and meet our responsibilities. Staff have returned to the office with some staff working hybrid schedules. Staff at State Street Commons (SSC) office repopulated in May 2023, with nominal repairs continuing. AQ participated in many special projects, which may or may not be Title V related, however, the results of these projects often impact Title V activities.

In CY 2023, the following management and administrative activities were accomplished:

- Itemized statements of hours were developed in 2021. Each source received their hours in their Title V bill in 2023;
- Title V fee negotiations began in late 2022. This included one fee negotiation meeting with stakeholders, with additional meetings in 2023. The Title V fee bill was successfully passed into legislation in June 2023; and
- Continued outreach to communicate our plans and work with members of the General Assembly explaining the importance of establishing a sustainable Natural Minor Fee program.

In CY 2023, the following staff enhancement activities were accomplished:

- Worked with the Mid-Atlantic Regional Air Management Association (MARAMA) and OTC to ensure newly hired staff receive the training they need; and
- Participated in several environmental justice training seminars.

In CY 2023, the following outreach activities were accomplished:

- Delaware Envirothon Gold Sponsor and participation in the event.
- World Environment Day, promoting awareness of the Air Quality Index (AQI).
- Delaware State Fair, providing information to the public regarding the AQI, anti-idling regulations and answering general air quality questions.
- Coast Day at the University of Delaware's Lewes Delaware campus, providing the public with information regarding the AQI and fielding general air quality questions.
- Continuation of participate in the Route 9 Monitoring and Health Committees; and

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- Participation in the steering committee for the Community Air Monitoring Network (CAMN). This group is designing and funding projects to educate and empower communities to collect and interact with air monitoring data.

AQ works with Sonoma Technologies, Inc. to produce and publicize daily ozone forecasts from May 1 through September 30 annually. The forecasts are posted on DNREC's website (de.gov/aqi) and are also available on EPA's AirNow.gov website. When the forecast predicts poor air quality, including an exceedance of a NAAQS, AQ will issue an email notice of the forecast using an opt-in listserv. In 2023 Delaware experienced several incidents of poor air quality due to transport of wildfire smoke from fires in Canada and New Jersey. The wildfire smoke caused high levels of PM throughout the state and as well as high ozone. AQ expanded our contract with Somona (using enforcement funds) to include PM forecasts as well as ozone forecasts. During the periods of smoke transport, AQ increased direct communication with agencies throughout Delaware, utilized social media, and spoke directly with media outlets to share information about the air quality.

Department Electronic Content Management (ECM) Activities

DNREC is currently undertaking several projects that comprise its overall ECM Initiative. These include an electronic document management system, called DNREctory, and e-Permitting. In 2023, AQ staff continued to work on improvements to the DNREctory system and continued to upload additional historic documents into the system.

AQ continues to work with the Department of Technology and Information (DTI) and their outside vendor on the e-Permitting project. Current projects include Area Sources and Regulation 1102 permitting, which deployed in 2023. Future phases of the project will include all 1102 (Natural Minor) permitting as well as Title V and Synthetic Minor source permitting.

Operations Support Group

AQ's Operations Support Group (OSG) is responsible for the general oversight of maintenance at SSC and Grantham Lane facilities. The SSC facility is a leased facility and all maintenance and repairs are conducted by and coordinated with the owner of that building whereas, the Grantham Lane facility is a state-owned property and all maintenance and repairs are conducted by and coordinated with the State of Delaware's Division of Facilities Management (DFM) personnel. It is OSG's responsibility to contact DFM when repairs at the Grantham Lane property are needed.

In CY 2023 the following OSG activities were accomplished:

- Continued office utilization as appropriate as conditions changed throughout 2023. This included facility repairs for the SSC facility;
- Facilitated routing of SSC telephone calls, faxes, and mail as appropriate to the Grantham Lane or Richardson & Robbins (R&R) offices;
- Continued to maintain hand-free sanitizer stations and portable hepa air purifiers at the SSC and Grantham Lane facilities;

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- Coordinated daily cleaning services at the SSC and Grantham Lane offices to maintain a safe environment for employees and the public;
- Continued work on an updated Sharepoint site which will include upgraded features and easier accessibility for staff;
- Hosted a four-day MARAMA training in August 2023 at the Carvel Building in Wilmington. Attendees included AQ staff and regulatory staff from other State agencies; and
- Assisted Human Resources (HR) with a new roll-out of classes to be offered through the Delaware Learning Center (DLC) for AQ staff. This process also included integrating external training opportunities through EPA and MARAMA into the learning queue.

Conclusion

Section 502(b)(3) of the CAA requires that the permitting authority has an adequate, dedicated, and permanent funding stream to develop, implement, and enforce the Title V program. All of the activities in Delaware that are supported by Title V funds are consistent with EPA guidance for Title V programs. The air monitoring, state implementation planning, regulatory development and source permitting, compliance and enforcement work for Major and Synthetic Minor sources that are supported by Title V funds are essential to the continued maintenance and improvement of Delaware's air quality.

This report provides information about the Title V Program financial management to demonstrate the stability of the program. This report documents activities and accomplishments that took place throughout the Department during CY 2023.

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Appendix A: 2023 Title V Monthly Expense and Revenue

Contractual Costs include the Additional Support Services cost from Table 1.

Table 11: 2023 Title V Account Expenses & Revenue								
MONTH	EXPENSES						INTEREST	REVENUE
	Salary	Energy	Travel	Contractual	Supplies	Capital Outlay		
January	\$149,873.12	\$0.00	\$0.00	\$16,187.59	\$4,332.44	\$0.00	\$0.00	\$250.00
February	\$174,784.27	\$0.00	\$0.00	\$555,166.39	\$457.52	\$10,254.30	\$0.00	\$1,588,642.05
March	\$198,827.98	\$0.00	\$922.19	\$2,995.55	\$16,692.23	\$0.00	\$5,752.94	\$796,420.00
April	\$270,556.29	\$0.00	-\$224.08	\$1,700.92	\$2,931.67	\$0.00	\$12,555.69	\$751,069.00
May	\$224,710.18	\$0.00	\$8,152.14	\$17,670.02	\$2,252.63	\$0.00	\$12,643.32	\$339,610.00
June	\$209,163.29	\$0.00	-\$2,384.93	\$35,886.84	\$1,453.19	\$0.00	\$15,606.90	\$2,899.98
July	\$189,052.58	\$0.00	\$0.00	\$5,446.94	\$546.84	\$0.00	\$0.00	\$17,045.00
August	\$201,983.50	\$0.00	\$404.89	\$5,475.23	\$1,557.30	\$0.00	\$39,946.04	\$198,029.20
September	\$221,798.31	\$0.00	\$169.47	\$23,514.42	\$4,386.00	\$0.00	\$15,107.31	\$17,045.00
October	\$211,458.89	\$0.00	\$3.00	\$12,857.30	\$0.00	\$0.00	\$8,691.82	\$29,755.00
November	\$209,625.83	\$0.00	\$701.50	\$47,616.80	\$1,066.65	\$0.00	\$1,860.06	\$12,964.20
December	\$312,759.58	\$0.00	\$0.00	\$5,784.71	\$0.00	\$0.00	\$17,925.08	\$0.00
2023 Totals	\$2,574,593.82	\$0.00	\$7,744.18	\$730,302.71	\$35,676.47	\$10,254.30	\$130,089.16	\$3,753,729.43
2023 Total Expenses	\$3,358,571.48							

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Appendix B: Facility Hours and Emissions History:

As the program transitions to the 2021-2023 fee cycle, we provide the most current applicable hours and emissions data for each facility billed in 2023. Expanded reporting details for CY 2023 are available upon request.

Facility ID #	Company Name	Class	2023 Hours	2022 Hours	2021 Hours	2020 Hours	2019 Hours	Total CY 2019-2023	2017 NO _x (TPY)	2017 PM ₁₀ (TPY)	2017 SO ₂ (TPY)	2017 VOC (TPY)	2017 Total
1000300049	1007 Market St. Condominium Association	TV	121.50	69.00	15.50	47.50	50.00	303.50	5.698	0.030	0.034	0.313	6.07
1000300463	Advanced Pavement Group, LLC.	SM	0.50	1.75	36.00	137.50	29.50	205.25	2.770	0.366	0.133	0.121	3.39
1000300073	Aearo Technologies LLC	TV	283.00	304.00	211.50	131.00	27.50	957.00	0.368	0.004	0.002	4.579	4.95
1000300131	Alfred I DuPont Hospital For Children	TV	172.50	12.50	319.50	78.00	9.50	592.00	17.808	0.428	0.373	0.902	19.51
1000300933	Allan Myers DE, Inc. Wilmington	SM	47.50	291.00	57.75	18.75	51.00	466.00	2.059	1.878	0.271	1.214	5.42
1000100006	Allan Myers, Delaware, Inc - Dover	SM	47.00	3.50	2.50	38.00	23.75	114.75	2.072	2.009	0.294	2.590	6.97
1000500130	Allan Myers, Delaware, Inc - Georgetown	SM	10.00	9.00	7.50	313.25	118.25	458.00	1.488	1.339	0.195	1.831	4.85
1000300924	Amazon.Com	SM	1.50	17.50	3.00	11.00	62.50	95.50	0.000	1.090	0.000	0.000	1.09
1000100247	Ameresco Delaware Energy - Sandtown	TV	349.00	84.50	139.25	250.00	238.25	1061.00	31.240	10.890	4.670	69.170	115.97
1000500258	Ameresco Delaware Energy - Southern	TV	188.50	202.00	238.00	518.25	476.50	1623.25	28.540	8.420	24.720	52.840	114.52
1000300785	American Air Liquide-Glasgow	SM	127.50	26.50	52.00	54.00	40.00	300.00	0.442	0.003	0.003	0.617	1.07
1000300023	Amtrak Wilmington Maintenance Facility	TV	103.25	13.75	91.50	154.75	99.25	462.50	0.000	0.005	0.000	1.394	1.40
1000300017	Ashland Specialty Ingredients G. P.	SM	2.00	18.00	3.00	5.00	129.00	157.00	1.893	0.081	0.061	0.898	2.93
1000300107	AstraZeneca Pharmaceuticals, LLC-Newark	SM	54.00	6.00	47.00	61.00	9.00	177.00	5.677	0.059	0.061	0.351	6.15
1000300599	Bank of America-Christiana Center.	SM	180.00	7.00	116.25	1.25	0.75	305.25	0.300	0.005	0.000	0.009	0.32
1000300277	Bank of America - Bracebridge Corporation - Deerfield	SM	9.75	7.50	53.75	4.25	54.25	129.50	1.154	0.023	0.007	0.042	1.23
1000100026	Bayhealth Medical Center-Kent General Hospital	SM	80.00	50.50	52.00	55.00	26.00	263.50	4.763	0.108	0.110	3.438	8.42
1000300291	Buckeye Terminals - Wilmington Site	TV	148.50	266.25	46.00	173.00	66.50	700.25	4.136	0.451	0.041	47.640	52.27
1000300317	Calpine Mid-Atlantic Generation-Christiana Energy Ctr.	TV	87.75	103.25	40.75	69.00	151.00	451.75	0.831	0.146	0.084	0.001	1.06
1000300005	Calpine Mid-Atlantic Generation-Del City Energy Ctr.	TV	216.75	38.50	37.50	65.50	112.50	470.75	0.550	0.073	0.027	0.000	0.65
1000300007	Calpine Mid-Atlantic Generation-Edge Moor	TV	259.75	328.00	149.25	170.00	225.25	1132.25	96.927	3.743	46.117	8.220	155.01
1000300388	Calpine Mid-Atlantic Generation-Hay Road	TV	187.50	48.25	209.00	132.00	400.50	977.25	498.000	72.389	8.900	29.709	609.00
1000300006	Calpine Mid-Atlantic Generation-West Energy Center	TV	147.00	50.75	38.50	85.75	108.00	430.00	0.480	0.075	0.098	0.001	0.65
	Totals					Reflected Billing Hours			Reflects Permitted Emission Values				

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Facility ID #	Company Name	Class	2023 Hours	2022 Hours	2021 Hours	2020 Hours	2019 Hours	Total CY 2019-2023	2017 NO _x (TPY)	2017 PM ₁₀ (TPY)	2017 SO ₂ (TPY)	2017 VOC (TPY)	2017 Total	
1000300600	CCI-Bracebridge I, LP	SM	6.75	49.25	222.50	118.50	50.00	447.00	2.005	0.023	0.006	0.085	2.12	
1000300080	Christiana Care Health Services - Christiana Hospital	TV	388.00	199.50	665.00	232.00	193.50	1678.00	15.187	0.104	0.126	4.235	19.65	
1000300024	Christiana Care Health Services - Wilmington Hospital	SM	28.75	108.25	46.25	69.00	172.25	424.50	6.560	0.073	0.075	0.711	7.42	
1000300068	Christiana Materials, LLC	SM	74.25	259.50	2.50	22.00	35.00	393.25	3.636	5.061	0.557	1.692	10.94	
1000100263	Christiana Materials - Farmington	SM	9.50	0.00	0.00	0.00	40.00	49.50	4.68	5.00	1.29	4.80	15.77	
1000100076	City Of Dover-Van Sant Generating Sta	TV	77.50	161.25	235.50	248.75	175.75	898.75	3.415	0.010	0.015	0.063	3.50	
1000300867	Clarios	TV	126.50	131.75	44.00	170.50	0.00	472.75	0.000	0.000	0.000	0.000	0.00	
1000300290	Clean Earth Of New Castle Inc	TV	17.25	76.00	300.50	177.50	33.25	604.50	5.938	0.116	9.326	0.961	16.34	
1000100219	Coastal Coatings Inc - Dover	SM	5.50	5.00	4.00	0.00	0.00	14.50	0.000	0.000	0.000	3.590	3.59	
1077700162	Coker Concrete Roving Crusher	SM	0.75	1.75	9.75	51.50	10.50	74.25	0.347	0.063	0.059	0.048	0.52	
1000300003	Color & Effects USA LLC. - Newport (BASF)	TV	327.25	260.75	97.25	415.50	795.00	1895.75	17.356	1.265	0.248	22.154	41.02	
1000300126	CRISP Partners LLC. (fmr. DuPont Chestnut Run)	TV	185.00	286.75	41.75	115.75	204.50	833.75	9.060	0.066	0.076	0.796	10.00	
1000300066	Contractors Materials LLC - Heald Street	SM	3.00	35.00	217.50	53.00	37.75	346.25	2.119	2.935	0.261	2.634	7.95	
1077700800	Corrado Construction Co LLC	SM	2.50	0.00	9.00	0.50	0.00	12.00	0.000	0.000	0.000	0.000	0.00	
1000300058	Croda, Inc	TV	1478.75	1105.00	1625.75	1150.00	806.75	6166.25	17.818	1.380	0.696	9.073	28.97	
1000300351	Dana Railcare	SM	187.50	3.50	0.50	29.00	39.00	259.50	0.143	0.019	0.014	0.205	0.38	
1000300963	Datwyler Pharma Packaging, USA Inc.	SM	139.25	407.00	333.25	0.00	0.00	879.50	0.702	0.115	0.004	0.649	1.47	
1000300016	Delaware City Refining Co-Delaware City	TV	2610.5	2532.5	3054.25	3521.75	3220.50	14939.50	1455.601	395.299	370.080	341.105	2562.08	
1000300404	Delaware City Refining Co-Marketing Terminal	TV	43.50	37.25	114.25	43.25	29.00	267.25	0.119	0.013	0.001	22.698	22.83	
1000100005	Delaware Hospital For The Chronically II	SM	31.50	0.00	3.00	11.75	168.00	214.25	2.139	0.038	0.037	0.117	2.33	
1000300827	Delaware Park Horse Racing Track	SM	14.50	54.50	1.00	0.00	72.00	142.00	0.216	0.034	0.098	0.079	0.43	
1000300415	Delaware Recyclable Products, Inc	SM	246.00	365.25	556.25	224.50	224.25	1616.25	4.840	9.224	25.406	4.000	43.47	
1000300111	Delaware Solid Waste Authority, Cherry Island	TV	639.25	284.50	163.75	212.50	120.00	1420.00	13.316	3.665	12.660	4.457	34.10	
1000100068	Delaware Solid Waste Authority, Sandtown	TV	126.50	128.00	93.50	49.50	109.75	507.25	1.060	0.306	0.604	9.424	11.39	
1000500099	Delaware Solid Waste Authority, Southern	TV	109.75	245.00	180.00	196.00	492.00	1222.75	0.593	0.021	0.456	7.812	8.88	
1000100066	Delaware State University	TV	112.00	119.25	176.00	93.50	44.00	544.75	4.130	0.094	0.374	0.212	4.81	
Totals			Reflected Billing Hours						Reflects Permitted Emission Values					

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1000300077	Dept Of Veterans Affairs Medical Center	TV	115.50	9.75	101.00	194.00	131.25	551.50	2.166	0.019	0.029	0.161	2.38	
1000300069	Diamond Materials, LLC	SM	0.50	101.00	100.50	103.00	202.50	507.50	2.102	6.043	0.568	1.497	10.21	
1000300001	DHSS - Herman Holloway Campus	SM	22.50	0.00	27.00	97.50	102.50	249.50	2.24	0.17	0.01	0.12	2.54	
1077700233	Diamond Materials LLC - Roving Crusher	SM	24.00	0.00	0.00	1.00	13.00	38.00	0.72	0.16	0.22	0.04	1.14	
1000100001	Dover Air Force Base	TV	358.50	292.00	277.50	103.25	271.00	1302.25	15.593	0.534	0.423	13.673	30.22	
1000100118	Dover Downs Gaming & Entertainment, Inc	SM	72.75	42.25	9.50	73.00	218.50	416.00	0.204	0.014	0.013	0.011	0.24	
1000300011	DuPont Experimental Station	TV	513.75	310.75	314.25	298.50	523.25	1960.50	54.961	0.321	0.366	9.131	64.78	
1000300051	IFF - DuPont Nutrition USA, Inc.	TV	119.25	737.75	441.00	1087.50	337.00	2722.50	21.426	12.674	0.180	2.549	36.83	
1000300506	DXC Technology Services, LLC	SM	8.50	15.25	2.00	0.00	5.75	31.50	0.621	0.044	0.041	0.033	0.74	
1000300462	Eastern Shore Natural Gas-Delaware City	SM	8.25	75.50	241.75	67.00	71.50	464.00	6.288	0.171	0.009	3.320	9.79	
1000500194	Eastern Shore Natural Gas - Bridgeville	SM	38.75	14.00	167.75	16.00	26.50	263.00	4.532	0.059	0.002	0.390	4.98	
1000100127	Energy Center Dover, LLC	TV	206.50	167.75	134.00	259.50	442.00	1209.75	9.893	1.768	0.241	1.594	13.50	
1000300279	FMC Corporation Stine-Haskell Research Ctr.	TV	129.00	127.00	176.75	217.50	108.50	758.75	8.832	0.056	0.064	2.529	11.48	
1000100245	Garrison Energy Center	TV	374.00	97.00	118.00	323.50	279.75	1192.25	43.870	31.170	3.700	1.585	80.33	
1000300498	GE Energy - Newark, DE	SM	80.25	34.00	179.25	31.00	20.50	345.00	0.055	0.045	0.000	3.131	3.23	
1000300622	GT USA Wilmington, LLC - Cranes	TV	336.00	377.50	549.00	285.75	0.00	1548.25	85.26	9.40	0.42	24.08	119.16	
1000100099	HandyTube Corporation	TV	230.75	27.75	44.75	61.25	164.00	528.50	0.464	0.002	0.003	1.469	1.94	
1000100024	Hanover Foods Corporation	SM	40.50	14.00	28.50	97.50	82.00	262.50	3.131	0.020	0.019	0.170	3.34	
1000300934	Holland Mulch, Inc	SM	6.25	56.50	44.25	0.00	26.00	133.00	9.84	1.40	0.008	0.00	11.25	
1000300508	Howard R. Young Correctional Institution	SM	2.00	0.00	8.00	4.00	80.50	94.50	1.329	0.037	0.036	0.072	1.47	
1000100011	ILC Dover, LP - Frederica	SM	100.00	7.00	52.50	136.00	11.50	307.00	0.000	0.000	0.000	3.907	3.91	
1000500001	Indian River Power LLC	TV	250.25	191.75	207.50	516.00	502.00	1667.50	163.110	60.698	474.581	6.480	704.87	
1000300090	James T Vaughn Correctional Center - Smyrna	SM	63.00	12.00	2.00	107.00	171.25	355.25	5.146	0.081	0.080	1.047	6.35	
1000300686	JP Morgan Chase - 4001 Governor Printz Blvd	SM	81.00	38.00	8.50	2.50	2.00	132.00	5.840	0.300	0.110	1.490	7.74	
Totals			Reflected Billing Hours					Reflects Permitted Emission Values						

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1000300687	JP Morgan Chase - Bear Christiana Road	SM	22.00	266.25	139.50	17.50	18.00	463.25	6.800	0.260	0.081	0.900	8.04	
1000300804	JP Morgan Chase - Morgan Christiana Center	SM	39.00	42.50	22.50	7.50	0.00	111.50	6.480	0.100	0.190	0.130	6.90	
1000500066	Justin Tanks, LLC	TV	33.75	41.00	155.50	111.00	149.50	490.75	0.119	0.011	0.001	4.491	4.62	
1000100007	Kraft Heinz Foods Inc	SM	324.25	32.00	102.50	0.00	0.00	458.75	1.525	1.445	0.022	1.103	4.10	
1000300115	Kuehne Chemical Company	TV	277.00	130.00	205.25	133.50	184.50	930.25	1.541	0.003	0.005	0.031	1.58	
1000300782	Liveo Research Inc	SM	120.00	126.00	62.00	261.25	145.25	714.50	1.818	1.124	0.011	1.819	4.77	
1000300847	MAGCO Inc	SM	15.75	28.25	127.75	73.00	4.75	249.50	1.722	4.024	0.006	0.093	5.85	
1000300803	McConnell Johnson - 1201 North Market	SM	45.00	0.00	5.00	29.50	4.00	83.50	0.438	0.010	0.029	0.023	0.50	
1000300383	Medal L P, Air Liquide	SM	128.75	183.75	21.00	220.00	339.25	892.75	2.807	0.016	0.033	16.062	18.92	
1000100081	Metal Masters Foodservice Equipment Co.	SM	88.50	27.50	54.50	55.25	34.00	259.75	0.006	0.050	0.140	0.000	0.20	
1000300516	Micropore, Inc	SM	9.50	1.00	5.00	56.00	43.75	115.25	0.000	0.000	0.000	3.940	3.94	
1000300646	Middletown Materials, LLC	SM	16.25	6.50	19.00	54.25	122.25	218.25	5.184	0.365	0.341	0.276	6.17	
1000300142	News Journal Company	SM	78.00	3.00	11.50	0.00	0.00	92.50	0.000	0.000	0.000	1.060	1.06	
1000300324	Noramco Inc	TV	499.00	406.75	176.75	286.75	323.75	1693.00	1.483	0.015	0.018	0.701	2.22	
1000300899	OMI, Inc / City of Wilmington (REBF)	TV	323.5	126.5	85.50	173.00	226.00	934.50	2.371	0.035	4.266	3.588	10.26	
1000500011	Orient Corporation Of America	SM	9.00	60.25	143.25	11.00	191.00	414.50	3.924	0.011	0.013	0.124	4.07	
1000500093	OSG Ship Management, Inc	TV	73.75	17.00	67.00	95.50	7.00	260.25	0.112	0.000	0.003	36.691	36.81	
1000500133	Pats Aircraft LLC	SM	4.00	91.00	4.00	4.00	5.00	108.00	0.038	0.001	0.002	0.646	0.69	
1000100075	Perdue Foods LLC- Milford	SM	235.00	164.75	134.75	25.50	3.00	563.00	5.600	0.033	0.113	0.306	6.05	
1000500003	Perdue Grain & Oilseed LLC - Bridgeville	SM	20.00	94.00	19.50	28.75	127.50	289.75	5.430	36.298	0.035	0.299	42.06	
1000300166	Polymer Technologies, Inc.	SM	22.50	0.00	1.00	0.00	75.25	98.75	0.439	0.010	0.003	1.314	1.76	
1000300509	Port Contractors	SM	88.50	37.00	2.50	0.00	40.50	168.50	0.000	0.006	0.000	0.000	0.01	
1000300986	Port of Wilmington- Fumigation (New mid 2021)	TV	179.00	306.50	750.75	0.00	0.00	1236.25						
1000300288	Prince Minerals, Inc	SM	14.25	35.50	159.00	0.00	84.00	292.75	0.356	0.461	0.032	0.029	0.88	
	Totals			Reflected Billing Hours					Reflects Permitted Emission Values					

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Facility ID #	Company Name	Class	2023 Hours	2022 Hours	2021 Hours	2020 Hours	2019 Hours	Total CY 2019-2023	2017 NO _x (TPY)	2017 PM ₁₀ (TPY)	2017 SO ₂ (TPY)	2017 VOC (TPY)	2017 Total	
1000300093	Printpack, Inc	TV	37.25	25.75	92.00	132.00	72.75	359.75	2.365	0.012	0.014	8.531	10.92	
1000100004	Procter & Gamble Dover Wipes Company	SM	38.50	28.50	123.50	10.00	0.00	200.50	0.022	0.002	0.001	0.001	0.03	
1000300906	PS-5 LLC (Community Education Building)	SM	6.00	6.50	46.75	0.50	3.50	63.25	12.692	0.068	0.078	0.701	13.54	
1077700904	R & M Recycling	SM	2.75	0.00	3.00	0.00	0.00	5.75	0.515	0.149	0.001	0.027	0.69	
1000500081	River II LLC	SM	24.00	24.75	41.50	10.50	25.00	125.75	0.432	0.009	0.011	0.099	0.55	
1000300059	Rogers Corporation	SM	142.00	24.00	204.50	43.50	134.00	548.00	1.960	3.517	0.012	4.291	9.78	
1000300033	Rohm & Haas Electronic Materials, Cmp, Inc	TV	270.50	452.50	250.50	387.50	70.25	1431.25	3.353	0.080	0.063	6.213	9.71	
1000300125	Siemens Healthcare Diagnostics - Glasgow	SM	104.00	3.00	5.00	5.00	132.50	249.50	8.465	0.129	0.128	0.460	9.18	
1000500021	SPI Pharma, Inc	SM	62.50	43.50	73.50	67.50	36.50	283.50	2.804	0.090	0.022	0.151	3.07	
1000300133	St Francis Hospital	SM	4.50	2.00	20.00	0.00	31.50	58.00	3.195	0.018	0.025	0.176	3.41	
1000300930	Stratus Visuals LLC	SM	0.75	0.25	3.00	0.00	24.00	28.00	0.000	0.000	0.000	1.558	1.56	
1000300021	Sunoco Partners Marketing & Terminals LP	TV	14.25	50.75	16.50	231.00	212.25	524.75	3.980	0.002	0.030	38.820	42.83	
1000300482	Transflo Terminal Service, Inc	SM	3.00	1.00	4.50	82.00	22.00	112.50	0.000	0.053	0.000	0.010	0.06	
1000100259	Tri-County Materials, LLC	SM	23.50	60.00	4.50	16.00	141.25	245.25	2.630	2.960	0.290	3.730	9.61	
1000300978	United Cocoa Processors, Inc.	SM	146.00	73.00	170.50	0.00	0.00	389.50	0.000	0.000	0.000	0.000	0.00	
1000300022	University Of Delaware, Newark	TV	224.75	377.75	196.00	174.00	157.50	1130.00	19.758	0.377	0.291	4.252	24.68	
1000300673	Veolia (Chemours Company Red Lion)	TV	334.25	25.00	329.00	275.00	456.50	1419.75	18.911	0.043	55.943	0.727	75.62	
1000300806	VeriSign Inc	SM	25.50	30.50	87.00	31.75	0.00	174.75	0.290	0.013	0.001	0.011	0.32	
1000100152	Warren F Beasley Power Station (DEMEC)	TV	156.00	497.25	596.00	304.50	304.00	1857.75	4.048	1.299	0.084	0.231	5.66	
1000300389	Wilmington Wastewater Treatment Plant	TV	136.00	102.00	82.50	64.25	232.00	616.75	4.500	0.081	0.697	0.592	5.87	
Totals			Reflected Billing Hours					Reflects Permitted Emission Values						

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Appendix C: AQ Organizational Chart (December 31, 2023):

