

State of Delaware

Department of Natural
Resources and
Environmental Control

Division of Air Quality



*Annual
Title V Fee
Committee
Status Report*

Calendar
Year
2015

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Introduction

Title V is an air pollution control 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 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 Clean Air Act Amendments requires that all sources subject to the permitting requirements under Title V of the 1990 Clean Air Act 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 cover both "Major Sources" 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 facility 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 or the Department) to ensure both protection of human health and the environment and a reasonable level of service to customers seeking permits and other services. The services provided by the Department supported wholly or partially by this Title V fee revenue are summarized in a later section of this report called "Program Accomplishments" and include:

- Permitting activities;
- Compliance activities;
- Enforcement activities;
- Planning activities;
- Emission inventory activities;
- Air monitoring activities;
- Small Business Ombudsman activities; and
- Other special accomplishments.

These activities and the fees required to support this work are consistent with the EPA guidance for Title V programs. This report is intended to provide a reasonable amount of accountability for those activities and the fees assessed.

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Title V Fee Committee

Delaware Statute established the Title V Operating Permit Program Advisory Committee¹ (also known as the Title V Fee Committee herein) and specified that the membership of this committee include certain emitting business interests as well as members of the public and non-governmental organizations. The purpose or charter of the Title V Fee Committee is to assess whether the fees collected pursuant to 7 *Del. C.* Chapter 60, Subchapter VIII are adequate to ensure the effective implementation of the Program and to make recommendations to remedy or improve any deficiencies or elements of the Program.

The Title V Fee Committee has been operating for several years, and by working together, has expanded its scope to include renegotiating the Title V fee structure periodically prior to expiration to ensure that the financial needs of the Division of Air Quality (DAQ) and other Title V requirements are being met while the payment burden is distributed fairly across the Major Source and Synthetic Minor facilities. In order to do this, the Division of Air Quality estimated the cost of the Title V Program through a detailed Workload Analysis developed in 2010. The workload analysis projected operating costs for 2011- 2013. Used during the 2011 round of fee negotiations, the [2011-2013 Workload Analysis](#) and additional Title V program information is available on the committee webpage @ <http://www.dnrec.delaware.gov/Air/Pages/Title-V-Fee-Committee-Information.aspx>. More recently, the DAQ established revenue requirements based on Full Time Employee (FTE) restrictions established by personnel hiring caps. These personnel restrictions then set the basis for the total Title V revenue that needs to be collected annually for the next three years. Once the revenue target is set, the Title V Fee Committee works with the Major and Synthetic Minor Sources to determine how the fees will be distributed fairly.

The current Title V Fee Schedule, which was supported by the Title V Fee Committee, was presented to the Delaware General Assembly through House Bill 374. It was passed by the House on June 17, 2014, was passed by the Senate on June 26, 2014, and was signed by the Governor on September 11, 2014. This Title V Fee Schedule applies to Calendar Years 2015, 2016, and 2017. It can be found in 7 *Del. C.* Chapter 60, Subchapter VIII and is available at: <http://delcode.delaware.gov/title7/c060/sc08/index.shtml>.

In 2014, a Special Working Group (SWG) met on several occasions between July and October to create and submit the Request For Proposal (RFP) for the Management Review Study. The RFP was approved by the Office of Management and Budget (OMB) and advertised for 30-days (January 30-March 2, 2015). As of March 2, 2015, no proposals were received for the management review project. The RFP results were referred to the Committee for further review and recommendation.

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. The Secretary of the Department of Natural Resources and Environmental Control shall serve as the Chair of this Committee."

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In 2015, the SWG met four times to discuss a path forward for the Management Review Project:

- During the April 15, 2015, meeting the SWG discussed the options available to address the negative response to the RFP for the management review project. The group agreed to review and modify the scope of the project and initiate a second RFP.
- During the July 15, 2015, meeting the SWG finalized the project review revisions and requested a second RFP submission.
- During the August 27, 2015, meeting the SWG met to review the one proposal received from the second RFP.
- During the October 14, 2015, meeting the SWG met with the contractor who submitted an updated proposal to review their recommended methods and clarify the project deliverables.

Note: The SWG continued to review the contractor's proposal in early 2016. The SWG met February 8, 2016, to review and approve the updated proposal. The group recommended additional changes to the proposal and discussed these changes with the contractor via a conference call. The committee approved the final revised proposal in late February 2016. The SWG initiated the work necessary to prepare the formal contract in early March 2016.

The materials from each of these meetings are available for review at:

<http://www.dnrec.delaware.gov/Air/Pages/Title-V-Fee-Committee-Information.aspx>.

Title V Fees are normally billed annually in December for the next calendar year. Title V bills for Calendar Year 2015 were mailed in January 2015. Facilities can choose to pay their bill in one payment or in quarterly payments. If the facility chooses to pay their bill in one payment, it is due by February 1st. If the facility chooses to pay their bill in quarterly payments, the payments are due on February 15th, May 15th, August 15th, and November 15th. If a facility does not pay their bill, they will be sent three reminders. The third reminder is sent certified mail. If, after the third reminder, the facility still does not pay their bill, enforcement action may be taken. Any delinquent source shall be subject to a 2% compounding monthly interest rate for each month overdue. Furthermore, consistent with the legislation, the Department has the authority to revoke a Title V permit on the sole basis that the annual fee has not been paid.

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Overall Program Costs

See Table 1 for a summary breakdown of Calendar Year 2015 Title V Costs.

Table 1: 2015 Title V Costs

Salary	\$2,033,375.06
Travel	\$9,453.95
Contractual ²	\$230,885.56
Supplies	\$96,114.77
Capital Outlay	\$0.00
Additional Support Services ³	\$510,762.26
Small Business Ombudsman Program ⁴	\$99,102.61
Total	\$2,979,694.21

Note: While the state operates on a fiscal year basis (July 1 through June 30), the Title V fees are billed and spent on a calendar year basis. Consequently some “Additional Support Services” costs, provided by other programs/organizations, in CY 2015 may include FY 2016 cost factors.

Note: 2015 Title V Monthly Expenses and Revenue are presented in Table 9, Appendix B.

Fees Collected

Title V fees are billed on a calendar year basis (January 1 through December 31) and the 2015 Title V revenue is determined by the actual monies deposited into the Title V account during calendar year 2015 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 2015 for 2016 fees. This makes comparing revenue and fees collected difficult.

For CY2015, **72** active Synthetic Minor and **51** Title V facilities were billed. Following the user fee credit program refunds (approximately \$300,000, see page 9), a total of \$3,159,138.79, including previous year(s) back fees, was billed. Of the total amount billed, \$3,153,433.82. was collected and \$5,704.97 is overdue. The difference of \$5,704.97 was the result of one non-payment (see Table 4B). Any back fees that are collected in 2016 will be counted towards the 2016 revenue. Due to a system error, two facilities were not billed in CY 2015 (\$20,920.00). These facilities were billed accordingly in CY 2016 for 2015 and 2016 fees.

The Calendar Year 2015 Title V revenue was \$3,145,235. See Figure 1 for a history of Title V billing and revenue since 1997.

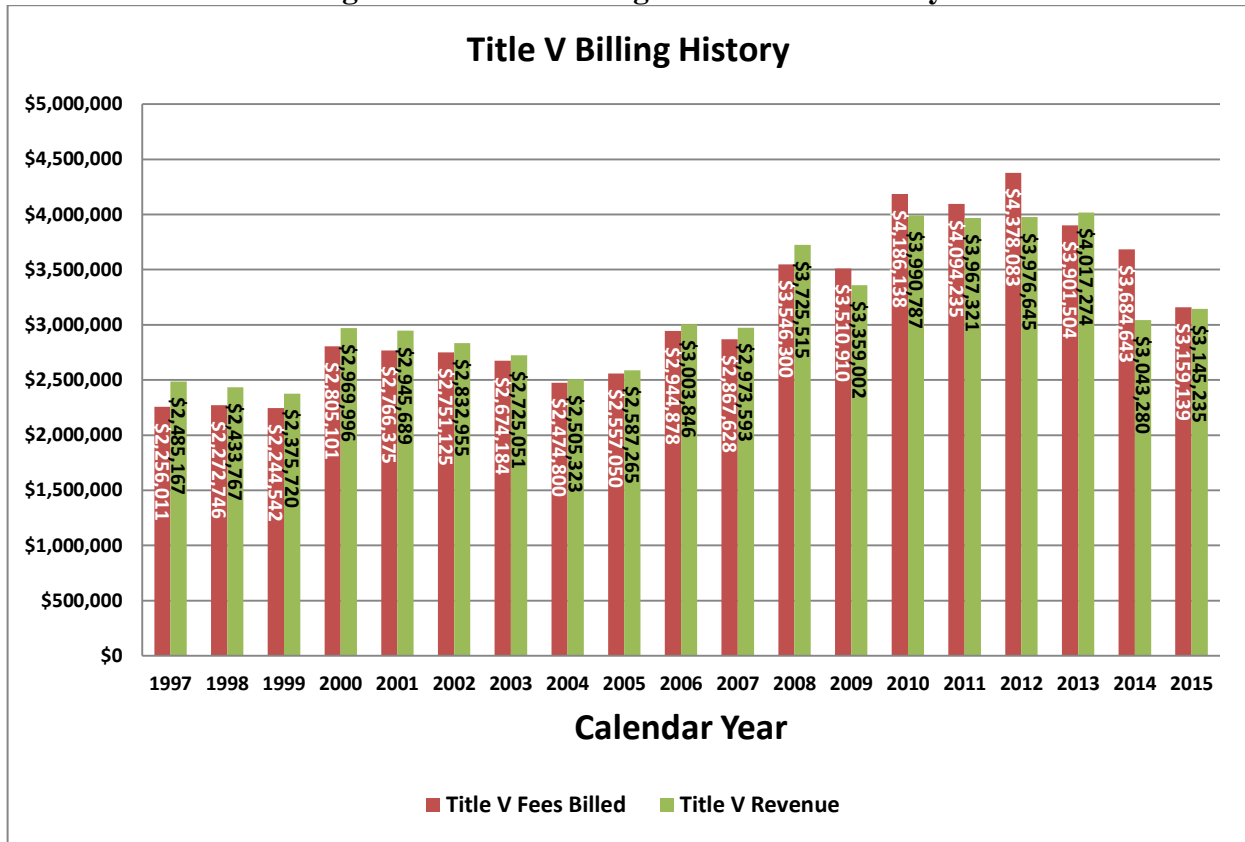
² Items covered under the “Contractual” category include: Legal Assistance, Fleet charges (vehicle rental), building rent, utilities, vendor payments, temp services, and the upkeep of some air monitoring equipment.

³ Items covered under “Additional Support Services” include: Information Technology (\$11,538.70), the Environmental Crimes Unit (\$471,394.68, based on actual workload), and OTS support (\$27,828.88).

⁴ Items covered under the “Small Business Ombudsman Program” include the salary and expenses of 1.0 FTE.

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Figure 1: Title V Billing and Revenue History



On December 31, 2015, the Title V carryover balance was \$4,445,358.59. See Table 2 for the Title V Carryover Balance History. See Table 3 for 2016 carryover balance prediction.

Table 2: Title V Carryover Balance History by Calendar Year

	2012	2013	2014	2015
Total Title V Fee Revenue	\$3,967,645	\$4,017,274	\$3,043,280	\$3,145,235
Total Expenses	\$3,403,998	\$3,248,203	\$3,088,668	\$2,979,694
Actual Carryover Balance	\$3,502,552	\$3,947,277	\$4,243,034	\$4,445,358

As previously noted, the Title V revenue is determined by the actual monies deposited into the Title V account during a calendar year. 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 3: CY2016 Title V Carryover Balance Projection

	2016 Prediction
Total Title V Fee Revenue	\$3,243,676
Total Expenses	\$3,039,288
Δ Revenue - Expenses	\$204,388
Carryover Balance	\$4,649,747

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Please note that the 2016 revenue prediction used in the above calculation was based upon the total amount of actual fees billed for 2016 to include overdue fees from previous year billings. The 2016 expenses prediction was based upon the 2015 expenses plus a 2% cost of living adjustment.

Delinquent Facilities

Consistent with legislative requirements and the department collection policy, the Division of Air Quality first reported delinquent facilities in the 2014 annual report. Table 4A (below) provides a status update for the facilities reported in 2014.

Table 4A: 2014 Delinquent Facilities Update

Facility Name	Remaining Delinquent Balance	Recovery Actions Update
3 D Fabrications, Inc.	\$0.00	Incorrectly classified, changed to Natural Minor facility and fees paid accordingly.
Coker Concrete	\$0.00	Established a payment plan. 2014 balance paid in full.
Evraz Claymont Steel	\$257,000.00	Evraz Claymont Steel was owned by a company in Russia. Evraz closed its Delaware facility in December 2013, but was pursuing a sale of the site, and it asked to be allowed to pay month to month in 2014 while attempting to sell. No buyer to re-start the site was found, the permit has been canceled and the new owner/developer is razing the site. In addition to failing to find a new operator, Evraz made none of the monthly payments. Evraz did not have any actual operation in 2015. DNREC does not believe there are any options for recovery of the 2014 invoice.
Fisker Automotive, Inc.	\$0.00	Recovered \$5,891.53 in bankruptcy proceedings. Permit transferred to WX Delaware in March 2014. WX Delaware paid the normal 2014 and 2015 TV invoices.
Title V Facility (1)	\$0.00	Reported as under review in 2014. Review completed and resolved. The 2014 and 2015 fees are paid in full.
Mike Davidson Excavating LLC	\$11,707.11	Mike Davidson Excavating LLC operated a recycling operation in Delaware that has been rife with environmental violations. DNREC shut down the facility because it stockpiled waste on areas outside the permitted limits and in amounts vastly exceeding the permitted limits. Cleanup of the site is going to entail disposing of a huge amount of waste. The Solid Waste Branch revoked the site's operating permit in 2013. On March 30, 2015, Delaware Judge Whithum issued a civil order directing the LLC and Mike Davidson (a Maryland resident) to pay \$16 million in cleanup costs and \$3 million in penalties for solid waste violations. DNREC canceled the LLC's air quality permit on May 25, 2015. Both Mike Davidson and the LLC have filed bankruptcy. As the Superior Court's order is likely much more than the value of the property and Mr. Davidson's other assets, it is unlikely that DNREC can recover this fee and it is likely that efforts to try to obtain any recovery would entail wasting funds.
TOTAL	\$268,707.11	

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Table 4B (below) reflects the 2015 delinquent facilities to include the amount owed and the specific actions taken to collect the overdue fees. The 2015 delinquent facilities listing does not include 2014 delinquent balances currently under legal review or collection by the department.

Table 4B: 2015 Delinquent Facilities

Facility Name	Amount Due	Recovery Actions
Coker Concrete (2015)	\$5,704.97	2014 balance paid in full. 2015 payment plan continues.
TOTAL	\$5,704.97	

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Fee Structure Calendar Years 2015-2017

During January-June 2014, the Title V Committee reviewed and updated the 2015-2017 fee structure. The supporting legislation (HB 374) was passed by the House on June 17, 2014, was passed by the Senate on June 26, 2014, and was signed by the Governor on September 11, 2014.

The new Base Fee is calculated from the total hours expended on each facility for the five year period from 2009-2013. The User Fee is calculated from the facility's most recent baseline year emission inventory report (2011). The Title V Fee Schedule for Calendar Years 2015 through 2017 is provided in Table 5 below:

Table 5: Calendar Year 2015 through 2017 Title V Fee Schedule

Fee Type	Category	Category Description	2015 - 2017 Fees
Base Fee	A	> 6,000 Hours	\$277,020
Base Fee	B	5,001 – 6,000 Hours	\$108,300
Base Fee	C	4,001 – 5,000 Hours	\$93,480
Base Fee	D	3,001 – 4,000 Hours	\$80,940
Base Fee	E	2,001 – 3,000 Hours	\$57,000
Base Fee	F	1,501 – 2,000 Hours	\$42,180
Base Fee	G	1,001 – 1,500 Hours	\$28,500
Base Fee	H	667 – 1,000 Hours	\$18,240
Base Fee	I	334 – 666 Hours	\$9,120
Base Fee	J	0 – 333 Hours	\$5,700
Base Fee	K	New Sources that have applied for a permit after January 1, 2014	\$6,840
User Fee	1	> 2,000 Tons	\$350,000
User Fee	2	1,001 – 2,000 Tons	\$100,000
User Fee	3	501 – 1,000 Tons	\$60,000
User Fee	4	201 – 500 Tons	\$28,000
User Fee	5	101 – 200 Tons	\$12,000
User Fee	6	51 – 100 Tons	\$9,000
User Fee	7	26 – 50 Tons	\$6,000
User Fee	8	6 – 25 Tons	\$4,100
User Fee	9	0 – 5 Tons	\$3,950
User Fee	10	New Sources that have applied for a permit after January 1, 2014	\$6,000

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User Fee Credit Program

As part of the 2015-2017 legislation, a user fee credit program was established for calendar years 2015, 2016, 2017, 2018, 2019, and 2020. The Department will grant annual user fee credits to sources with an active Title V or Synthetic Minor permit on or before December 31, 2014, and without delinquent accounts. The credit shall be determined by the categorical status of a qualifying facility in calendar year 2014. User fee credits for 2015, 2016, and 2017 will be calculated as a percentage of the total Program annual fee reduction amount of \$300,000. As described in Table 6, eligible facilities will be granted the following fee credit percentages by User Fee category:

Table 6: User Fee Credits

User Fee Category	Fee Credit Percent	Fee Credit
1	Will receive a credit of 26.25% of \$300,000	\$78,750
2	Will receive a credit of 7.50% of \$300,000	\$22,500
3	Will receive a credit of 4.50% of \$300,000	\$13,500
4	Will receive a credit of 2.10% of \$300,000	\$6,300
5	Will receive a credit of 0.90% of \$300,000	\$2,700
6	Will receive a credit of 0.68% of \$300,000	\$2,040
7	Will receive a credit of 0.45% of \$300,000	\$1,350
8	Will receive a credit of 0.30% of \$300,000	\$900
9	Will receive a credit of 0.30% of \$300,000	\$900
10	Will receive a credit of 0%.	\$0

The 2018, 2019, and 2020 total Program annual fee reduction amount will be reviewed and adjusted by the Title V Operating Permit Program Advisory Committee as part of the 2018 through 2020 fee negotiation cycle. Fee reduction credit will be terminated on December 31, 2020.

Current Staffing Levels

The Division of Air Quality’s end of calendar year 2015 staffing level was 85% and 10 positions were vacant. See Table 7 for a breakdown of the staffing levels for the Branches and Groups within the Division.

Table 7: Division of Air Quality Staffing Levels

Branch	Authorized	Occupied	Staffing Level
Director	1.0	1.0	100%
Analytical Support Group	3.0	2.0	67%
Operations Support Group	3.5	2.5	71%
Administrative Group	5.0	3.0	60%
Engineering & Compliance Branch	23.5	21.5	91%
Planning Branch	29.0	26.0	90%
Total	65.0	56.0	86%
Temporary Positions	2.0	1.0	50%
Seasonal Positions	2.0	1.0	50%

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During 2015, seven full-time employees separated or retired from the Division and six additional full-time employees were hired. See Table 8 for a list of hiring actions taken in calendar year 2015.

Table 8: Calendar Year 2015 Hiring Actions

Date	Name	Source	Position	Branch	Funding
2/9/2015	Christie Ray	External	Admin Spec I	Admin Group	Air Grant
5/4/2015	Angela Marconi	Internal	Engineer IV	Eng/Comp	General Funds
8/3/2015	Lindsay Rennie	External	Engineer I	Eng/Comp	Title V/Air Grant
8/10/2015	Jolyn Shelton	External	Engineer I	Planning	RGGI
12/7/2015	Jacquelyn Cuneo	External	Engineer I	Planning	Title V/Air Grant
12/14/2015	Kevin Njoroge	External	Engineer I	Eng/Comp	Title V/Air Grant

Please note that in 2008, the DAQ was authorized 76 full-time positions. As of December 31, 2014, state-wide personnel reductions have decreased the Division’s authorized positions to 65 FTEs with a hiring cap of 63 employees.

PROGRAM ACCOMPLISHMENTS

Office Relocation

On December 4, 2015, the Division of Air Quality, Dover administrative office, relocated from the Blue Hen Corporate Center, on S. Bay Road, to the State Street Commons facility located at the intersection of Water and State Streets in the downtown Dover area.

The purpose of this Department wide effort was to combine multiple leases, reduce real estate footprints, cut energy costs, and consolidate DNREC staff in a safe and professional working environment. A DNREC staff of approximately 114 people from the Division of Air Quality, Division of Energy and Climate, Watershed Assessment Section, Delaware Coastal Programs, and Nonpoint Source Program, collectively occupy the 21,535+ square foot facility.

The project team, led by the Office of the Secretary staff, included representatives from each division and group. The team assisted the engineering and construction contractors with the planning, organization and execution of every aspect of the design, office floorplans, systems design, construction scheduling, and final office fit-out. The project was a tremendous effort requiring nearly six months of planning and implementation.

The facility build-out and interior construction was primarily financed with department funds (84% of the total agency relocation costs) and lessor support agreements established in the lease. The \$32,167 in direct costs to DAQ, related only to moving expenses, office furnishings, and audio/visual systems enhancements were supported by grant and TV funds.

Based on preliminary data, the Division of Air Quality expects to see a 40% reduction in monthly expenses (rent, energy and support services). This entire initiative highlights our continuous effort to reduce costs and gain efficiencies.

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2015 EPA Title V Program Evaluation

The EPA conducted an evaluation of Delaware's Title V Program on September 29, 2015, at DAQ's New Castle office. The purpose of the evaluation was to assess DNREC's overall implementation of the Title V program, and to identify organizational strengths, as well as suggested areas of improvement. Previously evaluated in 2004 and 2007, in both instances, EPA discovered no significant program deficiencies, and generally expressed satisfaction with DNREC's program.

Per the EPA, DNREC's Title V Program is well established, and because EPA routinely reviews proposed Title V permits which are submitted to EPA during the course of their issuance, EPA did not conduct a file review during this evaluation. The following areas were evaluated:

- Title V permit preparation and content;
- Monitoring to ensure compliance;
- Public participation and outreach;
- Permit issuance;
- Compliance;
- Implementation agreement; and
- Title V program fees.

The EPA noted the following best practices:

- The EPA commended DNREC for their workforce development program. The electronic resources were clear, well organized, and complete, and are no doubt a valuable asset for new and seasoned employees alike.
- Additionally, EPA supports the changes that DNREC has made to their review memos, namely the inclusion of 5-year contemporaneous changes, facility-wide PTE, and the chronology of permitting actions. These will provide clarity not only for DNREC's permitting engineers, but for EPA permit reviewers as well.
- EPA also strongly supports DNREC's efforts to include a monitoring rationale in review memos as standard operating procedure.
- DNREC's Title V fee structure is also a particular program strength. By revisiting fees regularly, and by incorporating the two-pronged approach which includes not just emissions based fees but workload based fees as well, DNREC has managed to reduce the impact that the general trend of diminishing emissions has had on other permitting authorities nationwide.
- Finally, EPA commends DNREC for reducing their backlog, for making timeliness a priority, and for implementing a concurrent review process.

The EPA highlighted the following suggested improvement areas:

- To enhance the Division's access to external training, remove the barriers to out-of-state travel; and

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- To provide the public with greater access to the Title V process, consider posting draft/proposed permits online.

Conclusion: The EPA concluded that no notable deficiencies were identified during the evaluation, and EPA remains highly confident in DNREC's implementation of their Title V program.

The complete EPA evaluation report may be viewed on the committee website @ <http://www.dnrec.delaware.gov/Air/Pages/Title-V-Fee-Committee-Information.aspx> .

Title V Permitting Activities

The Division of Air Quality is responsible for all permitting activities at Title V and Synthetic Minor facilities. In calendar year 2015, the following permitting activities were accomplished:

- 9 Title V Permit Renewals were issued;
- 6 Title V Permit Amendments were issued;
- No Public Hearings for Title V Permits were held;
- No Synthetic Minor Construction Permits were issued;
- 4 Synthetic Minor Operating Permits were issued;
- No Federally Enforceable Construction Permits were issued; and
- No Federally Enforceable Operating Permit Amendments were issued.

The Division of Air Quality is required to issue Title V Renewal Permits within 18 months or 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) (<http://regulations.delaware.gov/AdminCode/title7/1000/1100/1130.shtml#TopOfPage>). In calendar year 2015, the Division of Air Quality issued Title V Permit Renewals within 795 days of complete application receipt on average. The shortest amount of time to issue a Title V Permit Renewal was 322 days, while the longest amount of time was 1,110 days. If the three permits with extended issuance timeframes (caused by a major public hearing) are excluded from the averages, permits were issued within an average of 642 days.

As part of the Value Stream Mapping efforts for the Synthetic Minor permitting program, the Division of Air Quality has committed to issuing Synthetic Minor permits within 3.3 to 4.7 months or 102 to 145 days. A permit issuance range was chosen for Synthetic Minor permits because of the varying complexity of these permits. In calendar year 2015, Synthetic Minor permits were issued within 219 days from application receipt on average. If the two permits with an extended issuance timeframe are excluded (one with a public hearing), permits were issued within an average of 107 days from application receipt.

When a Title V source is constructing new equipment, the source may choose to have these permits issued using the “Federally Enforceable” process. This process requires that a draft permit be advertised for 30 days and that a proposed permit be sent to EPA for a 45 day review period. This process mirrors the path for issuing a Title V Permit, Permit Renewal, or Significant Permit Modification. If a construction permit or operating permit amendment follows these procedures, the permit can be incorporated into the Title V Permit using the Administrative

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Amendment process upon completion of construction of the new source. During calendar year 2015, the Division of Air Quality had no companies choose this path for permit issuance.

Please note that while the Engineering & Compliance Branch has introduced efficiencies to improve permitting timeframes and reduce rework, as the Branch continues to operate with a reduced staffing level, instances where permit timeframes exceed the permit issuance range may occur.

Title V Compliance Activities

Many Title V related compliance activities are undertaken by the Division of Air Quality each year. These activities include on-site compliance evaluations or inspections, stack tests, and report reviews. In calendar year 2015, the following compliance activities were undertaken:

- 36 on-site compliance evaluations were conducted at Title V facilities;
- 166 stack tests were conducted at Title V facilities;
- 190 report reviews were conducted for Title V facilities;
- 29 on-site compliance evaluations were conducted at Synthetic Minor facilities;
- 12 stack tests were conducted at Synthetic Minor facilities; and
- 23 report reviews were conducted for Synthetic Minor facilities.

Title V Enforcement Activities

If the compliance activities described above indicate that a facility is not in compliance with requirements, the Division of Air Quality will pursue enforcement action against that facility. Enforcement actions may take the form of Notices of Violation, Administrative Orders, Consent Decrees or Agreements, or Stipulated Penalties. In some cases, the Department takes no further action depending upon specific circumstances such as whether the violation was self-reported, minor, isolated and corrected quickly. In other cases, the Department has the authority and may seek, and generally obtains, fines and penalties. For a complete description of enforcement activities, see the Department of Natural Resources and Environmental Control's "Compliance and Enforcement Response Guide" available at:

<http://www.dnrec.delaware.gov/Admin/Documents/DNREC-Compliance-Enforcement-Response-Guide.pdf>. In calendar year 2015, the following enforcement activities were completed (please note that this does not include pending enforcement activities):

- 6 Notices of Violation were issued to Title V facilities;
- 1 Administrative Order was issued to a Title V facility;
- No Stipulated Penalty Demand Letters were issued to Title V facilities;
- No Consent Decrees were issued to Title V facilities;
- 1 Notice of Violation was issued to a Synthetic Minor facility; and
- No Administrative Orders were issued to Synthetic Minor facilities.

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Title V Planning Activities

There are many planning activities associated with the Title V program. These activities include, but are not limited to:

- Preparing State Implementation Plan (SIP) revisions to ensure and demonstrate progress in attaining and maintaining ambient air quality standards, and meeting visibility goals; and
- Developing and maintaining comprehensive criteria pollutant and air toxics emission inventories; and
- Developing and maintaining air pollution control regulations in accordance with State and Federal requirements.

The Planning Branch of the Division of Air Quality accomplished the following Title V related planning activities in calendar year 2015:

- State Implementation Plan (SIP) activities:
 - Completed and submitted to the EPA, a SIP that addresses CAA 110(a) and (b) requirements for the 2012 PM_{2.5} National Ambient Air Quality Standard (NAAQS).
 - Analyzed data and submitted to the EPA, information that satisfies and completes Delaware's obligations under 40 CFR §51.1203(a) (i.e., the 2015 SO₂ Data Requirements Rule).
 - Evaluated and submitted to the EPA, comments on their proposed determination of attainment for the 2008 Ozone NAAQS.
 - Evaluated and submitted to the EPA, comments on their notice of data availability (NODA) to be used in the EPA Cross State Air Pollution Rule (CSAPR) update.
 - Analyzed and submitted to the EPA, extensive comment on their proposed CSAPR update rule.
 - Assisted the Delaware Attorney General in development of a petition for review of the EPA's Startup, Shutdown and Malfunction SIP Call.
 - Received EPA approval of Delaware's 2011 base year inventories SIP for the 2008 8-hour Ozone NAAQS for New Castle and Sussex Counties.
 - Submitted to the EPA, comments on their proposed disapproval of Delaware's New Source Review (NSR) offset rule.
- Regulatory Development Activities:
 - Completed revisions to Section 36 of 7 DE Admin. Code 1124, Stage II Vapor Recovery.
 - Completed revisions to Section 2.0 of 7 DE Admin. Code 1141, Consumer Products.
 - Completed revisions to Section 10 of 7 DE Admin. Code 1138, Chrome Electroplating and Anodizing.
 - Completed substantial work on major revision to Section 33 of 7 DE Admin. Code 1124, Solvent Degreasing.
- Other Title V Activities:
 - Developed and submitted to the EPA, Delaware's first year PM Advance Plan.

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- Completed a Moveable Air Monitoring Platform (MAMP) study at Mallard Pointe development in New Castle, and began study in Delaware City.
- Participated in EPA State Plan Electronic Collection System (SPeCS) Beta testing.
- Held a public outreach session, and began development of Delaware's plan to regulate CO2 emissions from existing power plants under CAA 111(d).
- Completed substantive work on a review and analysis of the EPA 2011 National Air Toxics Assessment (NATA).
- Worked with the Delaware Attorney General on actions to prevent EPA follow-up actions from negating the impact of the US Court of Appeals for the District of Columbia's ruling on EPA's 100 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.
- Submitted to the EPA, in accordance with 40 CFR §58.10(a), an annual air monitoring network plan.
- Analyzed and submitted to Maryland, comments on an update to their proposal to establish NOx emission standards and additional monitoring and reporting requirements for coal-fired electric generating units.
- Analyzed and submitted to Pennsylvania, comments on an update to their Reasonably Available Control Technology (RACT) proposal.
- Analyzed and submitted to the EPA, comments on their proposed revision to the National Ambient Air Quality Standard (NAAQS) rule for ground-level ozone.
- Began development of strategy and analysis on the preparation of area classifications for the 2015 ozone NAAQS.

Title V Emission Inventory Activities

The Emission Inventory Group is part of the Planning Branch of the Division of Air Quality. 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. Emissions include criteria air pollutants, air toxics, and greenhouse gases.

The Emission Inventory Group accomplished the following Title V related activities in calendar year 2015:

- All Title V and Synthetic Minor permitted facilities were required to report 2014 emissions of criteria pollutants, representing an expanded list of reporting facilities for the purpose of establishing the next 3-year cycle of emissions-based permit fees;
- Collected 2014 point source data from 131 facilities through the annual reporting cycle that takes place in the March through April timeframe;
- Performed a technical review of the submitted data for completeness and accuracy;
- Estimated 2014 air emissions for area and mobile sources; and
- Submitted 2014 point, area, and mobile source data to EPA's Emissions Inventory System.

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Title V Air Monitoring Activities

The Air Monitoring Group of the Division of Air Quality conducts several Title V related activities including:

- Measuring ambient concentrations of selected air pollutants and selected meteorological parameters; and
- Conducting source emission evaluations with the portable analyzer.

The ambient air monitoring program receives funding from several sources to accomplish its monitoring objectives. The Title V program supports approximately 45% of the personnel costs in the program. In Calendar Year 2015, the Air Monitoring Branch accomplished the following Title V related activities:

- Measured the ambient (outdoor) concentrations of the criteria air pollutants along with selected weather parameters. The monitoring network consists of 10, fixed-site monitoring locations;
- Conducted special studies to address citizen concerns, to evaluate the need to relocate or add additional fixed sites, or to measure the impact of a particular air pollution source;
 - March 2015, using the Moveable Air Monitoring Platform (MAMP), completed a special study at Mallard Pointe, New Castle, DE. This study addressed community concerns relating to rail activity delivering crude oil to the Delaware City Refinery. The study was used to determine if there was any contribution to the local ambient air quality due to locomotive exhaust when trains idled in the community.
 - August 2015, using the MAMP, the DAQ initiated a special study in Delaware City, DE. This study addresses community concerns relating to any contributions to local ambient air quality by marine vessels idling at the offloading docks during crude oil delivery. Study will be completed in early 2016.
- Routinely monitored selected hazardous air pollutants (air toxics) including metals, volatile organic compounds, and carbonyls; and
- Replaced the 30-year old monitoring shelter located at MLK Jr. Blvd and Justison St. in Wilmington, DE. The new, larger shelter will accommodate new monitoring requirements.
 - The new shelter provides sufficient space to incorporate several new analyzers and instruments. The following equipment/instruments will be added to the shelter: Six channel Ultrafine Particle monitor, co-located continuous PM2.5 FEM monitor, CPC Ultrafine Particle monitor and traffic cameras.

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Title V Small Business Ombudsman Activities

The Small Business Assistance Program (SBAP) within DNREC is a service available to all new and existing small businesses located in the State of Delaware. The SBAP can help small businesses understand their environmental requirements and help them comply in the easiest and most effective way. The SBAP is a non-regulatory program. The Small Business Ombudsman (SBO) is part of the SBAP which was created through the Clean Air Act Amendments of 1990. The SBO (1.0 FTE) manages the SBAP with administrative support from the Office of the Secretary.

The SBAP provides the following services:

- Serves as small businesses initial contact within DNREC;
- 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;
- Conducts environmental assessments at small businesses and discusses compliance;
- Keeps abreast of developing regulations and current issues impacting small businesses and shares that information with small businesses through workshops, newsletters, trade association meetings, mailings, websites, and other methods;
- Provides feedback to the Division of Air Quality from small businesses;
- Helps resolve permitting and compliance disputes and cuts red tape;
- Seeks funding opportunities for special programs that benefit small businesses; and
- Serves as the manager of the Regulatory Advisory Service (RAS).

The Small Business Ombudsman also serves on the following committees:

- Title V Fee Committee (as needed)
- Delaware Envirothon planning committee
- Division of Air Quality's Envirothon Project Team
- Office of the Secretary Recognition Committee
- Coordinates the committee that reviews incinerator ban applicability applications

In Calendar Year 2015, the Small Business Ombudsman conducted the following activities:

- Conducted ten Regulatory Advisory Service (RAS) meetings.
- Incinerator Ban Applicability Status Decision Process: Coordinated two meetings to discuss the ban's applicability to proposed anaerobic digestion facilities.
- Participated in a variety of outreach events:
 - Statewide Business 2 Business Expo – sponsored by the Delaware State Chamber of Commerce and seven local chambers
 - Make-a-Splash Water Festival sponsored by DNREC's St. Jones Reserve
 - Delaware Envirothon - sponsored by the Delaware Association of Conservation Districts

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- Delaware State Fair – worked four shifts in the DNREC building which is sponsored by all of DNREC’s divisions
- Attended the Governor’s press conference announcing the launch of the Business First Steps website for which DNREC provided a lot of content
- Kent County Economic Summit held at DelTech’s Terry Campus
- Began participating in the statewide County is Open for Business events held monthly in each county. Attended 23 events and made 88 contacts with business entrepreneurs interested in learning about DNREC and potential permit/regulation requirements.
- Acted as the Department’s Registrar and reviewed all regulations as they were proposed and went through the development process. A total of 11 Start Action Notices initiating the process were approved. A total of 42 items were submitted to the State Registrar’s office for publication: 19 proposals, 12 finals, 3 re-proposals, 4 emergency regulations and 4 general notices. Nine regulations became effective during 2015.
- Participated in the EPA Region III 507 Program Regional Liaison’s lone conference call of the year to provide activity updates by each state.
- Listened to three of the EPA 507 Program National Steering Committee’s monthly conference calls.
- Participated in DNREC Division of Waste & Hazardous Substances Senior Staff Meetings to provide an update on SBAP activities (quarterly).
- Communicated with representatives of local Chambers of Commerce, Trade Associations and the Delaware Economic Development office.
- Provided permit and compliance assistance through phone calls and e-mails.
 - 0 site visits
 - 52 phone calls made and received
 - 523 emails sent and received

Other Special Accomplishments and Projects

As reported last year, in 2012, the DAQ began developing a Strategic Plan that involved reviewing how the Division is currently operating and outlining goals for the future. This Strategic Plan was based upon the DAQ’s vision and mission. The Strategic Plan used the “Balanced Scorecard” approach to review the DAQ’s goals from four separate perspectives:

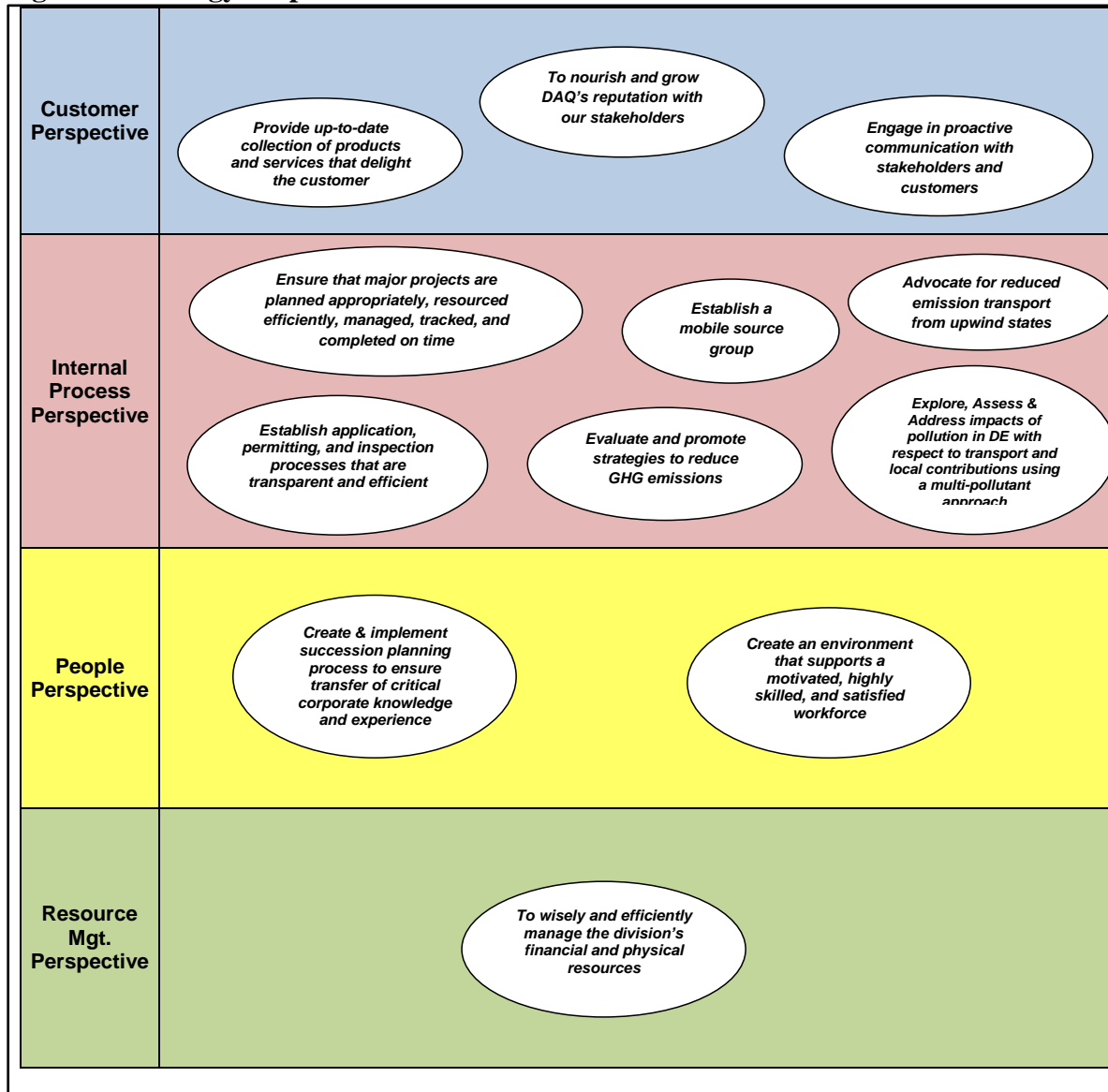
- The Customer Perspective;
- The Resource Management Perspective;
- The Internal Processes Perspective; and
- The People Perspective.

The Balanced Scorecard approach resulted in a strategy map outlining the DAQ’s goals. This strategy map is shown in Figure 2.

To reach the goals outlined on the strategy map, the DAQ developed Air Action Plans for the individual activities required to achieve these goals. Each Air Action Plan includes a goal statement, objectives, a schedule of activities that must be conducted to complete the Air Action Plan and performance measures to ensure that the Air Action Plans are being completed. A comprehensive list of Air Action Plans was identified in the 2013 Annual TV Committee Report.

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Figure 2: Strategy Map



In 2014 and 2015, the DAQ continued to execute its strategy by identifying division key priorities. These are listed and detailed in Table 9 below. Future plans for 2016 include developing a list of goals for each priority. Action plans will be created and implemented in sequence relative to priority significance and available resources.

Table 9: DAQ Priorities

Priority Name	Description
Air Pollution Transport	Cross state air pollution is managed so that we are able to meet and maintain healthy air quality for Delaware citizens.
Climate Change	We will continue to increase public awareness of Delaware’s vulnerabilities and implement proactive projects to address mitigation, resiliency and adaptation through coordinated efforts with stakeholders and other agencies.
Communities	We ensure that no communities in Delaware are subjected to disparate environmental impacts.
Improving Manufacturing Efficiencies	Existing facilities are able to operate in a manner that will reduce costs, improve air quality, and improve the overall efficiency without unnecessary regulatory burden.
Mobile Sources	Ensure that multi-modal transportation options are widely available to all Delawareans so that Vehicle Miles Travelled are reduced year after year with declining reliance on cars. The emissions from the transportation sector decline with the use of cleaner fuels and improved technologies.
Workforce Development	Our work environment supports a motivated, highly skilled, and satisfied workforce.

In 2015, the Division’s primary strategic planning focus was developing and implementing an effective Performance Planning and Appraisal system.

The Division of Air Quality also participates in many special projects. These special projects may or may not be Title V related. However, the results of these projects often impact Title V activities. In calendar year 2015, the Division of Air Quality participated in the following special activities:

- Participated in the DAQ management and administrative activities including:
 - Updated the Division Continuity of Operations Plan (COOP). The plan depicts specific actions required to continue critical operations and services in the event of an emergency that may render our primary operating facilities unusable.
 - Continued work with the Division Safety Council. The Safety Council puts safety in the hands of employees. This team of volunteers is creating a culture of safety and leading the Division in all efforts to Promote, Prevent, and Protect our people and resources.

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- Participated in outreach activities including:
 - For a fifth year, the DAQ worked with the Delaware Envirothon Committee supporting high school level environmental education. Since 2012, Air Quality has been included as a key topic/study area for the Delaware Envirothon competitions. The Division of Air Quality is a Gold Sponsor for the Envirothon program supporting the Delaware and international Envirothon competitions;
 - Educational programs and public outreach events addressing energy conservation;
 - The Delaware State Fair display highlighting the Air Quality Index (AQI) notification and awareness program;
 - Educational programs or public outreach events addressing school-related anti-idling requirements;
 - Educational information and public outreach on open-burning restrictions;
 - Air Quality awareness outreach; and
 - Asthma awareness outreach.
- Participated in Cancer Consortia activities;
- Continued to provide compliance assistance and oversight to auto body shops, dry cleaners, and gasoline delivery vessels for state and federal air regulations;
- Continued to track and provide oversight on vapor recovery tests of regulated gasoline dispensing facilities;
- Mobile Source Activities including:
 - Monthly participation with Metropolitan Planning Organizations (WILMAPCO and Dover/Kent MPO) Technical Advisory Committee;
 - Meeting 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;
 - Development of mobile budgets for PM_{2.5};
 - Conducted a Phase II Remote Sensing Study;
 - Participated on the Clean Air Council Delaware Diesel Difference;
 - Continued implementation and evaluation of a new vehicle remote sensing program to provide data to 1) evaluate the effectiveness of our vehicle inspection and maintenance program, and 2) develop strategies to further reduce mobile source related emissions; and
 - Continued to identify and quantify emissions associated with new residential development in Delaware through the PLUS Process.
- Provided support to the Coastal Zone program for conducting technical reviews of Coastal Zone applications;
- Coordinated with the Energy and Climate Division on energy policy issues; and
- Continued working with the Delaware Air Quality Partnership mascot “TROPO”. Tropo is a life-size mascot that supports outreach programs for youth and their families. Supported by DAQ, Tropo visited several Delaware schools, community centers and the state fair to educate kids and encourage them to improve air quality.

Appendix A: Facility Hours and Emissions History

Appendix A, depicts the most recent 5-year history of total hours expended on each facility and 2011 baseline emissions for inventoried facilities.

Appendix A: Facility Hours and Emissions History

Facility ID #	Company Name	Class	2015 Hours	2014 Hours	2013 Hours	2012 Hours	2011 Hours	2011 NO _x (TPY)	2011 PM ₁₀ (TPY)	2011 SO ₂ (TPY)	2011 VOC (TPY)	2011 Total Emissions (TPY)
1000300131	A.I. DuPont Hospital For Children	TV	77.5	218.0	200.5	336.3	444.0	6.24	0.33	0.95	0.60	8.12
1000300073	Aearo Technologies LLC	TV	26.25	57	111	185	51.5	0.11	0.01	0.00	1.78	1.90
1000300064	Air Liquide Industrial US LP	TV	2.0	7.5	72	358.5	50.25	0.00	0.00	0.00	0.06	0.06
1000100006	Allan Myers, Delaware Inc. - Bay Road (ICM)	SM	56.25	150.25	104.75	320.5	563					
1000500130	Allan Myers, Delaware Inc. - Georgetown (ICM)	SM	39.0	130.25	39	50.5	73.75					
1000500013	Allens Harim Foods LLC	SM	48.0	0	20	42.5	67.25	2.09	0.01	0.01	0.11	2.22
1000100247	Ameresco Delaware Energy - Sandtown	TV	219	207	96.25	92.5	15	23.50	6.40	8.50	3.91	42.31
1000500258	Ameresco Delaware Energy - Southern	TV	292.75	328.5	286.5	123	45	38.90	11.90	34.40	6.17	91.37
1000300785	American Air Liquide-Glasgow	SM	2.0	13.5	32.5	128.75	123.5					
1000300023	Amtrak Wilmington Maintenance Facility	TV	155.5	94.75	245	158.25	36	3.86	0.30	0.02	2.42	6.60
1000300059	Arlon, Inc.	SM	41.0	192.5	114.5	16.5	41.25					
1000300106	AstraZeneca Pharmaceuticals, LLC-Fairfax	SM	78.5	397.5	226	218.25	119	6.85	0.16	0.15	0.51	7.67
1000300107	AstraZeneca Pharmaceuticals, LLC-Newark	SM	49.0	195	44.5	81	16					
1000300003	BASF Corporation - Newport	TV	131.5	390.5	86.5	839	312.25	10.51	2.06	0.17	24.01	36.75
1000100026	Bayhealth Medical Center-Kent General	SM	41	64	57.5	107.75	83.75	2.52	0.03	0.03	0.24	2.82
1000500036	Bayhealth Medical Center-Milford Memorial	SM	35.5	28.5	71	44.5	30					
1000300782	Bilcare Research Inc.	SM	41.5	7.5	0	88.5	57.5					
1000300600	Bracebridge Corp. - Bracebridge (Subsidiary BOA)	SM	0	0.5	27.75	45.25	35.75					
1000300599	Bracebridge Corp. - Christiana (Subsidiary BOA)	SM	0	10.5	0	13.5	44					
1000300277	Bracebridge Corp. - Deerfield (Subsidiary BOA)	SM	0	0	0	6.5	44.5					
1000300317	Calpine Mid-Atlantic Generation-Christiana Energy Center	TV	30.75	98.75	15.5	135.5	37	0.93	0.17	0.42	0.00	1.52
1000300005	Calpine Mid-Atlantic Generation-	TV	25.25	82.75	15	64.75	7	0.17	0.04	0.09	0.00	0.30

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Facility ID #	Company Name	Class	2015 Hours	2014 Hours	2013 Hours	2012 Hours	2011 Hours	2011 NO _x (TPY)	2011 PM ₁₀ (TPY)	2011 SO ₂ (TPY)	2011 VOC (TPY)	2011 Total Emissions (TPY)
	Delaware City Energy Center											
1000300007	Calpine Mid-Atlantic Generation-Edge Moor	TV	356.5	370	498.5	676.75	244.25	346.24	4.52	83.11	25.02	458.89
1000300388	Calpine Mid-Atlantic Generation-Hay Road	TV	594.25	547.75	437.75	341	292.5	601.80	5.15	11.20	33.46	651.61
1000300006	Calpine Mid-Atlantic Generation-West Energy Center	TV	29.75	54.75	16.75	104	11	0.40	0.10	0.28	0.00	0.78
1000300080	Christiana Care Health Services - Christiana Hospital	TV	121.75	189.5	405.5	189.5	187.75	14.17	0.09	0.13	0.80	15.19
1000300024	Christiana Care Health Services - Wilmington Hospital	SM	3	15.75	90	22.5	0					
1000300068	Christiana Materials, LLC	SM	10	107	40	167	55.5					
1000100002	City Of Dover - McKee Run Generating Sta	TV	90.5	307.5	158.5	100.25	75.5	43.92	0.11	0.30	0.75	45.08
1000100076	City Of Dover-Van Sant Generating Sta	TV	153.25	124.75	95.5	68.5	42.25	3.01	0.12	0.50	0.03	3.66
1000300290	Clean Earth Of New Castle Inc.	TV	394.25	281.75	128.75	227.75	151.5	19.63	5.34	6.81	3.32	35.10
1000100219	Coastal Coatings Inc. - Dover	SM	3.25	2.5	10	0	1.5					
1077700162	Coker Concrete	SM	6	58.25	122.75	0	9.5					
1000300506	Computer Sciences Corporation	SM	16	1.5	35.5	0	18.5					
1000300593	Conectiv Thermal Systems	SM	68	5.5	6	36	35					
1000300066	Contractors Materials LLC - Heald Street	SM	66	0	0	55.5	58					
1077700800	Corrado Construction Co. LLC	SM	0	2	39.5	29	5					
1000300058	Croda, Inc	TV	463.25	485.75	457	354.75	519.5	24.29	1.83	0.12	4.49	30.73
1000300351	Dana Railcare	SM	1.25	4	56	58.5	0					
1000300365	Dassault Falcon Jet-Wilmington Corp.	TV	169	118.75	351.25	91	117.25	1.07	0.01	0.01	13.52	14.61
1000300016	Delaware City Refining Co.- Delaware City	TV	2566	3032	3108	3517.25	2479.75	1071.52	238.01	333.17	302.56	1945.26
1000300404	Delaware City Refining Co.- Marketing Terminal	TV	97.75	0	126	0	125	0.02	0.00	0.00	18.00	18.02
1000100005	Delaware Hospital For The Chronically II	SM	46.5	32.25	102.75	144.75	45					
1000300827	Delaware Park Horse Racing Track	SM	30	0	0	7	0.5					

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Facility ID #	Company Name	Class	2015 Hours	2014 Hours	2013 Hours	2012 Hours	2011 Hours	2011 NO _x (TPY)	2011 PM ₁₀ (TPY)	2011 SO ₂ (TPY)	2011 VOC (TPY)	2011 Total Emissions (TPY)
1000300415	Delaware Recyclable Products, Inc.	SM	23	0.75	78.5	33.75	13.5					
1000300111	Delaware Solid Waste Authority, Cherry Island	TV	416.75	449.5	141.25	392.75	646.75	1.26	0.61	3.32	7.16	12.35
1000100068	Delaware Solid Waste Authority, Sandtown	TV	141	187.75	143.5	118.75	114	4.80	2.00	7.70	1.48	15.98
1000500099	Delaware Solid Waste Authority, Southern	TV	202.25	440	138	228	136.25	0.80	0.30	4.90	4.56	10.56
1000100066	Delaware State University	TV	123.25	243.75	352	257.25	139.5	3.45	0.04	0.30	0.18	3.97
1000300508	Department of Corrections Howard R. Young	SM	10.5	27.5	27.5	18	0					
1000300090	Department of Corrections James T. Vaughn - Smyrna	TV	18.25	56	166	235.25	126.5	4.65	0.07	0.08	0.49	5.29
1000300077	Department of Veterans Affairs Medical Center	TV	104.5	49.25	163	275.75	156	3.55	0.03	0.05	0.61	4.24
1000300069	Diamond Materials, LLC	SM	87.5	108	143	5.5	37.5	4.44	4.66	0.46	3.29	12.85
1077700233	Diamond Materials - Roving Crusher	SM	48.5	90	76	58	4.5					
1000100001	Dover Air Force Base	TV	352.75	270.75	697.25	493.5	568.25	23.48	0.67	0.96	22.31	47.42
1000100118	Dover Downs Gaming & Entertainment, Inc.	SM	54	32.5	22.5	2	36					
1000300126	DuPont Chestnut Run	TV	85	157.75	277.5	258	193.25	48.31	7.03	66.97	2.60	124.91
1000300010	DuPont Titanium Technologies - Edge Moor	TV	89.75	267	378.25	499.5	533.5	27.46	22.20	18.00	99.40	167.06
1000300011	DuPont Experimental Station	TV	471.25	576.5	627	451.25	586.25	179.76	27.47	247.73	8.26	463.22
1000300673	DuPont Red Lion Plant	TV	57.25	147.5	97.5	142.5	257.5	23.11	0.70	45.51	1.82	71.14
1000300279	DuPont Stine - Haskell Laboratory	TV	168.25	240.5	57.5	254.5	78.5	9.17	0.53	5.10	2.70	17.50
1000300049	DuPont Wilmington Office Building	TV	85.25	78.5	161.5	146	67	5.70	0.09	0.69	0.30	6.78
1000500194	Eastern Shore Natural Gas - Bridgeville	SM	74.25	20.25	74.25	23.5	6.75					
1000300462	Eastern Shore Natural Gas-Delaware City	SM	365.5	73	49.5	116.25	26					
1000300040	Edgemoor Materials, Inc.	SM	134	5	0	268.25	0					
1000300822	First States Investors 5200	SM	25.5	27.5	0	19	0					
1000300051	FMC Corporation	TV	244.75	601.25	717	656	97.25	31.38	19.05	0.19	2.97	53.59
1000300027	Formosa Plastics Corporation	TV	289.25	335.75	393	248.5	195.75	31.95	19.21	0.22	59.45	110.83

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Facility ID #	Company Name	Class	2015 Hours	2014 Hours	2013 Hours	2012 Hours	2011 Hours	2011 NO _x (TPY)	2011 PM ₁₀ (TPY)	2011 SO ₂ (TPY)	2011 VOC (TPY)	2011 Total Emissions (TPY)
1000300498	Ge Energy-Ceramic Composite Products, LLC	SM	51	305.25	133.5	163.5	14					
1000100099	HandyTube Corporation	TV	47.5	60	323	47.5	73	0.00	0.00	0.00	6.40	6.40
1000100083	Hanesbrands, Inc.	SM	0	0	0	42.5	0					
1000100024	Hanover Foods Corporation	TV	233	182.5	89	257	28.25	2.63	0.04	0.46	0.13	3.26
1000100067	Hirsh Industries, Inc.	TV	241.5	43	75.5	33.25	171	1.25	0.01	0.01	18.26	19.53
1000300087	IKO Production Wilmington Inc	SM	157	101	186.25	88.75	64.5					
1000100011	ILC Dover, LP - Frederica	SM	29	28	15	40.5	14.5	0.00	0.00	0.00	3.33	3.33
1000500001	Indian River Power LLC	TV	265.25	356.25	553	599.25	971.5	2352.47	663.74	9194.44	17.31	12227.96
1000300367	International Petroleum Corp Of Delaware	SM	145	2	10.25	31.75	15					
1000300686	JP Morgan Chase - 4001 Governor Printz Blvd.	SM	0	0.5	0	0	0					
1000300687	JP Morgan Chase - Bear Christiana Road	SM	63.0	20	4	0	0					
1000300804	JP Morgan Chase - Morgan Christiana Center	SM	24.5	0	4.5	90	0					
1000500066	Justin Tanks, LLC	TV	113	75	62.5	79.75	55.5	0.18	0.02	0.22	5.90	6.32
1000100007	Kraft Foods Inc.	SM	0	0	0	119.5	99.5					
1000300115	Kuehne Chemical Company	TV	320.75	92	148	137	331	2.38	0.01	0.01	0.07	2.47
1000300907	Lars Recycling	SM	0									
1000300083	Linde LLC	SM	17	0	0	89.5	60.5					
1000300847	MAGCO Inc.	SM	94	0	0	63.25	0					
1000300291	Magellan Midstream Partners	TV	293.5	202.25	56.5	332.75	457.25	1.58	0.18	2.85	38.53	43.14
1000300803	McConnell Johnson - 1201 North Market	SM	65	0	37.25	14.75	0					
1000300383	Medal L P, Air Liquide	SM	17.5	29.5	98.5	49.5	70.5					
1000100081	Metal Masters Foodservice Equipment Co.	SM	8	2	23	13	0					
1000300516	Micropore, Inc.	SM	14.75	77.5	12	8.5	13	0.00	0.00	0.00	2.50	2.50
1000300646	Middletown Materials, LLC	SM	16	111	186.5	38	21.5					
1000500037	Nanticoke Memorial Hospital	SM	24.5	35	22.5	32.5	22					
1000300142	News Journal Company	SM	4.5	8	41.5	69	8.5					
1000300324	Noramco Inc.	TV	228.25	220.5	24	43	28					
1000100127	NRG Energy Center Dover, LLC	TV	232	629.5	407.25	193.5	496.75	273.40	75.54	1274.11	2.05	1625.10
1000500011	Orient Corporation Of America	SM	25.5	0	42.75	97	159.25					

**2015 Title V Fee Committee Status Report
July 15, 2016**

Facility ID #	Company Name	Class	2015 Hours	2014 Hours	2013 Hours	2012 Hours	2011 Hours	2011 NO _x (TPY)	2011 PM ₁₀ (TPY)	2011 SO ₂ (TPY)	2011 VOC (TPY)	2011 Total Emissions (TPY)
1000500093	OSG Ship Management, Inc.	TV	68.25	65.5	319	321.75	153.5	0.07	0.00	0.00	764.35	764.42
1000500133	Pats Aircraft Systems	SM	40	67.5	6.5	68	250.75					
1000500146	Perdue Farms Agrirecycle, LLC	SM	24.25	0	62.75	46.5	87	15.57	5.19	0.00	0.01	20.77
1000100075	Perdue Farms, Inc - Milford	SM	23.25	0.75	67	10.5	19.75	5.58	0.04	0.14	0.29	6.05
1000500003	Perdue Grain & Oilseed LLC - Bridgeville	SM	32	16.75	148.5	26.25	28.25	5.23	33.87	1.48	0.28	40.86
1000300166	Polymer Technologies, Inc.	SM	1	7	119	127.5	0					
1000300509	Port Contractors	SM	14	69.75	57.5	5	206.5					
1000300288	Prince Minerals, Inc.	SM	57	58	6.5	26	143.75					
1000300093	Printpack, Inc.	TV	278.5	12.5	59	80.5	192.5	3.12	0.02	0.02	44.34	47.50
1000100004	Procter & Gamble Dover Wipes Company	SM	0	0	0	35	54					
1000300463	Pure Green Industries, Inc Refined Products Company (PGR Holdings)	SM	64.75	115.25	15	4	18.5					
1077700904	R & M Recycling	SM	9	36.5	32	0	0					
1000500081	River II LLC	SM	102	86.5	72.75	189	112.25					
1000300033	Rohm & Haas Electronic Materials, Cmp, Inc.	TV	642	313.5	210	137	185.75	3.53	0.42	0.05	6.93	10.93
1000500009	Sea Watch International, Ltd.	SM	30	20.5	20.5	19.5	25.5					
1000300125	Siemens Healthcare Diagnostics - Glasgow	SM	189	256.5	92.5	109	0.75					
1000500021	SPI Pharma, Inc.	SM	41	47.5	117.5	79.25	184.25					
1000300133	St Francis Hospital	SM	0	66.5	40.5	167	0					
1000300021	Sunoco Partners Marketing & Terminals LP	TV	285.25	168	99.25	95.25	373	53.60	29.99	23.67	46.07	153.33
1000300482	Transflo Terminal Service, Inc.	SM	36.25	0	41.5	49.75	0					
1000100259	Tri-County Materials, LLC	SM	110.75	69.75	46.5	0	0					
1000300903	United Water Delaware Inc. - Bellevue	SM	18.5	0	0	0	0					
1000300457	United Water Delaware Inc. - Stanton	SM	29.5	7.5	0	0	0					
1000300022	University Of Delaware, Newark	TV	121	214	321.5	378	489.5	19.81	0.32	0.23	3.88	24.24
1000300806	VeriSign Inc.	SM	53.25	0	0	57	0					

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Facility ID #	Company Name	Class	2015 Hours	2014 Hours	2013 Hours	2012 Hours	2011 Hours	2011 NO_x (TPY)	2011 PM₁₀ (TPY)	2011 SO₂ (TPY)	2011 VOC (TPY)	2011 Total Emissions (TPY)
1000100152	Warren F Beasley Power Station (DEMEC)	TV	227.5	193.75	307.5	336.25	428.5	1.73	0.52	0.07	4.27	6.59
1000300389	Wilmington Wastewater Treatment Plant	TV	212.75	85.25	368.25	104	64.25	4.38	0.09	0.65	0.88	6.00
1000300929	WX Delaware (Formerly Fisker)	TV	71	0	0	47.5	351.25	11.33	0.05	0.6	0.55	11.99

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Appendix B: 2015 Title V Monthly Expenses & Revenue

2015 Title V Monthly Expenses & Revenue							
MONTH	EXPENSES						REVENUE
	Salary	Energy	Travel	Contractual	Supplies	Capital Outlay	
January	\$170,405.90	\$ -	\$885.62	\$179,809.54	\$10,187.31	\$ -	\$479,793.75
February	\$160,783.81	\$ -	\$89.36	\$12,992.80	\$3,300.36	\$ -	\$1,525,804.24
March	\$199,227.34	\$ -	\$331.33	\$10,414.64	\$757.14	\$ -	\$420,320.45
April	\$178,788.80	\$ -	\$1,149.28	\$119,064.85	\$2,595.35	\$ -	\$ 90,599.21
May	\$213,563.40	\$ -	\$1,895.89	\$43,438.08	\$16,315.45	\$ -	\$451,626.92
June	\$166,408.94	\$ -	\$666.01	\$52,136.55	\$7,204.34	\$ -	\$27,170.75
July	\$129,405.33	\$ -	\$33.89	\$8,273.56	\$ 2,248.84	\$ -	\$21,446.56
August	\$133,556.38	\$ -	\$16.74	\$10,311.33	\$209.41	\$ -	\$17,504.44
September	\$145,833.90	\$ -	\$ 205.50	\$64,451.12	\$3,582.57	\$ -	\$15,688.10
October	\$191,930.73	\$ -	\$1,787.44	\$10,540.26	\$1,180.30	\$ -	\$5,603.68
November	\$153,319.75	\$ -	\$1,582.85	\$25,051.04	\$2,152.17	\$ -	\$74,956.63
December	\$190,150.78	\$ -	\$810.04	\$304,266.66	\$46,381.53	\$ -	\$ 14,720.50
2015 Totals	\$ 2,033,375.06	\$ -	\$9,453.95	\$840,750.43	\$96,114.77	\$ -	\$ 3,145,235.23
2015 Total Expenses	\$2,979,694.21						