

April 2019 Report to the Citizens Advisory Council
(New and updated information in italics)

DEP Highlights

PFAS Update

On September 21, the Governor announced several actions to address growing concerns about PFAS contamination. Through an Executive Order, the Governor established a multi-agency PFAS Action Team. The team, led by DEP, will be responsible for developing a comprehensive response to identify and eliminate the sources of PFAS contamination, address strategies to deliver safe drinking water, manage environmental contamination, explore funding for remediation efforts, and increase public education. The Commonwealth will prioritize the hiring of state toxicologists. The Governor also sent a letter to EPA Acting Administrator Wheeler to again urge EPA to move forward to establish MCLs for PFOA and PFOS. DEP believes that EPA must take a leadership role and work with other states and federal agencies to address PFAS in a holistic manner. Letters were also sent to PA's congressional delegation to request their support for proposed legislation that provides funding to states to test, address, monitor and remediate PFAS contamination. More information can be found on DEP's PFAS website: www.dep.pa.gov/pfcs.

DEP is coordinating with PennDOT, the State Fire Commissioner, the Turnpike Commission, and the Department of Veterans and Military Affairs to gather information about the use and storage of fluorinated firefighting foams. A workgroup has been created to discuss proper disposal of fluorinated foams, review federal and state requirements/authorities, and assess possible alternative foams.

PFAS Action Team

The February 12 meeting was rescheduled due to inclement weather. The rescheduled public meeting was held on April 15 at Abington Senior High School. DEP Secretary and Action Team Chair, Patrick McDonnell, welcomed attendees and gave brief overview of the behind the scenes work that the state agencies are doing to advance the directives in executive order 2018-08. Included in this effort are advancements to secure a state toxicologist, initiating the process to set a defensible MCL, proposals for laboratory staff and equipment solely for PFAS testing, revised regulatory cleanup standards, and a state-wide drinking water sampling plan. A representative from the U.S. Environmental Protection Agency spoke about the PFAS Action Plan released earlier this year. Representatives from Aqua Pennsylvania, Horsham Township, and Horsham Water and Sewer Authority provided presentations on their role in managing PFAS contamination. Roughly twenty individuals provided remarks during the public comment portion of the meeting. DEP's comment period for public input on PFAS remains open through May 1, 2019.

(Editor's note: this is an agenda summary that was written and distributed prior to the April 15 meeting).

Federal Regulations

Recently Submitted DEP Comments

EPA and National Highway Traffic Safety Administration (NHTSA) Proposed Safer Affordable Fuel-Efficient (SAFE) Vehicle Rule for Model Years 2021-2026 Passenger Cars and Light Trucks

On January 30, 2019, DEP submitted a supplemental letter to our October 26, 2018 letter, stating that the agencies should include the analysis and findings of the Fourth National Climate Assessment released by the Trump Administration on November 23, 2018 in the analysis for the proposed rule. The SAFE rule seeks to amend or establish new CO₂ and fuel efficiency standards for new passenger cars and light duty trucks for model years 2021 – 2026 and freeze current CO₂ standards at model year 2021 levels in calendar year 2021. The NHTSA / EPA proposed rule threatens the ability of states like Pennsylvania to continue to adopt the more protective California standards and seeks to remove the ability of California to set its own standard. Given the findings of the Assessment regarding realized and projected effects of climate change, and the existence of clear scientific evidence that the nation and states cannot afford to forego cost effective, technologically feasible emission reduction strategies for significant sources of GHGs, DEP reiterated its request that the agencies withdraw the SAFE rule, or at a minimum, provide a comment period of sufficient duration for all stakeholders to analyze and comment on the proposed rule as a de novo rulemaking.

Regulatory Update (detailed summaries included in respective program sections)

Please refer to the [DEP Rolling Regulatory Agenda](#) for the full Regulatory Update.

- **Noncoal Mining Program Fees**: Adopted by EQB as final on August 21, 2018. Submitted for IRRC consideration on October 18, 2018. Withdrawn from consideration to make clarifying amendments to the rule. Resubmitted to EQB for consideration. EQB adopted, as amended, on December 18, 2018. *Delivered to IRRC and the House and Senate Environmental Resources and Energy Committees February 15, 2019. IRRC unanimously approved on March 21, 2019.*
- **OSM Program Consistency**: Adopted by EQB as proposed on May 16, 2018. Published as proposed on October 27, 2018, opening a 30-day public comment period. The public comment period closed on November 26, 2018. Three comments were received. IRRC comments were received on December 24, 2018.
- **Air Quality Fee Schedule Amendments**: Adopted by the EQB as proposed on December 18, 2018. *Planned for publication in April 2019, which will open the public comment period Three public hearings will be scheduled.*
- **Water Quality Management (WQM) and National Pollution Discharge Elimination System (NPDES) Permit Application Fees and Annual Fees**: Adopted by the EQB as proposed on December 18, 2018. *Planned for publication on March 30, 2019, opening a 45-day public comment period. One public hearing is scheduled for May 1, 2019 at 1pm at DEP's Southcentral Regional Office. Public comment period closes on May 14, 2019.*
- **Additional Requirements for Fine Particulate Matter in the Nonattainment New Source Review Program**: Adopted by the EQB as proposed on December 18, 2018. *Published on March 16, 2019, opening a 64-day public comment period. Three public hearings will be held at 1pm on April 16 (DEP's Southcentral Regional Office), April 17 (DEP's Southwest Regional Office), and April 18 (DEP's Southeast Regional Office). Public comment period closes on May 20, 2019.*
- **Water Quality Standards – Class A Stream Redesignations**: Adopted by the EQB as proposed on December 18, 2018. *Published on March 23, 2019, opening a 45-day public comment period. One*

public hearing is scheduled for April 26, 2019 at 1pm at DEP's Southcentral Regional Office. Public comment period closes on May 7, 2019.

Public Comment Periods

Proposals Open for Public Comment

- Environmental Assessment Approval for PENNVEST Funding Consideration – Municipal Authority of Bedford Borough (Closes 4/15/2019)
- Draft Alkaline Addition for Surface Coal Mines (Closes 4/29/2019)
- PFAS Public Input (Closes 5/1/2019)
- Proposed Rulemaking: Water Quality Standards – Class A Stream Redesignations (Closes 5/7/2019)
- Proposed Rulemaking: Additional Requirements for Control of Fine Particulate Matter in the Nonattainment New Source Review Program (Closes 5/20/2019)

Recently Closed Comment Periods

- Draft Soil and Sedimentation Control Manual for Agricultural Operations (Closed 3/6/2019)
- Coastal Zone Management Federal Consistency - USACE Conneaut Harbor Maintenance Dredging (Closed 3/11/2019)

Communications Monthly Press Releases

Press Releases Issued

February 4 – DEP Approves Report Detailing Cause of Advanced Disposal Services Greentree Landfill 2017 Slope Failure

February 4 – DEP Issues a Code Orange Air Quality Action Day Forecast for 20 Pennsylvania Counties

February 4 – DEP Orders Erie Coke Corporation to Submit Control Plan to Resolve Ongoing Violations

February 6 – DEP to Host Public Meeting Regarding Proposed Elcon Recycling Services Facility in Bucks County

February 8 – Department of Environmental Protection Issues Hold on All Energy Transfer Clean Water Permit Approvals and Modifications Due to Non-Compliance

February 13 – DEP Unveils Plan to Increase Electric Vehicle Use in Pennsylvania

February 20 – ADVISORY – Wolf Administration to Tour Flood-Prone Site, Discuss How Restore Pennsylvania Proposal Could Help Avoca Borough

February 22 – Wolf Administration Outlines Flood Prevention Benefits of Restore Pennsylvania for Luzerne County

March 4 – DEP Assesses \$1.5 Million Penalty Against Rice Midstream Holdings for Beta Pipeline Violations in Greene County

March 5 – DEP Issues Environmental Assessment Letter to Chrin Landfill Regarding Proposed Expansion in Northampton County

March 5 – ADVISORY – Wolf Administration to Tour Flood-Prone Site, Discuss How Restore Pennsylvania Could Assist Municipalities Coping with Flood Recovery

March 7 – Wolf Administration Tours York County Flood Site, Discusses How Restore Pennsylvania Would Help with Flood Protection

March 11 – DEP Reaches Settlement on Abandoned Wells

March 13 – DEP Releases Soil Sampling Results Regarding Lead Levels in Carbon County

March 14 – DEP Announces Statewide Surveillance of Ticks

March 14 – ADVISORY – DEP to Host Open House to Outline How Restore Pennsylvania Proposal Will Help Stream Maintenance

March 15 – Wolf Administration Names Environmental Excellence Award Winners

March 18 – ADVISORY – DEP to Hold Public Meeting and Hearing for Rolling Hills Landfill Expansion Application

March 18 – Wolf Administration Hosts Open House on How Restore Pennsylvania Program Can Fund Watershed-Scale Stream Restoration and Flood Recovery Efforts

March 19 – Pennsylvania Seeks Volunteers for Statewide Spring Cleanup, Beautification Effort

March 21 – ADVISORY – DEP to Hold Meeting on Application for Unconventional Drilling at Edgar Thomson Plant

March 25 – ADVISORY – Wolf Administration to Outline How Restore Pennsylvania Could Assist Communities with Failing Infrastructure

Active and Abandoned Mine Operations

Final Rulemakings

Noncoal Mining Program Fees

The Noncoal Mining Program Fees rulemaking includes increases that are phased in via three two-year increments. After these phases, the fees will be adjusted using an index for employment costs. The proposed rulemaking was published in the PA Bulletin on February 3, 2018 for public comment through March 5, 2018. One public comment was received. IRRC provided comments on April 4, 2018, seeking clarification on increased fees not exceeding program costs, the exploration of alternatives to address small business impacts, the implementation of automatic fee increases with respect to the three-year review cycle, and the need for more information on the application of cost indices. The draft was discussed with the Aggregate Advisory Board on May 9, 2018. It was considered by EQB as a final-form rulemaking on August 21, 2018 and was adopted. The rule was planned for consideration by IRRC on October 18, 2018 but was withdrawn to add clarifying language to the rulemaking. *The amended rulemaking was adopted by the EQB on December 18, 2018 and was approved by IRRC on March 21, 2019.*

Proposed Rulemakings

OSM Program Consistency

This proposed rulemaking would amend the coal mining regulations to achieve consistency with federal requirements. On April 6, 2017, the Mining and Reclamation Advisory Board (MRAB) recommended that the rulemaking should proceed to EQB as proposed. The EQB considered and adopted the proposed rulemaking at its May 16, 2018 meeting. The rule was published in the Pennsylvania Bulletin on October 27, 2018, opening a 30-day public comment period. The public comment period closed on November 26, 2018. IRRC comments were received on December 24, 2018. The final rulemaking will be reviewed with the MRAB at the April meeting.

Water Supply Replacement

The mining program is beginning the preliminary process for rulemaking to update the regulations for water supply replacement for coal mining. The MRAB's Regulatory, Legislative and Technical Committee met on April 19, 2018 to review concepts and provide input prior to the drafting of proposed changes. This was presented to the MRAB at their July 19, 2018, meeting. At their October 25, 2018 meeting, the MRAB recommended that the rulemaking proceed into the formal process. *The proposed rulemaking is in the internal review process and slated to be presented to the EQB in quarter 2 or 3 of 2019.*

Guidance Document Revisions

The Bureau of Mining Programs is systematically reviewing the library of Technical Guidance Documents to identify the documents which require changes. This process is ongoing. For detail, see the Department's Non-Regulatory Agenda. *Notably, the TGD relating to Liners (563-2112-656) requires substantial reworking to reflect its applicability to capping of coal refuse disposal sites.*

Board of Coal Mine Safety (BCMS)

The Board is currently considering possible improvements to the miner certification program. This is planned for discussion at the next meeting of the Board.

Air Quality

2010 Sulfur Dioxide (SO₂) NAAQS Attainment Demonstration SIP Revisions

DEP submitted the required SIP revisions for Beaver, Warren and Allegheny Counties on October 2, 2017, and for Indiana/Armstrong County on October 11, 2017. Completeness letters for these SIPs were received from EPA on October 5 and 13, 2017, respectively. On October 12, 2018, EPA published its approval of the Warren County SIP effective November 13, 2018.

EPA published its intent to approve the Indiana/Armstrong SIP on July 13, 2018, with the public comment period closing on August 13, 2018. EPA received seven comments. On October 5, 2018, EPA published its intent to approve the Beaver County SIP; the public comment period closed on November 5. EPA received comments from one commentator.

2012 Fine Particulate Matter (PM_{2.5}) NAAQS SIP Revisions

DEP has developed Maintenance Plan SIP revisions and Redesignation Requests for the Delaware County and Lebanon County 2012 annual PM_{2.5} NAAQS nonattainment areas. Notice of these SIP revisions and Redesignation Requests were published in the Pennsylvania Bulletin on November 10 and 24, 2018, respectively, with the comment periods ending on December 13 and 28, 2018, respectively. On January 23 and February 11, 2019, DEP submitted the Delaware and Lebanon County documents to EPA for approval, respectively.

Driving PA Forward Grants and Rebates

- The \$12 million Onroad Rebate Program opened on November 15, 2018. The application period was continuous until December 31, 2019, or until funds were exhausted on a first-come, first-served basis. *As of March 15, 2019, all \$12 million available was allocated to rebate vouchers. The program is now closed for applications and will reopen in 2020.*
- The \$6.4 million Class 8 Truck and Transit Bus Grant Program opened on November 15, 2018. Remaining application deadlines are 4:00 p.m. on May 10 and September 23, 2019. *Round 1 applications are being reviewed and scored for recommendations for funding.*
- The \$3 million DC Fast Charging and Hydrogen Fueling Grant Program remains open. Remaining application deadlines are 4:00 p.m. on July 15 and December 16, 2019. *Round 1 applications are being reviewed and scored for recommendations for funding.*
- The \$3 million Level 2 EV Charging Rebate Program also remains open. That application period is continuous until funds are exhausted on a first-come, first-served basis. *The program will close temporarily at the end of March for a clarification to the program guidelines. It is expected to reopen on or shortly after April 1, 2019.*
- The \$2.6 million FY2018 PA State Clean Diesel Grant Program opened on January 18, 2019. The application deadline was 4:00 p.m. on February 28, 2019. *Applications are being reviewed and scored for recommendations for funding.*

Businesses, nonprofits, government agencies, and other organizations are eligible to apply for all programs. More information is available at www.dep.pa.gov/DrivingPAForward.

Air Quality Rulemakings

Air Quality Fees

The Clean Air Fund constitutes approximately 60% of the Air Quality Program's budget and is comprised of two appropriations: The Major Emission Facilities (Title V) and Mobile and Area Facilities (Non-Title V) accounts. The Non-Title V account is anticipated to hit a zero balance sometime in FY 2019-20 and the Title V account will reach a zero balance sometime in FY 2023-24.

The proposed rulemaking will affect approximately 500 Title V facilities and 2,100 non-Title V facilities permitted by DEP. The proposed rulemaking will also impact the owners/operators of approximately 5,000 asbestos projects per year. Total additional revenue from the rulemaking is expected to be approximately \$14 million per year.

The draft proposed fee rulemaking was presented to the Air Quality Technical Advisory Committee (AQTAC), the CAC and the Small Business Compliance Assistance Committee (SBCAC) on June 14, July 17, and July 25, 2018, respectively. The committees concurred with the Department's recommendation to present the proposed rulemaking to the EQB. The CAC had a few suggested changes but also concurred with moving the proposal to the EQB. The proposed rulemaking was approved unanimously by the EQB on December 18, 2018, for public comment. *Publication is scheduled for April 2019 with a 66-day comment period and three public hearings to be held in May.*

Low Volatility Gasoline Requirement for the Pittsburgh–Beaver Valley Area

DEP's requirement for reduced volatility gasoline in the seven-county Pittsburgh—Beaver Valley area was removed on January 22, 2019. However, Allegheny County has a separate enforceable county regulation. *On March 20, 2019, DEP submitted to EPA the Allegheny County Health Department's (ACHD) SIP revision to remove the county regulation from the SIP. EPA's SIP approval will not be final before the county summer low-volatility gasoline requirement starts on May 1, 2019; however, ACHD has announced that it will suspend enforcement of its regulation. In addition, the Bureau has provided ACHD with information and a contact at EPA to seek a "No Action Assurance" from EPA until the SIP revision is approved.*

Revision of Sulfur Limits in No. 2 and Lighter Commercial Fuel Oil

The proposed rulemaking would reduce the maximum allowable sulfur content limit for No. 2 and lighter commercial fuel oil, generally sold for and used in residential and commercial oil heat burners and furnaces, from the current limit of 500 parts per million (ppm) of sulfur to 15 ppm. Emissions of SO₂ contribute to the formation of regional haze, which degrades visibility in many American cities and scenic areas, and PM_{2.5}. Philadelphia and the surrounding states have already lowered their allowable sulfur content to 15 ppm. The draft proposed rulemaking Annex A was presented to the SBCAC, AQTAC, and CAC on January 24, February 8, and February 20, 2018, respectively. DEP will be presenting the proposed rulemaking to the EQB on *April 16, 2019*.

Additional Requirements for Fine Particulate Matter in the Nonattainment New Source Review Program

This proposed rulemaking amends 25 Pa. Code Chapter 127, Subchapter E (relating to new source review) to incorporate Federal requirements issued by EPA on August 24, 2016, for the regulation of precursor emissions to the formation of particulate matter less than and equal to 2.5 micrometers in diameter (PM_{2.5}). The EPA's final rule requires states with nonattainment areas for PM_{2.5} to amend their new source review (NSR) regulations to include emissions of volatile organic compounds (VOC) and ammonia as PM_{2.5} precursors (see 2012 PM_{2.5} NAAQS SIP Revisions above).

On April 6, 2018, EPA published a finding of failure stating that Pennsylvania failed to submit the needed SIP revisions. This finding started 18- and 24-month periods during which Pennsylvania must either submit complete SIP revisions or become subject to mandatory sanctions. This finding also established a 24-month deadline by which EPA must either approve a SIP or finalize a Federal implementation plan that addresses the necessary revisions. The expiration date for the 18-month EPA sanction clock is November 7, 2019, and the 24-month sanction clock expires on May 7, 2020.

The Department presented the draft proposed annex to the SBCAC, the AQTAC, the CAC Policy and Regulatory Oversight Committee, and the CAC on July 25, August 2, August 21, and September 18, 2018, respectively. The proposed rulemaking was approved unanimously by the EQB on December 18, 2018. *The 60-day public comment period opened on March 16, 2019. Hearings are scheduled for April 16, 17 and 18 in SCRO, SWRO and SERO, respectively.*

Control of Existing Sources of Emissions from the Oil and Natural Gas Industry

On October 27, 2016, EPA published Control Techniques Guidelines (CTG) for the Oil and Natural Gas Industry. On December 13, 2018, the Department presented Preliminary Draft Proposed RACT Regulations for the Oil and Natural Gas Industry to AQTAC. The proposed rulemaking would establish RACT requirements for VOCs from existing oil and natural gas production facilities, compressor stations, processing plants, and transmission stations. The proposed control measures would also reduce methane emissions as a co-benefit. *DEP anticipates presenting the draft proposed rulemaking to AQTAC, SBCAC and CAC on April 11, April 17 and May 22, 2019, respectively.*

Stage II Vapor Recovery Revision

With the advent of onboard vehicle vapor recovery systems, Stage II vapor recovery at the gasoline pump has become redundant and, in some cases, counterproductive. The Department presented Preliminary Draft Proposed Amendments to the Stage II Vapor Recovery Regulations to AQTAC on December 13, 2018. The proposal requires decommissioning of vacuum-assisted vapor recovery at the pump in the 5-county Philadelphia and 7-county Pittsburgh-Beaver Valley areas. However, it would add requirements for annual leak testing, low-permeation hoses, and dripless nozzles. *DEP anticipates presenting the draft proposed rulemaking to AQTAC, SBCAC and CAC on April 11, April 17 and May 22, 2019, respectively.*

Energy Programs Office

Finding Pennsylvania's Solar Future

The final Pennsylvania Solar Future Plan was released at a stakeholder meeting on November 14 at Messiah College, in Mechanicsburg. The draft Strategy Support Guide, which details how stakeholders can begin implementing the 15 strategies identified in Pennsylvania's Solar Future Plan has been placed on the collaborative worksite and was discussed with Stakeholders during a web meeting on January 17. The final PA Solar Future quarterly stakeholder meeting *was held* March 27 in Harrisburg. This *was* a mid-course review regarding how implementation of the strategies is progressing and an opportunity to seek feedback on adjustments to the strategies already developed.

Alternative Fuel Incentive Grant (AFIG)

The AFIG Program offers grant funding for clean, alternative fuel projects in Pennsylvania, and investment in Pennsylvania's energy sector. The second application acceptance period of the 2018 AFIG Program ended December 14, 2018. 39 applications were submitted via the PA DCED's Electronic Single Application system. *Recommendations have been approved and announcements will be made soon. Draft guidance for the 2019 AFIG program has been developed and submitted for review. The program is anticipated to reopen in late April 2019.* Approximately \$5 million in grant funding is available for school districts, municipal authorities, political subdivisions, nonprofit entities, corporations, limited liability companies, or partnerships incorporated or registered in the Commonwealth.

EV Everywhere

The next Drive Electric PA Coalition meeting is planned for July 22, 2019 at the Delaware Valley Regional Planning Commission (DVRPC). DVRPC is located at 190 North Independence Mall West, Philadelphia, PA 19106. DEPA Coalition will have a final stakeholder meeting for 2019 on Thursday, November 21, 2019 (10AM – 2PM) at the Pennsylvania Turnpike Commission Headquarters on 700 S. Eisenhower Blvd., Middletown, PA 17057. Details on the upcoming meetings, including agendas and any presentations, will be posted on DEP's website here: <https://www.dep.pa.gov/Business/Energy/OfficeofPollutionPrevention/State-Energy-Plan/Pages/Drive-Electric-PA-Coalition.aspx> .

Industrial Energy Efficiency Technical Assistance

The 2015 Climate Action Plan (CAP) and the 2018 CAP update contain work plans that call for significantly increasing the number of energy assessments for the manufacturing sector. The current PA DEP SEP (State Energy Plan) proposal directly coincides with the CAP recommendations. For state fiscal year 2018-19, DEP contracted with the Pennsylvania Technical Assistance Program at the Pennsylvania State University (PennTAP) and the Emerging Technology Applications Center (ETAC) to provide energy efficiency technical assistance targeting the Industrial sector of energy consumers. Six site assessments (75% of goal) were completed by ETAC and 25 (83% of goal) were completed by PennTAP to date. *The Energy Assessments represented the metal fabrications, food, recycling, newspaper, metal finishing, chemicals, rubber and plastics and lumber, word and paper industries. The type of assessments were: lighting, compressed air, heat exchangers, HVAC, variable frequency drive motors and process heating.*

State Energy Program (SEP)

DOE's Office of Energy Efficiency and Renewable Energy's (EERE's) manages the State Energy Program (SEP), which provides funding to the states and territories to increase market transformation of energy efficiency and renewable energy technologies through policies, strategies, and public-private partnerships that facilitate their adoption and implementation. DEP received a total of \$1,858,460 for the first year of the 3-year grant, beginning July 1, 2018 and ending June 30, 2019. SEP 2018 energy activities underway include technical assistance to small and medium-size businesses, training for local governments and schools,

comprehensive energy planning, energy assurance efforts, and a regional pooled municipal energy efficiency purchasing program. The EPO staff received a letter in January from the U.S. DOE regarding the financial survey indicating there were no findings or recommendations. The EPO staff are currently preparing a plan and budget for the 2019 – 2020 State Energy Program Plan for submittal to the U.S. DOE by April 30, 2019.

Climate Change Advisory Committee (CCAC)

EPO's consultant, ICF, presented the DRAFT Pennsylvania Climate Action Plan (CAP) 2018 Update to the CCAC during the December 4, 2018 meeting. Committee members were asked to provide feedback on the CAP by December 21. DEP staff revised the CAP to incorporate committee feedback and provided a final draft to the CCAC on March 8, 2019. Committee members had until March 29 to submit letters documenting areas of agreement and disagreement to be included as an appendix to the final CAP. The 2018 Pennsylvania Greenhouse Gas Inventory was finalized and shared with the CCAC and posted on the CCAC website. The next CCAC meeting is scheduled for April 23, 2019 and will focus on transportation.

Commercial Property Assessed Clean Energy Program (C-PACE)

On June 12, 2018, Governor Tom Wolf signed Senate Bill 234, establishing C-PACE, a financing mechanism enabling low-cost, long-term funding for energy efficiency, renewable energy, and water conservation upgrades to commercial, agricultural, and industrial properties. PACE enhances property values and employment opportunities while lowering the costs of doing business. Currently, 33 states plus the District of Columbia have authorized PACE financing for clean energy and energy efficiency projects. EPO staff are taking part in the U.S. Department of Energy (DOE) C-PACE Workgroup, which has multiple partners involved in existing C-PACE programs throughout the country. In PA, local government and not-for-profit energy stakeholders have been in discussions around the development of a program to help launch efforts for municipalities in the Commonwealth. The Philadelphia Energy Authority (PEA), Sustainable Energy Fund and other stakeholders hosted a series of meetings across the Commonwealth in fall of 2018 to collect input into the development of an intentionally state-wide consistent program. A draft plan for stakeholder comment received 45 sets of comments and is being revised with a final program outline available in the Spring. PEA anticipates having some minor variations and have a program ready for use by property owners in summer. The partners are using the website: <http://pennsylvaniacpace.org/> to keep all stakeholders up-to-date.

Building Energy Code Trainings

DEP has contracted with the Pennsylvania Municipal League and Performance Systems Development (PSD) to provide building code officials, contractors, design professionals and builders with training on the 2015 International Energy Conservation Code (IECC) for residential and commercial construction projects in the upcoming months. A series of workshops, webinars and specialized (circuit rider) trainings have been planned. The in-person commercial and residential 2015 IECC trainings are completed. Four webinars are planned on the 2015 IECC for both the residential and commercial sectors for March 28, 2019, April 24, 2019, May 22, 2019 and June 5, 2019.

Building Retuning Training (BRT) Facility Operations Workshop: The Pennsylvania Technical Assistance Program (PennTAP) held the second of three BRT workshops on Wednesday, February 27, 2019 at Community College of Allegheny County Boyce Campus in Monroeville, PA. Duquesne Light Co provided two speakers: an expert on their rebate program from MCR, and another who partners with Duquesne Light and helps schools understand their retrofit potential. The workshop focuses on BRT principles, including energy benchmarking and creating an energy-conscious facility. There were 29 attendees at the workshop. The turnout was attributed, in part, to the BRT workshop being accredited for BOC maintenance credits. The third and final BRT workshop has been scheduled for May 16, 2019. The Class will be held at the Beaver Valley Intermediate Unit and will include two building walkthroughs.

Building Operator Certification (BOC): DEP's contractor, National Sustainable Structures Center, is planning four BOC classes for 2019. BOC is presented as a series of sessions. The class series began on

February 5, 2019 in Pittsburgh. *The Harrisburg session was canceled due to low registration numbers. Two additional classes are planned for Philadelphia with a start date of April 17 and in Williamsport beginning April 16, 2019.*

Environmental Cleanup and Brownfields

Storage Tank Advisory Committee (STAC)

The next STAC meeting is scheduled for *June 4, 2019*, at 10:00 a.m. in Room 105 in the RCSOB, 400 Market Street, Harrisburg. *STAC held its first meeting of calendar year 2019 on March 5. The committee membership list was reviewed and it was noted that 14 of the 16 committee positions are filled. Currently, a local government and the Pennsylvania Petroleum Association membership are vacant. An overview of the recently revised Chapter 245 (Administration of the Storage Tank and Spill Prevention Program) regulations was provided. These amended state requirements incorporate increased testing of required equipment to help ensure storage tank equipment function as designed. DEP discussed recent policy decisions and reviewed a new web page dedicated to regulatory amendments. All technical guidance documents presented at the meeting are existing; however, revisions were necessary due to recent regulatory amendments.*

Cleanup Standards Scientific Advisory Board (CSSAB)

The next CSSAB meeting is scheduled for *June 12, 2019*, at 9:00 a.m. in Room 105 in RCSOB, 400 Market Street, Harrisburg.

Proposed Rulemaking, 25 Pa. Code, Chapter 250 (relating to Administration of Land Recycling Program)

The Land Recycling Program is developing a proposed rulemaking to update Statewide health standard medium-specific concentrations (MSCs) listed in Appendix A of Chapter 250. Additional changes to the regulations may be needed to clarify regulatory language, update outdated information, and to make other corrections. *The Department presented draft regulatory language and MSC tables to the CSSAB at the February 13, 2019, meeting.*

Land Recycling Program Technical Guidance Manual (TGM) Addendums

The final revised Land Recycling Program TGM was published on January 19, 2019. Additional information regarding two remedial technologies will be added to the TGM as addendums. The first addendum is "The Use of Caps as Engineering Controls," which is proposed to be an appendix to Section II of the TGM and will help inform remediators and regional office staff of recommended best practices for caps. This proposed TGM addendum was discussed at the February 13, 2019, CSSAB meeting. The second TGM addendum will provide guidance on the use of vertical soil mixing as a remediation technology to address historic pesticide contamination on agricultural lands. This guidance addendum will be discussed at the June 12, 2019, CSSAB meeting.

Environmental Education

DEP Environmental Education Grants Program

Currently, the grant applications are being disseminated and the applications have all been rated and were reviewed by a minimum of three agency professionals. Those programs that are selected to receive a General or Mini-Grant will be announced in conjunction with Earth Day. This round of grants will feature a General Grant round for projects that have a regional or statewide impact and can be funded up to \$25,000. The Mini-Grant program will again be offered for more localized projects providing funding up to \$3000. Funded through the Pennsylvania Environmental Education Act of 1993, this program was designed to promote Environmental Education principles that encourage the public to promote a healthy environment; foster an understanding of the

natural world functioning; and promote an understanding of the necessity for environmental protection and sound resource management.

PA Falcon Reintroduction Program

Nesting activity is underway. Currently, four eggs had been laid and are incubated by both adults. This office anticipates hatching on or around April 24. Peregrine falcon events have been scheduled including the annual Peregrine Falcon Teacher Workshop which is scheduled for Thursday, April 4. In addition, the Falcon Banding Event has been scheduled for May 17. Updates on the falcons on regularly provided to DEP's Communications Office to continue to generate more visitors to PA FalconCam.

Update from the PA Watershed Education Task Force

The Stroud Center, PDE, DCNR and DEP continue to cooperate on this task force therefore providing additional educational opportunities in 2019 for MWEE training, STEM, Watershed Education, and stormwater workshops. DCNR, DEP and the Stroud Center are offering an entire series of workshops and initiatives to promote the establishment of MWEEs within the schools of Pennsylvania. Outreach efforts are also being directed to the Pa. Association of Environmental Educators (PAEE). *In March this task force met to map out strategies for 2019. This will include additional professional development opportunities, continue to develop an Environmental Education Providers across PA, an inventory providing educators a quick source for environmental education providers in their area, and the upcoming Environmental Education survey which is part of the Chesapeake Bay Agreement.*

"Weathering the Storm" Stormwater Workshop

Three workshops, designed to promote stormwater projects were delivered in February and March. The first was held at the Lebanon County Agricultural Center and featured collaboration between the Lebanon County Conservation District. The second in this series of stormwater workshops was held on March 5 hosted by Susquehanna River Basin Commission (SRBC). Aside from SRBC, Penn State Extension assisted with this event through the presentation of their "Rain to Drain" curriculum. The third workshop was held at Lycoming College, Williamsport. Additional agencies and organizations collaborated on this workshop including Lycoming College's Cleanwater Institute, Penn State Extension and Penn State Master Gardeners. All three workshops were well received based on the evaluations participants provided. These stormwater workshops are an effort the Environmental Education office will continue to offer for 2019. Currently, plans are underway to deliver another series of workshops in Blair County and, adding an additional portion of the Commonwealth, the Philadelphia area.

Envirothon

DEP and the PA Envirothon recently completed a grant agreement designed to support the largest, longest established, statewide environmental education program in the Commonwealth. These funds are utilized by the PA Envirothon to provide the necessary educational materials for each county and will be distributed by their respective County Conservation Districts. The state event, which culminates with the state champions being crowned, will be held May 21 and 22 on the campus of the University of Pittsburgh-Johnstown.

Earth Day Celebration at the Governor's Residence

Scheduled for April 22, the DEP Environmental Education Office is working with DCNR, the First Lady's Staff, the staff of the Governor's Residence to develop an Earth Day event on sustainability. Organizations, including institutions of higher learning will be providing demonstrations on sustainable energy generation, wastewater treatment, and "Green" buildings/construction. The state champion high school Envirothon team from Greene County will also be present promoting the Envirothon program. Students from Palmyra and other Envirothon teams will also be attending. This provides Envirothon students a unique opportunity to see the demonstrations promoting sustainability first-hand.

Proposed Oil and Gas Fee Rulemaking Adopted by Environmental Quality Board

On May 16, 2018, the Office of Oil and Gas Management presented the proposed Unconventional Well Permit Application Fee rulemaking to the Environmental Quality Board (EQB). The proposed rulemaking increases the current well permit application fees from \$5,000 for a nonvertical unconventional well and \$4,200 for a vertical unconventional well, to \$12,500 for all unconventional well permit applications. The permit fees for conventional wells remain unchanged. EQB adopted the proposed rulemaking with two opposing votes. The Office of Attorney General completed its review on June 26, 2018. The proposed rulemaking was published in the Pennsylvania Bulletin on July 14, 2018 and the comment period closed on August 13, 2018. DEP received comments from IRRC on September 13. DEP is currently preparing a Comment and Response Document and final revisions to the rulemaking.

Diversified Oil and Gas (Diversified), Abandoned Well Plugging CO&A

On March 7, 2019, DEP executed a Consent Order and Agreement (CO&A) related to several abandoned wells it acquired through direct acquisitions to Diversified and its wholly owned subsidiary Alliance Petroleum Corporation. This CO&A supersedes an Order that DEP issued on July 16, 2018, ordering Alliance to plug 638 abandoned wells over the course of a 6-year period. In exchange for a 15-year agreement, DEP secured a \$7,000,000 performance bond, a defined term for production, and securities should Diversified purchase additional abandoned wells or attempt to transfer its abandoned wells to another party. Diversified will also be required to inventory its entire well inventory – the first two years dedicated to 1,412 wells that are defined by law as abandoned, and the next three years on the remaining inventory.

Coal-Gas Industry-Agency Committee Meeting

On March 19, 2019, DEP oil and gas program, mining program, Mine Safety and Health Administration (MSHA), and National Institute for Occupational Safety and Health (NIOSH) technical staff met with coal and gas industry representatives on March 19 in New Stanton as part of the Coal-Gas Committee to discuss important matters relating to coordination between the two industries. A public comment period was set at the beginning of the meeting, this was followed by a review of recently proposed language for the interim final technical guidance document pertaining to perforating and squeezing partially cemented production casing in advance of mining, and a presentation by coal industry representatives on the conversion of conventional and coalbed methane (CBM) wells to gob vent boreholes used to safely vent mined-out coal seams during operations. The group discussed several additional coal and gas related topics.

Oil and Gas Workload Report

Please see Attachment 2.

Radiation Protection

Radiation Protection Rulemakings**Chapter 227**

The Bureau of Radiation Protection *discussed* necessary updates to regulations with the Radiation Protection Advisory Committee at its February 14 meeting. The Radiation Protection Act directs DEP to develop and conduct comprehensive programs for the registration, licensing, control, management, regulation and inspection of radiation generating devices (RGD) and users of such devices. The areas in need of review and update relate to non-medical X-ray equipment. There have been important advances in technology and use of X-rays and other ionizing radiation particles for industrial radiography, non-contact level monitoring, foreign body detection, chemical purification, melting, welding, polymerization, sterilization, and security screening. The

proposed package is expected to be *an action item at the October 10, 2019, RPAC meeting, followed by EQB consideration in late 2019.*

Waste Management

Substantive Revisions to DEP's Management of Fill Policy

Pennsylvania's waste regulations, which were adopted in 1988, state that uncontaminated soil, rock, stone, gravel, unused brick or block, and concrete can be used to level or bring an area to grade without obtaining a permit for the beneficial use of waste. DEP frequently refers to these materials as "clean fill."

To support the regulations, DEP created the Management of Fill Policy to clarify when and how fill can be used in Pennsylvania without the need for a waste permit. The current effective version of the Policy is dated August 7, 2010. Major components of this Policy rely on the Act 2 Statewide health standards, which were revised in 2011 and again in 2016, necessitating a revision to the Policy. Staff in the Bureau of Waste Management worked with stakeholders and published a substantive revision for public comment on November 10, 2018.

The draft revisions proposed by DEP include: incorporating the Chapter 250 standards by reference so that the concentration limits in the policy are continually aligned with Chapter 250; improving the mechanism for determining whether the presence of a contaminant is due to background conditions; clarifying the requirements for developing a sampling plan for in-place material; and clarifying definitions and terms not defined by the policy.

DEP accepted public comment on the proposed changes through January 8, 2019 and intends to finalize the policy in the second quarter of 2019.

Renewal of Regulated Fill General Permit (WMGR096)

On October 6, 2018, the Department published notice of its intent to modify and renew the base general permit (GP) WMGR096. This permit authorizes the beneficial use of regulated fill as a construction material. Under the GP, regulated fill may only be moved to a property that is approved for construction and meets one of the following criteria:

- The property is zoned and used exclusively for commercial and industrial uses, or
- The property is unzoned but exclusively used for commercial and industrial uses (excluding parks, playgrounds, nursing homes, child care facilities, schools or other residential-style facilities or recreation areas).

WMGR096 does not authorize blending or processing of fill with the purpose of meeting the concentration limits specified in Table GP-1 of the permit.

DEP received a significant level of public interest on the proposed modifications to the base GP. Due to the volume and extensiveness of the comments received, as well as the short amount of time available to evaluate the comments prior to the expiration date of the base GP, the Department has renewed the existing version of WMGR096 for one year and added a permit condition relating to renewal. All general permits that are renewed and that do not already contain the following condition are updated to include the condition as a standard practice:

"In the event that a timely and complete application for renewal has been submitted and the Department is unable, through no fault of the permittee, to reissue the general permit or approval for coverage before its current coverage expiration date, the terms and conditions of the approved coverage will automatically continue

and will remain fully effective and enforceable pending the issuance or denial of the renewal for permit coverage, provided the permittee is, and has been, operating in compliance with the terms and conditions of the general permit.”

The permit was renewed by Central Office and became effective on December 23, 2018. This action will provide DEP with the appropriate amount of time to thoughtfully consider the comments received and evaluate whether additional modifications to the base GP are necessary. DEP plans to re-notice proposed modifications to the base GP in the Pennsylvania Bulletin and provide for another 60-day public comment period after the comments received have been appropriately evaluated and addressed.

Coverage under WMGR096 will automatically continue for existing permittees, provided they are in compliance with the terms and conditions of WMGR096.

Solid Waste Advisory Committee (SWAC)

The March 14 SWAC meeting *was* cancelled. The next regular SWAC meeting is scheduled for Thursday, June 6.

Water Programs

e-Permitting for Waterways Obstruction and Encroachment General Permits (Ch.105 GPs)

The Chapter 105 e-Permitting application “went live” on October 10, 2018, as part of a greater effort by Governor Tom Wolf and DEP to reduce permit backlogs, modernize permitting processes, and better use technology to improve both oversight and efficiency. The Chapter 105 e-Permitting application was designed for Chapter 105 Obstruction & Encroachment General Permit registrations. Individual permits, small project authorizations, and environmental assessments will continue to use the Joint Permit application using the current paper process. The Bureau of Waterways Engineering and Wetlands (Bureau) staff remain actively engaged with applicants, consultants, delegated county conservation districts, regional office staff and IT support regarding processes and technical issues for Chapter 105 General Permit e-permitting. Staff have begun revising the User Guides in response to emails and/or phone calls between Bureau staff and applicants and/or consultants as they complete the process to gain access to e-permitting. Additional information about the Chapter 105 e-Permitting system, including background information, recorded webinar and training materials, and user guides is available on the Bureau of Waterways Engineering & Wetlands webpage at <https://www.dep.pa.gov/Business/Water/Waterways/Pages/ePermitting.aspx>.

Small Water Systems Technical Assistance Center Board Meeting

The Small Water Systems Technical Assistance Center (TAC) Board met on January 31. DEP staff presented on the following topics: the proposed changes to the manganese water quality standard, the Loss of Positive Pressure Policy, the draft Uninterrupted System Service Plan & Certification Form, the Nitrification Control Plan Form and Instructions, and a pre-draft guidance for the Filter Bed Evaluation Program. The next Small Water Systems TAC Board meeting is scheduled for May 14, 2019.

Water Resources Advisory Committee Meeting

DEP’s Water Resources Advisory Committee (WRAC) met on January 24. DEP staff presented the following items to the Committee: DEP’s involvement in legacy sediment restoration projects and results from the Big Spring Run Legacy Sediment Project, a summary of the Chapter 102 E-Permitting initiative, an overview of DEP’s work on TMDL Alternatives, and the background and concepts for an NPDES Permit for Earth Disturbance Activities Associated with Small Construction Activities (PAG-01). WRAC members expressed an interest in providing DEP with input on the draft Agriculture Erosion and Sedimentation Manual, which was available for public comment through March 6, 2019. *The next meeting is scheduled for April 18, 2019*

Coastal Zone Advisory Committee

The Coastal Zone Advisory Committee was held on January 9, 2019. Committee members saw a presentation called, “Developing a Green Stormwater Infrastructure Prioritization for Eastern Delaware County Municipalities”, a Coastal Zone grant-funded project, from Robert Ryan of Temple University. The Committee also heard program updates from Coastal Program staff and updates from other Committee members. The next Coastal Zone Advisory Committee meeting is scheduled for June 19, 2019. It will have to be rescheduled due to a conflict with a NOAA Great Lakes meeting scheduled for the same week. The new proposed date is May 29.

Chesapeake Bay Phase 3 Watershed Implementation Plan (WIP)

The Phase 3 WIP Steering Committee and seven workgroups continue to work on various aspects of the WIP. A final draft of the Phase 3 WIP is due to EPA and the Chesapeake Bay Program Partnership (Partnership) on April 12. The Phase 3 WIP will describe how Pennsylvania intends to move forward and accelerate progress towards meeting the nutrient reduction targets established by the Partnership for the improvement of local water quality and the restoration of the Chesapeake Bay with the goal of having all practices in place by 2025. The draft Phase 3 WIP will be open for comment starting April 12 through June 7. The WIP will be accessible here: www.dep.pa.gov/chesapeakebay/phase3.

Water Quality Permit Fees

At the December Environmental Quality Board meeting, the EQB adopted a proposed rulemaking that would increase fees for Water Quality Management (WQM) permit applications and National Pollutant Discharge Elimination System (NPDES) permit applications and annual fees. This would impact municipalities and farmers that hold NPDES permits. The proposed regulation will be published in the PA Bulletin on March 30 and a public hearing will be held on May 1.

Environmental Justice

Environmental Justice Advisory Board

The next EJAB meeting is scheduled for Tuesday, April 9, 2019 in the Rachel Carson State Office Building. EJAB members will discuss opportunities for expanding public outreach in the Act 2 process, plans for EJ roundtables around the state, and the potential for a statewide EJ Summit next year, among other topics.

Community and Stakeholder Engagement

Public Meetings

OEJ participated in the Local Municipal Involvement Process meeting regarding Enviro Waste LLC.'s proposed major modification on March 20.

OEJ will moderate and participate in a public meeting regarding Merrion Oil and Gas' proposed unconventional well at the Edgar Thomson facility in Braddock, PA on March 27.

OEJ participates in monthly meetings with Philadelphia Air Management Services.

Stakeholder Engagement

OEJ engaged in several community stakeholder meetings throughout February and March including Black Environmental Collective Network William Penn Foundation, Anthracite Region for Progress, Chester Environmental Partnership, Clean and Green Harrisburg, Ai Día, and others.

OEJ staff met with Representative Cephas, Senator Hughes, William Penn School District, Delaware River Basin Commission, Capital Region Water, Philadelphia Office of Sustainability, Pennsylvania Chapter of the American Planning Association, Delaware Valley River Planning Commission, Healthy Communities in PA Task Force, Horsham Land Redevelopment Authority and Delaware County Community College, and others.

Roundtables

Roundtable events are scheduled in Harrisburg, Johnstown, and Philadelphia in spring 2019. For the most part, these events invite approximately 20-25 stakeholders from the community to discuss pertinent environmental justice issues and begin to discuss potential solutions between DEP and other state and community partners.

Presentations

OEJ Director Allison Acevedo delivered presentations on environmental justice at the Schuylkill Center on February 7, at Widener Commonwealth Law School on February 13, and at the Pittsburgh Environmental Law Conference on March 5.

Brownfields Site Visit

OEJ attended a meeting on Thursday, January 17 with a team of Shamokin officials for a site visit in Bethlehem, PA with the Lehigh Valley Economic Development Corporation to learn best practices around brownfields development and sustainable community economic development.

Strategy and Planning

Policy Review Process

OEJ is currently drafting a Comment-Response document for the EJ Public Participation Policy. The revised policy will be reviewed by the EJAB, DEP Internal Work Group, and DEP personnel throughout the spring. OEJ anticipates final release of the EJ Public Participation Policy in late spring 2019.

OEJ Initiatives

Workforce Development Initiative

OEJ is developing a pilot workforce development initiative to engage in environmental justice communities around career development in the wastewater and drinking water fields. These jobs are in demand, secure, and provide sustainable wages with a minimum requirement of a high school diploma for entry in the field. OEJ is working with the Delaware County Community College and William Penn School District in eastern Delaware County to pilot the program.

Environmental Education Initiative

OEJ and PA Department of Education have been meeting to discuss environmental education in the K-12 sector in EJ Areas.

Interagency Group

OEJ convened a meeting with representatives from the Department of Health, Agriculture, Transportation, and Conservation and Natural Resources to review current efforts around environmental justice, and the potential for inclusion of EJ considerations in future work of the agencies. The group decided to meet monthly to discuss alignment of EJ work and initiatives.

Attachment 1

2019 Events Calendar

Please consult the DEP Calendar of Events for a comprehensive listing of upcoming events. The Calendar can be accessed in the Public Participation Tab on the DEP website. Click on “Public Participation;” “Calendar of Events.”

April	
1-5	Chapter 102/105 Technical Training (Topic Specific), Windham Gardens Hotel, Boalsburg
3	Pennsylvania Phase 3 Watershed Implementation Plan Steering Committee, 9:00 am, 2 nd floor Auditorium, RCSOB, Harrisburg
4	Spring PACD Regional Meeting, Southeast Region, TBD
5	Spring PACD Regional Meeting, Northeast Region, DEP Northeast Regional Office
10	Presentation by DCNR titled “The History of Oil and Gas in Pennsylvania” (Rachel Carson State Office Building, Room 105, Harrisburg; 11:00 am)
11	Air Quality Technical Advisory Committee, 9:15 a.m., Room 105, RCSOB, Harrisburg
15	Shale Network steering committee teleconference (Rachel Carson State Office Building, Harrisburg; 10:00 am – 11:00 am)
15	PFAS Action Team Public Meeting, Abington Senior High School Auditorium, 900 Highland Avenue, Abington, PA 19001
18	Water Resources Advisory Committee, 9:30AM, Room 105, RCSOB Harrisburg
19	WIP III Ag Workgroup meeting, 10:00 AM – 2:00 PM, Room 202 PA Dept of Ag building, Harrisburg
24	Small Business Compliance Advisory Committee, 10:00 a.m., 12 th Floor Conference Room, Harrisburg
24	Pennsylvania Phase 3 Watershed Implementation Plan Steering Committee, 1:00 pm, Room 105, RCSOB, Harrisburg
25	Agricultural Advisory Board, 9:00AM Susquehanna Room, SCRO, 909 Elmerton Ave. Harrisburg
26	Environmental Quality Board Public Hearing - Class A Stream Redesignations Proposed Rulemaking, South-Central Regional Office, 909 Elmerton Ave. Harrisburg, PA
May	
1	Environmental Quality Board Public Hearing - Water Quality Management/NPDES Fees Proposed Rulemaking, South-Central Regional Office, 909 Elmerton Ave. Harrisburg, PA
14	State Conservation Commission Meeting, Department of Agriculture
17	WIP III Ag Workgroup meeting, 10:00 AM – 2:00 PM, Room 202 PA Dept of Ag building, Harrisburg
21-22	Pennsylvania State Envirothon, University of Pittsburgh, Johnstown and Windber Recreation Park, Windber
29	Coastal Zone Advisory Committee Meeting, 9 a.m., 10 th Floor Conference Room, Harrisburg
June	

3-4	Interstate Commission on the Potomac River Basin (ICPRB) Quarterly Commission Meeting, Rockville, Maryland
4-6	Ohio River Valley Water Sanitation Commission (ORSANCO) Quarterly Commission Meeting, Covington, Kentucky
11-12	Delaware River Basin Commission (DRBC) Quarterly Commission Meeting, Washington Crossing
13-14	Susquehanna River Basin Commission (SRBC) Quarterly Commission Meeting, Harrisburg

Attachment 2

Oil and Gas Workload Report (As of March 15, 2019)

YTD WELL PERMIT APPLICATIONS - 1/1/2019 to 3/15/2019						
	RECEIVED	UNDER REVIEW	PROCESSED	PERMITS ISSUED	WELLS PERMITTED	OTHER DISPOSITIONS
CONVENTIONAL	54	22	65	64	64	1
UNCONVENTIONAL	290	95	376	370	369	6
Sub Total	344	117	441	434	433	7
AUTHORIZATIONS	288	85	322	312	N/A	10
Total	632	202	763	746	702	17

WEEKLY WELL PERMIT APPLICATIONS - 3/9/2019 to 3/15/2019						
	RECEIVED	UNDER REVIEW	PROCESSED	PERMITS ISSUED	WELLS PERMITTED	OTHER DISPOSITIONS
CONVENTIONAL	0	0	2	2	2	0
UNCONVENTIONAL	17	17	23	23	23	0
Sub Total	17	17	25	25	25	0
AUTHORIZATIONS	15	8	12	11	N/A	1
Total	32	25	37	36	35	1

HISTORICAL WELL PERMIT APPLICATIONS AS OF 3/15/2019						
	RECEIVED	PROCESSED	PERMITS ISSUED	WELLS PERMITTED	OTHER DISPOSITIONS	ACTIVE PERMITS
CONVENTIONAL	197,912	197,888	196,637	190,448	1,251	101,559
UNCONVENTIONAL	26,920	26,811	26,260	20,764	551	11,965
Sub Total	224,832	224,699	222,897	211,212	1,802	113,524
AUTHORIZATIONS	44,154	44,002	43,223	42,152	779	18,956
Total	268,986	268,701	266,120	253,364	2,581	132,480

YTD INSPECTIONS - 1/1/2019 to 3/15/2019				
	INSPECTIONS	FACILITIES INSPECTED	VIOLATIONS	ENFORCEMENTS
CONVENTIONAL	3,107	2,842	221	32
UNCONVENTIONAL	4,208	3,216	130	28
CLIENT/SITE	840	1	561	54
Total	8,155	6,059	912	114

WEEKLY INSPECTIONS - 3/9/2019 to 3/15/2019				
	INSPECTIONS	FACILITIES INSPECTED	VIOLATIONS	ENFORCEMENTS
CONVENTIONAL	527	517	11	1
UNCONVENTIONAL	436	428	7	2
CLIENT/SITE	95	1	13	6
Total	1,058	946	31	9

WELLS DRILLED					
	Two Years Prior 1/1/2017 to 3/15/2017	One Year Prior 1/1/2018 to 3/15/2018	Year To Date 1/1/2019 to 3/15/2019	Week of 3/9/2019 to 3/15/2019	As of 3/15/2019
CONVENTIONAL	14	18	21	3	192,655
UNCONVENTIONAL	154	138	186	13	11,880
Total	168	156	207	16	204,535

This report was prepared by Abbey Cadden, Executive Policy Specialist, DEP Policy Office. For questions or requests, please email acadden@pa.gov.