

November 2015 Report to the Citizens Advisory Council
(new and updated information in italics)

DEP Highlights

Proposed Rulemaking – Chapter 78, Subchapter C (relating to oil and gas surface activities)

DEP presented the proposed Chapter 78, Subchapter C regulations to the EQB on August 27, 2013, who adopted the proposal for public comment. The 90-day public comment period, including nine public hearings, closed on March 14, 2014; about 24,000 comments were received. Of those comments, over 1,100 represented individual comments and the balance were submitted to DEP as form letters. IRRC submitted a 19-page comment letter to DEP on April 14, 2014, formally closing the comment period. DEP presented a summary of the comments received at the June 26, 2014, Oil and Gas Technical Advisory Board (TAB) meeting. Video of the meeting is available on the DEP YouTube Channel and the webinar is available on DEP's webinar page.

On July 10, 2014, former Governor Corbett signed into law Act 126 of 2014 (relating to omnibus Fiscal Code amendments). Act 126 contained the following provision:

Section 1741.1-E. Environmental Quality Board.

- (a) Regulations.--From funds appropriated to the Environmental Quality Board, the board shall promulgate proposed regulations and regulations under 58 Pa.C.S. (relating to oil and gas) or other laws of this Commonwealth relating to conventional oil and gas wells separately from proposed regulations and regulations relating to unconventional gas wells. All regulations under 58 Pa. C.S. shall differentiate between conventional oil and gas wells and unconventional gas wells. Regulations promulgated under this section shall apply to regulations promulgated on or after the effective date of this section.

As a result of this statutory change, DEP determined that the Subchapter C rulemaking process could continue, but that the regulations would be completely bifurcated on final rulemaking. The regulatory provisions applicable to conventional wells will be retained in the existing Chapter 78 and a new regulatory Chapter 78a will be created that is applicable to unconventional wells. No regulatory language outside of the scope of the proposed rulemaking will be altered as a result of this change (for example, the well drilling, operation and plugging requirements contained in Chapter 78, Subchapter D will be included, as appropriate, in both the conventional and unconventional Chapters).

On September 25, 2014, DEP presented the two individual chapters of the bifurcated proposed rulemaking to the members of TAB and discussed the pertinent aspects of the proposed rulemaking. The TAB meeting was conducted via a webinar in order to provide a greater opportunity for public participation; the webinar is available on DEP's webinar page. The bifurcated rulemaking was a first step toward placing the proposed regulatory language into a form that could be further adjusted to address public comments.

DEP determined it was necessary to utilize the Advanced Notice of Final Rulemaking (ANFR) process to take additional public comment on the draft changes included in the final rulemaking. DEP presented an overview of the proposed ANFR to TAB and the Conventional Oil and Gas Advisory Committee (COGAC) on March 20 and March 26, 2015, respectively.

On Saturday, April 4, DEP published notice of the Advance Notice of Final Rulemaking for revisions to the rulemaking in the *Pennsylvania Bulletin*, opening an additional 30-day public comment period.

On April 6, DEP announced extension of the public comment period by an additional 15 days to close on May 19, and the addition of three public hearings on April 29 (Washington), April 30 (Warren), and May 4 (Williamsport).

During the ANFR comment period, the Department received a total of 4,947 comments from 4,601 commentators. Of the comments received, 4,516 were form letters (10 different form letters), 129 were provided via testimony at public hearings, and 302 were unique comments. Department staff is in the process of preparing responses to all comments received for the proposed rulemaking and ANFR.

DEP presented an overview of the draft final rulemaking to COGAC and TAB on August 27 and September 2, 2015, respectively. Following these advisory committee meetings, DEP hosted a public webinar session on Friday, September 18 with members of COGAC and TAB to further discuss several issues that were raised during the most recent advisory board meetings. An audiotape of this webinar along with the document that was the subject of the discussion is posted on the DEP website under the Public Participation page. The draft final rulemaking is scheduled to be presented to TAB and COGAC on October 27 and October 29, respectively. *At the close of the meeting, TAB adopted a written Resolution that stated it would incorporate comments that are developed by COGAC as part of its submittal to the Environmental Quality Board (EQB). On October 29, COGAC adopted a separate Resolution that was critical of the Department and rulemaking process and stated, in part, that the "...process of formulating new regulations for Pennsylvania's conventional oil and gas industry should be restarted in its entirety".* The final rulemaking will be presented to the Environmental Quality Board (EQB) on January 19, 2016.

Increasing Transparency in the Policy Process

As part of DEP's efforts to be more open and transparent in the policy development and review process, DEP has substantially revised its Policy for the Development and Publication of Technical Guidance. On Saturday, May 30, 2015, DEP published notice of availability of the Interim Final policy in the *Pennsylvania Bulletin*, opening a 45-day public comment period that closed on July 14, 2015. DEP received comments from: CAC, the Marcellus Shale Coalition, and Pennsylvania Aggregates & Concrete Association. Staff are currently preparing a comment and response document and working on finalizing the document. Issuance as Interim Final means that DEP staff should implement the changed process while public comment is accepted. Revisions to the policy: (1) enhance participation and transparency in the development of policies and technical guidance documents (TGDs) by requiring increased advisory committee involvement; (2) provide clarity to DEP staff about the procedures for development of these documents, and (3) remove outdated information and update existing information.

In tandem with the publication of the revised guidance, DEP launched eComment, a new online public comment system for policies, TGDs, general permits, SIP revisions, and other reports. eComment is accessible via the Public Participation portion of the DEP website, or at www.ahs.dep.pa.gov/eComment/. eComment enables users to: (1) view TGDs and other documents open for public comment; (2) link to the full text of the document on the eLibrary and to the *Pennsylvania Bulletin* notice; (3) submit comments electronically; and (3) view comments submitted by others. All comments received will be available publicly within 5 business days of receipt, and they will remain posted until documents are finalized.

As requested by CAC, DEP developed the new DEP Non-Regulatory Agenda as part of the efforts to enhance public participation and transparency. In keeping with the format of the Regulatory Agenda, the Non-Regulatory Agenda outlines policies and technical guidance documents that are planned for updates over the next year. Notice of availability of the first Non-Regulatory Agenda (Agenda) was published in the

Pennsylvania Bulletin on Saturday, June 27. The Agenda is available on the Public Participation Center of DEP's website at www.dep.state.pa.us (Select "Public Participation Center," "Public Comments," "Technical Guidance").

Policy Office staff conducted trainings/webinars for both Central and Regional Office staff, as well as external stakeholders about the changes to the policy and eComment throughout June. Additional internal and external webinars and trainings for the Policy for the Development and Publication of Technical Guidance will be held after the policy is finalized.

Federal Regulations

Recently Submitted DEP Comments

None to report.

Regulations Planned for DEP Comment

Stream Protection Rule: The Office of Surface Mining Reclamation and Enforcement (OSMRE or OSM) is proposing to revise regulations to improve the balance between environmental protection and the Nation's need for coal as a source of energy. This proposed rule aims to better protect streams, fish, wildlife, and related environmental values from the adverse impacts of surface coal mining operations and provide mine operators with a regulatory framework to avoid water pollution and the long-term costs associated with water treatment. The proposed changes would apply to both surface mines and the surface effects of underground mines. DEP's Active and Abandoned Mine Operations Deputate, coordinating with DEP's Water Management Deputate, plans to provide comment on this rule. Given the length and complexity of the rule, DEP requested an extension of the comment period, which was initially scheduled to close on September 25, 2015. OSM granted a 30-day extension. *DEP submitted extensive comments on the proposed rule on October 23, 2015. DEP noted in its comments that it is appropriate to allow states the flexibility to develop regulations that are tailored to conditions within the state as long as they meet threshold federal standards. As such, DEP further noted that aspects of the proposed rule are more prescriptive than necessary to achieve the objectives of Section 101(f) of the federal Surface Mining Control and Reclamation Act. Thus, DEP's comments provide a number of suggestions for improving the rule by providing language that outlines suitable levels of discretion for state regulatory authorities. DEP's recommendations include eliminating unnecessary requirements, providing clarification to the regulatory language and the preamble, allowing for state specific requirements, and providing coordination with the Clean Water Act requirements.*

Regulations Planned for DEP Comment

Oil and Natural Gas Sector: Emission Standards for New and Modified Sources: The EPA proposes to amend the new source performance standards (NSPS) for the oil and natural gas source category by setting standards for both methane and volatile organic compounds (VOC) for certain equipment, processes and activities across this source category. Specifically, EPA is proposing both methane and VOC standards for several emission sources not currently covered by the NSPS (i.e., hydraulically fractured oil well completions, fugitive emissions from well sites and compressor stations, and pneumatic pumps). In addition, EPA is proposing methane standards for certain emission sources (i.e., hydraulically fractured gas well completions, equipment leaks at natural gas processing plants) that are currently regulated for VOC emissions. The proposed amendments would establish methane standards for this equipment across the source category and extend the current VOC standards to the remaining unregulated equipment. Lastly, amendments to the current NSPS are being proposed that improve implementation of several aspects of the current standards. The proposed rulemaking was published in the Federal Register on September 28, 2015(80 FR 56593). DEP provided testimony during EPA's public hearing in Pittsburgh on September 29, 2015. The public comment period will close on November 17, 2015. DEP intends to submit written comments to EPA on the proposal.

Regulatory Update (detailed summaries included in respective program sections)

- Noncoal Mining Program Fees (25 Pa. Code Chapter 77) - Program drafting regulatory language and working with Aggregate Advisory Board.
- Coal Mining Program Fees (25 Pa. Code Chapter 86) – Program developing regulatory language and working with Mining Reclamation Advisory Board.
- Control of VOC Emissions from Gasoline Dispensing Facilities (Stage II)(25 Pa. Code § 129.82) – Program drafting regulatory language.
- Underground Coal Mine Safety: Performance-Based Cable Safety Requirements (25 Pa. Code Chapter 208) – Program working on developing draft regulatory language with the Board of Coal Mine Safety.

Draft Proposed Rulemakings

- Underground Coal Mine Safety: Proximity Rule (25 Pa. Code Chapter 208) – *Tentatively planned for consideration by the Board of Coal Mine Safety in December.*
- Control of VOC Emissions from Industrial Cleaning Solvents (25 Pa. Code Chapters 121 and 129) – Planned for EQB consideration in 2016.
- Disinfection Requirements Rule (25 Pa. Code Chapter 109) – Discussed with Small Water Systems TAC Board on May 18 and 26, and June 16 and 30. Tentatively planned for EQB consideration in the fourth quarter of 2015.
- Safe Drinking Water General Update (25 Pa. Code Chapter 109) – Rulemaking package under further development.
- Radiological Health (25 Pa. Code Chapters 215-230 and 240) – Tentatively planned for EQB consideration in the fourth quarter of 2015.
- Radiation Protection Program Fees (25 Pa. Code Chapter 215) – Tentatively planned for EQB consideration in the fourth quarter of 2015.
- Unsuitable for Mining; Big Run and Willholm Run Watersheds (25 Pa. Code Chapter 86) – Planned for EQB consideration in early 2016
- Environmental Laboratory Accreditation Fee Amendments (25 Pa. Code Chapter 252) – Planned for EQB consideration in 2016.
- Class A Stream Redesignation (25 Pa. Code Chapter 93) – Tentatively planned for EQB consideration in the fourth quarter of 2015.

Proposed Rulemakings

- Handling and Use of Explosives (25 Pa. Code Chapters 210 and 211) – Approved by the EQB September 15, 2015.
- Control of VOC Emissions from Automobile and Light-Duty Truck Assembly Coating Operations and Heavier Vehicle Coating Operations (25 Pa. Code Chapter 129) – Adopted as proposed by the EQB at its April 21 meeting. Published in the *Pennsylvania Bulletin* on August 8, 2015, opening the public comment period. Three public hearings were held on September 8, 9, and 10 (Norristown, Harrisburg, Pittsburgh). No one provided testimony on the proposal. Public comment period *closed* October 13.

- Remining Requirements (25 Pa. Code Chapters 86 and 88) – Discussed with MRAB October 2014. Adopted by EQB as proposed at its May 20 meeting. Published in the *Pennsylvania Bulletin* October 3, 2015. Public comment period closes November 2, 2015.
- Control of VOC Emissions from Miscellaneous Metal Parts Surface Coating Processes, Miscellaneous Plastic Parts Surface Coating Processes and Pleasure Craft Surface Coatings (25 Pa. Code Chapter 129) – Adopted as proposed by the EQB at its October 21, 2014 meeting. Published in the *Pennsylvania Bulletin* on August 8, 2015, opening the public comment period. Three public hearings were held on September 8, 9, and 10 (Norristown, Harrisburg, Pittsburgh). Public comment period *closed* October 13.
- Revised Total Coliform Rule (25 Pa. Code Chapter 109) – Adopted as modified by EQB its April 21 meeting. Discussed with the Small Water Systems Technical Assistance Center (TAC) Board at its April 30 meeting. As a result, rulemaking was split into three parts: the first covers the Federal Revised Total Coliform Rule and will move forward as modified; the second includes provisions for disinfectant requirements; and the third encompasses a general update to Chapter 109. The latter two rulemakings are moving through the rulemaking process separately from the RTRC. Published in the PA Bulletin October 3, 2015. Two public hearings scheduled for 1pm on November 3 (New Stanton) and November 5 (Norristown). Public comment period closes December 1, 2015.

Draft Final Rulemakings

- Environmental Protection Performance Standards at Oil and Gas Well Sites (25 Pa. Code Chapter 78) – Rulemaking has been split into two parts: Chapter 78 applies to conventional wells and Chapter 78a applies to unconventional wells. Advanced Notice of Final Rulemaking (ANFR) was developed for this rule. ANFR language discussed at the March 20, Oil and Gas Technical Advisory Board (TAB) meeting and the March 26, Conventional Oil and Gas Advisory Committee (COGAC) meeting. ANFR published in April 4, *Pennsylvania Bulletin*, opening 30-day public comment period. On April 18, published notice of 15-day public comment period extension and addition of three public hearings. Public comment period closed May 19; COGAC meeting held August 27 and Oil and Gas TAB meeting held on September 2 to discuss Draft Final Rule. TAB meeting and COGAC meeting *were* held on October 27 and October 29, respectively, to consider the Draft Final Rule. *At the close of the meeting, TAB adopted a written Resolution that stated it would incorporate comments that are developed by COGAC as part of its submittal to the Environmental Quality Board (EQB). On October 29, COGAC adopted a separate Resolution that was critical of the Department and rulemaking process and stated, in part, that the “...process of formulating new regulations for Pennsylvania’s conventional oil and gas industry should be restarted in its entirety”.*
- Additional RACT Requirements for Major Sources of NO_x and VOCs (25 Pa. Code Chapters 121 and 129) – Public comment period closed June 30, 2014. IRRC comments received July 30, 2014; program is drafting the comment/response document and the final rulemaking package. A draft final-form Annex was presented to the Air Quality Technical Advisory Committee (AQTAC) for consideration at a special meeting held November 7, 2014, and to the Small Business Citizens Advisory Council (SBCAC) on January 28. An update on the revised draft final-form RACT II rulemaking was provided to AQTAC at its April 16 meeting. On September 15, 2015, the CAC voted unanimously to forward the final rulemaking to the Boar with several recommendations. *Tentatively planned for EQB consideration in the fourth quarter of 2015.*

Final Form Rulemakings

- Security Rule for Radioactive Material (25 Pa. Code Chapter 215) – Adopted as proposed by the EQB at its October 21, 2014 meeting. Published in the *Pennsylvania Bulletin* on March 21. Public comment period closed April 20; no comments received. IRRC letter received May 20. Approved by the EQB September 15, 2015. *Tentatively planned for consideration by IRRC at its December 10, 2015 meeting.*

- Control of VOC Emissions from Fiberglass Boat Manufacturing Materials (25 Pa. Code Chapter 129) – Public comment period closed September 22, 2014. Three hearings held August 19 (Pittsburgh), August 20 (Norristown), and August 21, 2014 (Harrisburg). IRRC comments received October 22, 2014; program is drafting the comment-response document and final rulemaking package. A draft final-form Annex was presented to the Air Quality Technical Advisory Committee (AQTAC) for consideration at a special meeting held November 7, 2014, and to the Small Business Citizens Advisory Council (SBCAC) on January 28. A conference call was held with CAC’s Policy and Regulatory Oversight Committee on February 20; CAC endorsed the regulation at its March 17 meeting. The final-form regulation was adopted by the EQB at its May 20 meeting. Scheduled for consideration by IRRC on *November 12, 2015*.
- Standards for Surface Facilities (25 Pa. Code Chapter 208) – Public comment period closed on September 2, 2014. IRRC comments received October 2, 2014; the final rulemaking package is under review. Approved by the Board of Coal Mine Safety at its June 23 meeting. Scheduled for consideration by the Independent Regulatory Review Commission (IRRC) on *November 12, 2015*.

Petitions

- Hosensack Creek Watershed – Accepted for study by EQB at its April 21 meeting; notice of acceptance of petition for further study published in *Pennsylvania Bulletin* May 2. Currently under evaluation by DEP.
- Browns Creek Watershed – Accepted for study by EQB at its April 21 meeting; notice of acceptance of petition for further study published in *Pennsylvania Bulletin* May 2. Currently under evaluation by DEP.
- Stony Run Watershed – Accepted for study by EQB at its February 18, 2014 meeting; notice of acceptance of petition for further study published in May 3, 2014 edition of the *Pennsylvania Bulletin*. Currently under evaluation.
- Clearfield Creek Watershed (Three Petitions: Killbuck Run, Wyerough Run, and Beaverdam Run) – Approved for further evaluation by the EQB at its May 21, 2014 meeting. Currently under evaluation.
- Beaver Creek – Accepted for study by EQB at its August 19, 2014 meeting; notice of acceptance of petition for further study published in August 30, 2014 edition of the *Pennsylvania Bulletin*. Currently under evaluation. Letter in support of Redesignation received January 27 from the Delaware Riverkeeper Network.
- Upper Paradise Creek – Accepted for study by EQB at its August 19, 2014 meeting; notice of acceptance of petition for further study published in August 30, 2014 edition of the *Pennsylvania Bulletin*. Currently under evaluation.

Proposals Open for Public Comment

- *Pennsylvania Improving Waters Program Guidelines (Opened 10/31/2015, Closes 11/30/2015)*
- *Draft NPDES General Permit for Stormwater Discharges Associated with Industrial Activity (PAG-03) (Opened 10/17/2015, Closes 11/16/2015)*
- Proposed Rulemaking: Remining Requirements (Opened 10/3/2015, Closes 11/2/2015)
- Proposed Rulemaking: Revised Total Coliform Rule (Opened 10/3/2015, Closes 12/1/2015)
- Draft Assessment and Listing Methodology: Nutrient Impact Assessment Protocol for Wadeable Streams (Opened 10/3/2015, Closes 11/17/2015)
- Draft Assessment and Listing Methodology: Lake Assessment Protocol (Opened 10/3/2015, Closes 11/17/2015)
- Draft Assessment and Listing Methodology: Aquatic Macrophyte Coverage Procedures for Lake Assessments (Opened 10/3/2015, Closes 11/17/2015)
- Draft Assessment and Listing Methodology: Quantitative Plankton Sampling Method for Lakes (Opened 10/3/2015, Closes 11/17/2015)

- Draft Assessment and Listing Methodology: Chlorophyll A Sampling Method for Lakes(Opened 10/3/2015, Closes 11/17/2015)
- Draft Assessment and Listing Methodology: Recreational Use Assessment Methodology Bacteriological Sampling Protocol (Opened 10/3/2015, Closes 11/17/2015)
- Draft Assessment and Listing Methodology: Cause and Effect Survey Protocol (Opened 10/3/2015, Closes 11/17/2015)
- Pennsylvania's Path to Compliance with EPA's Final Rule for Carbon Pollution Emissions Guidelines for Existing Sources: EGUs (Clean Power Plan)(Opened 9/3/2015, Closes 11/12/2015)
- 2015 Pennsylvania Climate Impacts Assessment Update (Opened 8/27/2015, Closes 11/4/2015)

Recently Closed Comment Periods (September/October 2015)

- *Modification of Residual Waste General Permit WMGR052 (Opened 8/15/2015, Closed 10/14/2015)*
- *Proposed Rulemaking: Control of VOC Emissions from Miscellaneous Metal Parts Surface Coating Processes, Miscellaneous Plastic Parts Surface Coating Processes and Pleasure Craft Surface Coatings (Opened 8/8/2015, Closed 10/13/2015)*
- *Proposed Rulemaking: Control of VOC Emissions from Miscellaneous Metal Parts Surface Coating Processes, Miscellaneous Plastic Parts Surface Coating Processes and Pleasure Craft Surface Coatings (Opened 8/8/2015, Closed 10/13/2015)*
- *Proposed Rulemaking: Control of VOC Emissions from Automobile and Light-Duty Truck Assembly Coating Operations and Heavier Vehicle Coating Operations (Opened 8/8/2015, Closes 10/13/2015)*
- *Nutrient Credit Trading Program Certification Request: Energy Works, Adams County; CAFO layer manure from Hillendale Farms (Opened 9/26/2015, Closed 10/26,2016)*
- Nutrient Credit Trading Program Certification Request (Inter-Basin): Greencastle (Franklin County), for nutrient credits generated in the Potomac River Basin for use in the Susquehanna River Basin (opened 9/12/2015, closed 9/30/2015)
- Nutrient Credit Trading Program Certification Request: Unlimited Renewables (Lancaster County), CAFO layer manure from Esbenshade and Kreider farms (Opened 8/29/2015, Closed 9/28/2015)
- Draft Land Recycling Program Technical Guidance Manual for Vapor Intrusion into Buildings from Groundwater and Soil under Act 2 (Opened 7/25/2015, Closes 9/23/2015)
- Proposed SIP Revision: 2011 Base Year Inventory for the Allentown-Bethlehem-Easton, Lanc, Phila-Wilmington-AC, Pitt-Beaver Valley, and Reading for the 2008 8-Hour Ozone NAAQS (Opened 8/22/2015, Closed 9/21/2015)
- Draft Reclamation Fee Fiscal Year Report (2014-2015) (Opened 8/22/2015, Closed 9/14/2015)
- Nutrient Credit Trading Program Certification Request: Lycoming Conservation District (Lycoming County) on behalf of Jim McCoy Farms (Opened 8/1/2015, Closes 9/11/2015)
- Nutrient Credit Trading Program Certification Request: Lycoming Conservation District (Lycoming County) on behalf of Harry Rogers (Opened 8/1/2015, Closes 9/11/2015)
- Nutrient Credit Trading Program Certification Request: Lycoming Conservation District (Columbia County) on behalf of GNH Farms (Opened 8/1/2015, Closes 9/11/2015)
- Nutrient Credit Trading Program Certification Request: Lycoming Conservation District (Sullivan County) on behalf Lambert Farms (Opened 8/1/2015, Closes 9/11/2015)
- Nutrient Credit Trading Program Certification Request: Lycoming Conservation District (Lycoming and Tioga County) on behalf of Bishcroft Farms (Opened 8/1/2015, Closes 9/11/2015)
- Nutrient Credit Trading Program Certification Request: Lycoming Conservation District (Clinton County) on behalf of Schrack Farms (Opened 8/1/2015, Closes 9/11/2015)
- Radiation Protection Compliance & Enforcement Guidance (Opened 7/25/2015, Closed 9/8/2015)

Monthly Press Releases (All New, not Italicized)

October 2015 Press Releases

Press Releases Issued

October 5 – DEP Accepting Applications for 2016 Environmental Education Grants

ADVISORY – YORK – DEP to Hold Listening Session on Clean Power Plan in York

October 8 – DEP Reaches Civil Penalty Agreement with Microbac’s Division Laboratory – Center Valley

October 16 – DEP Instructs Keystone Landfill to Answer Unresolved Issues in Permit Expansion Application

October 22 – DEP to Host Public Information Session on Jeanesville Mine Fire

ADVISORY – ALLENTOWN – DEP to Hold Listening Session on Clean Power Plan

Lake Erie International Coastal Cleanup Improves 67.5 Miles of Shoreline and Waterways

October 26 – ADVISORY – Oil and Gas Advisory Committees to Meet This Week

October 27 – ADVISORY – SCHUYLKILL HAVEN – DEP to Hold Listening Session on Clean Power Plan

ADVISORY – HARRISBURG – Secretary Quigley to Convene Fourth Meeting of Governor Wolf’s Pipeline Infrastructure Taskforce

October 28 – ADVISORY – ERIE – DEP to Hold Listening Session on Clean Power Plan

October 29 – Update on DEP Investigation into Scranton Sewer Malodor Event

ADVISORY – CLARION & DUBOIS – DEP to Hold Listening Session on Clean Power Plan

Active and Abandoned Mine Operations

Federal Proposed Stream Protection Rulemaking

On July 27, OSM published a substantial revision to the coal mining regulations relating to the protection of streams. The scope of the rule is extensive. Many new additional requirements are proposed, including, for example, site-specific continuous precipitation data for every mine site. The comment period for the proposed rulemaking was originally scheduled to end September 25, but has been extended to October 26. *The Department completed its evaluation of the rule and submitted comments on October 23.*

Act 54 Report Review

The Bureau of Mining Programs is working with the California District Mining Office to systematically review the Act 54 report. This process will involve review of the report and the comments relating to the report. The goal is to compile and evaluate all of the recommendations and identify action items. Discussions have identified a few categories of actions items. These include issues that have been addressed, but so recently that they could not be reflected in the Act 54 report, short-term actions, such as form revisions, and longer-term actions including database enhancements. The Department has received the CAC comments and will work with the Council to address their concerns.

Noncoal and Coal Mining Fees

The 3-year reports for noncoal mining fees in Chapter 77 and coal mining fees in Chapter 86 are due in October and November of this year. The draft report for coal mining fees was reviewed with the Mining and Reclamation Advisory Board (MRAB) on April 23 and the draft report for the noncoal mining fees was reviewed with the Aggregate Advisory Board (AAB) on May 13. The fee reports were presented to the EQB at its May 20 meeting. *. The Department met with the AAB Regulation, Technical and Legislation committee on September 22 and October 23 to review information that had been requested by the PA Aggregate and Concrete Association. Another committee meeting will be scheduled.*

Final Rulemaking

Other Coal Mining Program Rulemakings

Preliminary discussion is underway for rulemaking packages relating to surface coal mining water supply replacement, remining and water quality, and general coal mining program improvements. Staff met with the MRAB's Regulation, Legislative and Technical Committee on November 25, 2014, to discuss the coal mining program improvements rulemaking. The MRAB committee expressed the concern that it may be premature to proceed, specifically relating to the definition of surface mining activities, since there is litigation related to this underway in the federal system. The proposed remining rulemaking was reviewed by the MRAB at their meeting on October 23, 2014. The MRAB recommended that DEP proceed with the rulemaking process for the remining regulations. The EQB adopted the proposed remining rulemaking at its meeting on May 20. *This proposed rulemaking was published with a 30-day comment period on October 3, 2015.* The water supply replacement rulemaking will be deferred until the remining and program improvement packages are completed due to priorities identified by MRAB. The proposed rulemaking for the explosives program was reviewed with the MRAB and the Aggregate Advisory Board. Each recommended that the Department proceed with the rulemaking process. It is anticipated that the proposed rulemaking will be presented to the EQB in the fourth quarter of 2015.

Proposed Rulemaking – Areas Unsuitable for Surface Mining, Big Run and Willholm Run Watersheds, Clearfield County

Graham Township was the petitioner for the unsuitable for mining designation. As a result of the formal petition, a comprehensive technical evaluation of the area was done which yielded the result the area within the Big Run and Willholm drainage be designated as unsuitable for mining operations. The regulation proposes to amend 25 PA Code, Chapter 86, Section 86.130 to add paragraph (b)(19) to achieve the designation within the noted watersheds which includes the Mercer, Lower Kittanning, and Clarion #1,#2, and #3 coals. DEP does not anticipate any controversy or opposition with this proposal. This proposal was reviewed by the MRAB in April. It is expected to move forward to be presented to the EQB at a meeting later this year.

NPDES Permitting for Mine Sites

The Mining Program continues to work with EPA to implement NPDES permitting and compliance improvements. The focus has shifted from developing tools (e.g. TGD, SOP, Permit Document and Inspection Report) to deploying the tools. EPA is working with the Mining Program to identify the parameters of further interaction between the agencies. A two-year work plan has been drafted. A checklist that would eventually provide an alternative to submission of draft permits is under discussion; some progress has been made in identifying the content of the checklist, but a final draft has not yet been prepared. Monthly calls with EPA to discuss program issues have been reinstated. A number of workgroups are being established to address on-going issues. One of the workgroups will be evaluating the best way to integrate remining in TMDL watersheds. EPA

has recently identified an example of a draft permit and fact sheet that provided them with the information they needed in a very clear and concise manner.

Guidance Document Revisions

The Bureau of Mining Programs is systematically reviewing the library of Technical Guidance Documents (TGDs) to identify all of the documents which require changes. The following TGDs are under active development:

Use of Reclamation Fill at Active Noncoal Sites (563-2000-301): This TGD describes the process of and conditions in which DEP may permit the use of certain fill materials (deemed “Reclamation Fill”) obtained from an off-site source in the reclamation plan of an active noncoal mine site. It was originally published as final at the end of 2013. The PA Aggregates and Concrete Association (PACA) pointed out some discrepancies after this final publication. The Mining Program actively engaged PACA to address their concerns, resulting in a major revision to the guidance. This revision was published in the *Pennsylvania Bulletin* on December 27, 2014, and DEP accepted comments on the revision until January 26. This guidance will replace the existing qualifications for reclamation fill to be consistent with the environmental clean-up standards of Chapter 250. The Comment-Response document has been finalized and minor revisions have been made to the guidance as a result of comments. The final guidance and Comment-Response has been routed for final publication, but will be reviewed with the Aggregate Advisory Board at their November 10 meeting before being published. *The final guidance will also be reviewed with the Cleanup Standards and Scientific Advisory Board at their December meeting.*

Blaster’s License Suspension and Revocation Procedure (562-2402-501): This TGD describes the procedures This TGD describes the procedures for the suspension, modification or revocation of blaster’s licenses and/or penalty assessment actions; it was substantially revised to be more transparent and provide new procedures for these actions. The substantive revisions were published in the *Pennsylvania Bulletin* on May 5, 2014 and DEP accepted comments until July 7, 2014. Comments are being reviewed, a comment response document is being developed, and changes will be made to the TGD where necessary.

In addition, the Engineering Manual for mining has been revised with input from PACA and the Pennsylvania Coal Alliance. It is anticipated that the Engineering manual will be published for comment in *December*.

Board of Coal Mine Safety (BCMS)

Draft Rulemaking: Proximity Detection Systems for Continuous Mining Machines – The Mine Safety and Health Administration (MSHA) had issued a final rule on proximity detection systems for continuous mining machines in underground coal mines earlier this year. The MSHA rule excludes except full-face continuous mining machines. Miners working in the vicinity of continuous mining machines are at risk of pinning, crushing, and striking hazards. This rule provides for greater protection for miners regarding these hazards. The rule had been distributed to the BCMS for review prior to their June meeting. At the June meeting the Board directed DEP to draft initial regulatory language to incorporate the MSHA rule on proximity detection systems for continuous mining machines in underground coal mines into PA mine safety regulations. *The regulations have been drafted and are expected to be considered by the BCMS at the December 8 meeting.*

Final Rulemaking: Standards for Surface Facilities – This proposed rulemaking will allow for the implementation of existing federal regulations that broadly relate to the surface work areas of underground bituminous coal mines and govern surface installations, thermal dryers, safeguards for mechanical equipment, electrical equipment, trailing cables, grounding, surface high-voltage distribution, low- and medium-voltage

alternating currents, ground control, fire protection, maps, personnel hoisting, wire ropes, trolley wires and trolley feeder wires, and slope and shaft sinking. As a result, the existing federal regulations will become independently enforceable by the Commonwealth. Adopting these proposed regulations will ensure that surface operations at underground bituminous coal mine sites are safely conducted and maintained. Although underground bituminous coal mine operators are already required to comply with these regulations, implementing this proposed rulemaking will provide DEP with the independent authority to enforce the federal requirements. This will result in improved efficiency and enhanced autonomy for the Commonwealth. The rulemaking was adopted by the BCMS at its June 10, 2014, meeting. It was published for comment in the August 2 *Pennsylvania Bulletin*. No public comments were received. Two comments were received from IRRC on October 2, 2014, asking for language clarification. DEP legal staff addressed these points and the final regulation package is completed. The Board approved the final rulemaking for standards for surface facilities at their June 23, 2015, meeting. The draft rule has been delivered to the House and Senate Environmental Resources and Energy Committees and IRRC. It is tentatively scheduled for consideration by IRRC at its November 12, 2015 meeting.

Air Quality

Climate Change Advisory Committee (CCAC)

The next Climate Change Advisory Committee will be conducted as a WebEx on November 3, 2015, at 10:00 a.m.

Air Quality Technical Advisory Committee (AQTAC)

The next scheduled meeting of the Air Quality Technical Advisory Committee is December 10, 2015, at 9:15 a.m. in Room 105, RCSOB.

Air Quality Rulemaking Packages

Control of VOC Emissions from Fiberglass Boat Manufacturing Materials –The proposed rulemaking for fiberglass boat manufacturing materials would establish RACT as recommended in the applicable EPA Control Technique Guidelines (CTG) document. The EQB approved the proposed rulemaking for public comment at its May 21, 2014 meeting. The proposed rulemaking was published in the *Pennsylvania Bulletin* on July 19, 2014 (44 Pa.B. 4502). The public comment period closed September 22, 2014. The IRRC comment period closed October 22, 2014. On November 7, 2014, the AQTAC voted to support DEP’s recommendation to forward the draft final-form Annex to the EQB for consideration. The draft final-form Annex was discussed with members of the CAC Policy and Regulatory Oversight Committee on December 15, 2014. On January 28, the Small Business Compliance Advisory Committee voted to support DEP’s recommendation to forward the draft final-form Annex to the EQB for consideration. A follow-up conference call with CAC’s Policy and Regulatory Oversight Committee was held on February 20. The CAC endorsed the regulation during the March 17 meeting. The EQB unanimously adopted the final-form rulemaking at its May 20 meeting. *IRRC will consider the final rulemaking on November 12, 2015.*

Control of VOC Emissions from Miscellaneous Metal Parts Surface Coating Processes, Miscellaneous Plastic Parts Coating Processes and Pleasure Craft Surface Coatings – At the AQTAC meeting on February 20, 2014, the committee unanimously concurred with DEP’s recommendation to submit the proposed Miscellaneous Metal Parts Surface Coating Processes, Miscellaneous Plastic Parts Coating Processes and Pleasure Craft Surface Coatings rulemaking to the EQB for consideration. The proposed rulemaking would establish RACT as recommended in EPA Control Technique Guideline (CTG) documents. On March 18, 2014, the CAC concurred with DEP’s recommendation to forward the proposed rulemaking to the EQB. The Small Business Compliance Advisory Committee (SBCAC) was briefed on the proposed rulemaking on April 23, 2014. The SBCAC voted

unanimously to concur with DEP's recommendation to forward the proposed rulemaking to the EQB for consideration with a recommendation that DEP consider flexibility for small businesses during the development of the proposed rulemaking. The EQB approved the proposed rulemaking for public review and comment at its October 21, 2014 meeting. The proposed rulemaking was published in *Pennsylvania Bulletin* on August 8, 2015, starting a 60-day public comment period (45 Pa. B. 4366). EQB hearings were held September 8,9, and 10, 2015, in Norristown, Harrisburg, and Pittsburgh, respectively. No testimony was presented at the hearings. The public comment period *closed* on October 13, 2015. *Comments were received on the proposed rulemaking from James Verderese, Environmental Manager for GE Transportation.*

Control of VOC Emissions from Industrial Cleaning Solvents – At its February 20, 2014 meeting, the AQTAC concurred with DEP's recommendation to submit the proposed Control of VOC Emissions from Industrial Cleaning Solvents rulemaking to the EQB for consideration. The proposed rulemaking would establish RACT requirements for industrial cleaning solvents as recommended in the EPA CTG documents. The SBCAC was briefed on the proposed rulemaking on April 23, 2014. The SBCAC voted unanimously to concur with DEP's recommendation to forward the proposed rulemaking to the EQB for consideration with a recommendation that DEP consider flexibility for small businesses during the development of the proposed rulemaking. The CAC Policy and Regulatory Oversight Committee discussed this rulemaking during a conference call on May 6, 2014. On the recommendation of the Policy and Regulatory Oversight Committee, on June 17, 2014, the CAC concurred with DEP's recommendation to forward the proposed rulemaking to the EQB. *It is anticipated that the EQB will consider the proposed rulemaking during the first quarter of 2015.*

Additional RACT Requirements for Major Sources of NO_x and VOCs – The proposed Reasonably Available Control Technology (RACT) rulemaking was approved by the EQB on November 19, 2013, and published for public comment in the *Pennsylvania Bulletin* (44 Pa.B. 2392) on April 19, 2014. Three public hearings were held May 27, 28 and 29, 2014. The public comment period closed on June 30, 2014. IRRRC comments were received July 30, 2014. The total number of commentators is 134, including IRRRC. By a vote of 11 to 5, the AQTAC voted to move to the EQB for consideration the RACT requirements at its November 7, 2014 meeting. The draft final-form Annex was discussed with the CAC Policy and Regulatory Oversight Committee on December 15, 2014, and the SBCAC on January 28. A follow-up conference call with the CAC's Policy and Regulatory Oversight Committee was held on February 20; the Committee voted unanimously to recommend EQB consideration of the RACT regulation by the full CAC on March 17. CAC tabled action on this proposal at the March 17 meeting. The draft final-form Annex was again discussed with AQTAC at its April 16 meeting. On September 15, 2015, the CAC voted unanimously to forward the final rulemaking to the Board for action with several recommendations. *The EQB is expected to consider the final-form regulation on November 17, 2015.*

Control of VOC Emissions from Automobile and Light-Duty Truck Assembly Coating Operations and Heavier Vehicle Coating Operations – At its April 3, 2014 meeting, the AQTAC concurred with DEP's recommendation to submit the draft proposed rulemaking to EQB for consideration. The proposed rulemaking would establish RACT as recommended in EPA's CTG. The CAC's Policy and Regulatory Oversight Committee discussed this rulemaking with staff during a conference call on May 6, 2014. On the recommendation of the Policy and Regulatory Oversight Committee, the CAC concurred with DEP's recommendation to forward the proposed rulemaking to the EQB on June 17, 2014. The EQB approved unanimously the proposed rulemaking for public comment and review at its April 21 meeting. The proposed rulemaking was published in *Pennsylvania Bulletin* on August 8, 2015, starting a 60-day public comment period (45 Pa. B. 4351). EQB hearings were held September 8,9,10, 2015, in Norristown, Harrisburg, and Pittsburgh, respectively. No testimony was presented at the hearings. *The public comment period closed on October 13, 2015. The EQB did not receive any comments on the proposal.*

EPA Actions on Redesignation Requests and Maintenance Plans for the 1997 and 2006 PM2.5 National Ambient Air Quality Standards

Redesignation of the Johnstown Area to Attainment of the 1997 and 2006 PM2.5 Standards – On July 16, 2015, EPA approved Pennsylvania’s request to redesignate the Johnstown nonattainment area to attainment for both the 1997 annual and the 2006 24-hour fine particulate matter (PM2.5) NAAQS. EPA also approved as a revision to the Pennsylvania SIP the maintenance plan that shows maintenance of the 1997 annual and the 2006 24-hour PM2.5 NAAQS through 2025. The maintenance plan includes the 2017 and 2025 PM2.5 and NOx mobile vehicle emissions budgets (MVEBs) for Johnstown, which EPA approved for transportation conformity purposes. EPA also approved the 2007 emissions inventory that is included in the maintenance plan (80 FR 42046).

Redesignation of the Lancaster Area to Attainment of the 1997 and 2006 PM2.5 Standards – On July 16, 2015, EPA approved Pennsylvania’s April 30, 2014, request to redesignate the Lancaster County nonattainment area to attainment for both the 1997 annual and the 2006 24-hour fine particulate matter (PM2.5) NAAQS. EPA also approved as a revision to the Pennsylvania SIP the maintenance plan that shows maintenance of the 1997 annual and the 2006 24-hour PM2.5 NAAQS through 2025. The maintenance plan includes the 2017 and 2025 PM2.5 and NOx MVEBs for Lancaster, which EPA approved for transportation conformity purposes. EPA also approved the 2007 emissions inventory that is included in the maintenance plan (80 FR 42050).

Redesignation of the Pittsburgh-Beaver Valley Area to Attainment of the 1997 and 2006 PM2.5 Standards – On May 20, EPA proposed to approve Pennsylvania’s December 22, 2014, request to redesignate the Pittsburgh-Beaver Valley nonattainment area to attainment for both the 1997 annual and the 2006 24-hour fine particulate matter (PM2.5) NAAQS. EPA proposed to determine that the Area continues to attain the 1997 and 2006 PM2.5 standards. EPA is proposing to approve, as a revision to the Pennsylvania SIP, the maintenance plan that shows maintenance of the 1997 annual and the 2006 24-hour PM2.5 NAAQS through 2025. EPA is also proposing to approve as revisions to the Pennsylvania SIP, the 2007 emissions inventories for the 1997 annual PM2.5 NAAQS and the 2011 emissions inventories for the 2006 24-hour PM2.5 NAAQS included in the maintenance plan. In addition, EPA is proposing to approve the NOx motor vehicle emissions budgets (MVEBs) for the Area for the 1996 and 2006 PM2.5 standards for conformity purposes.

Infrastructure SIP Requirements for the 2008 Ozone and 2010 Sulfur Dioxide NAAQS – On August 5, 2015, EPA approved portions of two revisions to Pennsylvania’s SIP for the implementation, maintenance, and enforcement of the 2008 ozone and 2010 1-hour SO2 NAAQS. The plan revisions, which address basic program elements, including statutory and regulatory authority, monitoring, modeling, legal authority, and adequate resources necessary to assure implementation, maintenance, and enforcement of the NAAQS are referred to as “infrastructure” requirements. The DEP is required to submit infrastructure SIP revisions whenever EPA promulgates new or revised NAAQS. The final rule is effective on September 4, 2015 (80 FR 46494).

Final 2015 Ozone National Ambient Air Quality Standards

On October 1, 2015, EPA promulgated the “National Ambient Air Quality Standards for Ozone,” lowering the primary 8-hour ozone NAAQS from 75 parts per billion (ppb) to 70.0 ppb to “provide an adequate margin of safety to protect public health,” as required by the Clean Air Act. EPA also adopted a 70.0 ppb secondary standard to provide “increased protection against vegetation-related effects on public welfare.” In addition to updating the Air Quality Index to conform to the 2015 ozone standards, EPA expanded the ozone monitoring season for 32 states and the District of Columbia. Starting January 2017, *Pennsylvania’s mandated ozone season will be extended from March through October each year. However, the DEP has been conducting ozone monitoring year-round for several years to assess wintertime ozone concentrations.* Based on preliminary ozone monitoring data for 2013-2015, only eight Pennsylvania counties (Allegheny, Armstrong, Bucks, Delaware, Indiana, Lebanon, Montgomery, and Philadelphia counties) have monitors violating the new ozone standards. Designation recommendations for the 2015 ozone standards will be due to EPA by October 2016; EPA’s final designations will take effect in December 2017. Certain State Implementation Plan (SIP) revisions

including “Good Neighbor” and “Infrastructure” SIPs will be due to EPA in October 2018; RACT and Emission Inventory SIP revisions will be due to EPA in December 2019. Attainment dates will range from 2020 -2037 depending on the classification of the ozone nonattainment area. *Notice of the final rule was published in the Federal Register on October 26, 2015; the rule is effective on December 28, 2015 (80 FR 65292).*

Energy Initiatives

Alternative Fuel Fleet Vehicles

Since 2012, the Act 13 Natural Gas Energy Development Program has awarded \$20 million to 62 companies and organizations. *To date, DEP has reimbursed grantees for the purchase or conversion of 309 heavy duty vehicles under the Act 13 program totaling more than \$6.1 million in program funds disbursed. The 309 vehicles supported to date with grant funds are estimated to be displacing over 4.3 million gasoline gallon equivalents per year. Over \$16,105,881 in actual incremental costs have been expended on alternative fuel vehicles due to this program.*

Since 2013, the Alternative Fuel Incentive Grant Program has provided \$7 million to 66 awardees to support the purchase or conversion for light and medium duty natural gas vehicles as well as propane and electric fleet vehicles of any size. *So far, DEP has reimbursed grantees for the purchase or conversion of 232 vehicles totaling just over \$1.29 million in program funds disbursed. The 232 vehicles are estimated to be displacing approximately 535,877 gasoline gallon equivalents per year. Over \$2.64 million in actual incremental costs have been expended on alternative fuel vehicles due to this program.*

Alternative Fuel Vehicle Rebate Program

On May 9, the alternative fuel vehicle rebate program announced continuing support and a new commitment of rebates for EVs and PHEVs at \$2,000. This new commitment of 250 rebates at \$2,000 resulted in another \$500,000 pledged to support alternative fueled vehicles purchased and registered by Pennsylvania residents. The \$2,000 rebate level will remain available until December 31, 2015, or until 250 rebates are issued, whichever occurs first. *As of October 23, 2015, 70 rebates remain at \$2,000.*

PA Turnpike Electric Vehicle Charging

DEP has been working with the PA Turnpike on the deployment of direct current (DC) fast charging stations on the PA Turnpike. At the last update meeting in *October*, Car Charging Group, Inc. (CCGI), the technology provider for the Turnpike project, reported that the DC fast charging station construction *is underway at the Oakmont Plaza. New Stanton, North & South Somerset and North & South Midway all have approved permits and construction time lines submitted.* All 6 western plazas are expected to have DC fast chargers installed and be operational by *the end of February 2016.* CCGI has prepared the bids for the central plazas (Sideling Hill, Blue Mountain, Cumberland Valley, Highspire and Lawn) but has not yet distributed the bids. The chargers will be the first DC Level III chargers capable of fully charging an electric vehicle in 20 minutes on the Turnpike.

Green Energy Revolving Loan Fund (GELF): *DEP held its regularly scheduled quarterly review meeting with The Reinvestment Fund’s (TRF), DEP’s third party manager of a \$12million State Energy Program, ARRA funded, and revolving loan fund. The GELF revolving loan fund provides low interest loans for energy efficiency and conservation measures in existing and new building construction projects which save at least 25% in total energy consumption for the entire building or result in greater than 25% efficiency in systems in which loan fund supported equipment replaces. The \$12 million GELF funding has been previously fully obligated in 2012 but now the loan capital is now beginning to revolve as interest and principal is repaid. One loan in the amount of \$1.75 Million provided to 1400 Spring Garden Associates LP in 2012, for the conversion of a former 282,000 sq. ft. state office building to 204 multi-family rental units was fully paid back to GELF this past quarter. This funding together with an additional \$1.3 Million in State Energy Program funds added to the GELF fund for lending has created an opportunity to further execute new loans. The funding is being considered for use in two projects currently in underwriting. One project, Lehigh Valley Charter High School*

for the Arts is seeking a loan to incorporate approximately \$2.5 in additional energy efficiency measures (building envelope, HVAC Lighting etc.) into the construction of an 85,000 sq. ft. LEED Gold facility. Another project under consideration is the proposed Aloft Hotel located on Broad Street in Philadelphia. The Hotel project is the conversion of an existing vacant office building into a 178 room hotel with retail and amenity spaces on the ground floor. The project involves approximately \$3 million in potential energy efficiency measures. Both loans are anticipated to close before the end of the year and are expected to consume the available capital.

Promoting an Energy Efficient Work Force

Building Operator Certification (BOC)/Building Re-Tuning (BRT) Training: BOC is a national, competency-based training program that empowers facilities personnel with the job skills and knowledge to transform workplaces into more comfortable and energy-efficient spaces. A variety of building management topics including lighting systems, heating ventilation & air conditioning (HVAC), indoor air quality, sustainability, and energy conservation are addressed. BRT trains facility managers in a systematic approach to finding low-to-no-cost energy efficiency improvements in a target building. DEP has entered into a contract with Penn State University to conduct BOC and BRT Training for facility managers from K-12 schools and local governments from July 1, 2015 through June 30, 2016. Additional BRT Trainings will be offered to Community Colleges as well. The first BOC course will be offered in Allentown beginning on August 26th and will end on November 19th. Five of the participating facility managers are from K-12 schools and three are from local governments. The first cohort of BRT will begin in northwest PA on November 12th at Penncrest School District. Another school district, county, and township are also participating in this cohort. Funding is provided by the U.S. Department of Energy's (DOE) State Energy Program (SEP).

BOC/BRT Class at Penn State University: Throughout the fall semester 2014, a course entitled Building Retuning Design for Energy Efficiency Leadership was offered for the first time to 8 undergraduate and graduate students at Penn State's University Park campus. This course, focused on energy efficient building operations, was based on the training materials from Building Operator Certification (BOC) and Building Retuning (BRT) programs. Five building walk-downs/retunes of Penn State buildings were conducted by the students. In the spring semester 2015, three of the fall semester students continued on in an independent study course, during which they conducted four building retunes: College Township Municipal Building, two State College Area School District buildings, and one Penn State building. DEP has entered into a contract with Penn State University for FY 2015-2016 to further develop the course and expand the offering to other colleges and universities. Funding is provided by the U.S. Department of Energy's (DOE) State Energy Program.

Industrial Energy Efficiency Assistance

DEP contracts with the Pennsylvania State University's Technical Assistance Program (PennTAP) to help Pennsylvania companies improve their competitiveness by providing technical assistance and information. DEP and PennTAP entered into a new contract for FY 2015 – 2016 to provide 10 -12 energy efficiency assessments for small to mid-sized manufacturers. PennTAP will also provide ISO 5001 and DOE Superior Energy Performance technical assistance for several manufacturers. PennTAP's technical staff is in the outreach planning stages. Funding is provided by EPA's Pollution Prevention Incentives for States and the DOE's SEP.

PennTAP staff provided energy efficiency assessments at JLG Industries, Fulton County; Harbison-Walker, Blair County; Snow Shoe Refractories, Centre County; and Matson Lumber, Jefferson County in October. They represent the vehicle and vehicle equipment; advanced materials and diversified manufacturing; and umber, wood, and paper industries respectively. The PennTAP staff are also developing an energy efficiency assessment webinar tentatively planned for December 17, 2015

State Energy Program Competitive Award for Energy Efficiency Registry

DOE will finalize the contract with Tennessee Department of Environment and Conservation (TDEC) in December and the start date will be January 1. DEP's Energy Office will work with the TDEC, NASEO, The

Climate Registry (TCR), APX (a private sector provider of Renewable Energy Certificate registrations) and other partner states (GA, MI, MN, OR), to begin development of an energy efficiency registry. The registry would enable market-oriented energy efficiency programs to provide transparent outcomes and also provide a robust accounting tool for use in meeting voluntary or mandated goals. The registry could be used by states to track energy efficiency projects and programs, avoid double counting, and enable potential future trading approaches and multi-state agreements. Work will begin on the project this winter. The project team will catalyze the establishment of a national energy efficiency registry by overseeing the development of the following deliverables:

1. Model registry principles and operating rules, informed by a national consensus multi-stakeholder process, that will form the foundation of the energy efficiency registry;
2. A roadmap with potential pathways for voluntary state adoption and implementation of the registry, and integration of the registry into broader state energy planning and policy; and,
3. A software platform, informed by the model registry principles and operating rules developed under a parallel but separate effort.

At the conclusion of this project, the team will deliver governance rules that enable the operation of a nationally accessible and user-friendly energy efficiency registry tool and a roadmap that enables states to understand its adoption and implementation. DEP plans to include DCED, PUC and other stakeholders in these discussions and planning as we move forward.

Environmental Cleanup and Brownfields

Cleanup Standards Scientific Advisory Board (CSSAB)

The CSSAB meeting scheduled for December 16 will be cancelled.

Storage Tank Advisory Committee (STAC)

The next meeting of the Storage Tank Advisory Committee (STAC) is scheduled for December 8 at 10:00 a.m. in Room 105 of the Rachel Carson State Office Building located at 400 Market Street, Harrisburg.

Environmental Education

Environmental Education Grants Program (EEGP)

DEP's Environmental Education and Information Center (EEIC) awards grants to colleges and universities, K-12 schools, county conservation districts, businesses, and non-profit organizations, municipalities to do professional development, curriculum integration, hands-on lessons as well as covering costs associated with a variety of environmental education topics. This program is funded through a portion of fines and penalties collected by DEP.

The 2016 grant round opened October 5, 2015 and will close December 18, 2015.

Schools, colleges and universities, county conservation districts, nonprofit organizations, municipalities, and businesses can to apply for the grants.

The grants provide funding to develop programs and projects that support environmental education about issues including:

- ***Sustainable Living:*** rain gardens, rain barrels, clean energy, radon protection, composting, and other related topics.
- ***Chesapeake Bay and Watershed Education:*** reducing non-point source pollution, abandoned mine drainage/reclamation, water conservation, private water wells, groundwater, and other related topics
- ***Air Quality:*** ground level ozone, climate change, transportation, and electric generation issues

- **Brownfields:** brownfield redevelopment and creating sustainable communities
- **Energy:** energy efficiency and conservation, as well as, school energy teams, natural gas, coal, wind, solar, and other clean energy sources and technologies
- **Keystone Energy Education Program (KEEP):** school energy teams to reduce school building's energy use
- **Climate Change:** climate change and mitigation strategies
- **Environmental Literacy:** engage educators and stakeholders in content standards and field-based environmental education
- **Environmental Education Certification:** develop and implement institutionalized and community-based certification programs designed for teachers, naturalists, and educators working in schools and environmental education facilities
- **Natural Landscaping and Trees:** native plant landscaping, riparian buffers, and invasive plant management
- **Connecting Children with Nature:** immersive outdoor education

Eligible projects include, but are not limited to, teacher professional development; curriculum integration; outdoor learning resources, such as trails, shelters, streamside plantings, and educational programming; transportation to field study sites; water chemistry testing equipment; and educational events. Grants are awarded for up to \$3,000.

DEP at Home Exhibit

DEP at Home is an interactive, educational exhibit that promotes water conservation, clean watersheds, sustainable building materials, green/healthy products, energy efficiency and alternative transportation technologies, including electric (EV) and compressed natural gas (CNG) vehicles.

The exhibit was featured most recently on August 18-20 at Ag Progress Days in Pennsylvania Furnace. The exhibit focused on storm water management and alternative transportation and fuels. The exhibit was featured at the following events:

<u>Event</u>	<u>attendance</u>	<u>audience</u>
Farm Show (2015)	585,000	General Public
Pittsburgh Home and Garden Show	15,000	General Public
Erie Home and Garden Expo	10,000	General Public
State Envirothon	1,500	Students, faculty & Parents
Ag Progress Days	25,000	General Public
Northeast PA Home Show (Wilkes-Barre)	15,000	General Public
Suburban Philadelphia Home Show	20,000	General Public
Energy Path Conference	5,000	General Public
Capitol Earth Week Event	5,000	General Public
Phillies Red Goes Green Event	5,000	General Public
Total:	686,500	

Events being considered for the 2016 outreach season include:

PA Farm Show – January 9-16 in Harrisburg

SEF Energypath Expo – summer in State College

Ag Progress Days – August 16-18 in Pennsylvania Furnace

Keystone Energy Education Program (KEEP)

KEEP focuses on teaching about and tracking energy efficiency in school buildings and homes. Interested schools may attend workshops as a “building team.” Each building team may include any or all of the following:

- Teachers in grades 4-8
- School administrator or designee
- Building maintenance or facility manager or designee

Workshop participants learn about and explore energy conservation, efficiency, energy basics, student energy teams, benchmarking the school building using the free Energy Star Portfolio Manager program, and more. The first KEEP workshop of 2015 was held on April 7, at Westtown School in Chester County, a second at Slippery Rock University on May 12, and a third on June 17 at Ferguson Township Elementary School in Pine Grove Mills. One additional workshop is scheduled for the following date and location:

October 20th 2015: Springside Chestnut Hill Academy, 500 West Willow Grove Avenue, Philadelphia, PA

In addition to DEP’s KEEP workshop series, schools are also encouraged to conduct their own KEEP formatted workshops within their own school districts. The DEP EE Grants Program offers a \$3,000 award to cover all or a portion of the costs associated with the workshops. Grantees have responded to this offering in the 2015 round... this track will be offered again for the 2016 grant round.

PA Falcon Reintroduction Program

The peregrine falcon fledglings have become completely independent and have dispersed from the area. The adults will remain in the area, defending the nest site. The 2016 breeding season will begin in late January when the adults are expected to renew their pair-bond.

Ongoing, active components of this program include: email interaction with web viewers, Falcon Wire and Twitter postings and school/youth programming on endangered species, featuring Rachel’s falcons.

Oil and Gas

Conservation Well Application: Hilcorp Energy Company (Hilcorp) submitted a permit application to DEP to drill a natural gas well through the Onondaga formation in Pulaski Township, Lawrence County. As such, this unconventional gas well is subject to the requirements of the Oil and Gas Conservation Law, 58 P.S §§401-419 (“Conservation Law”), including that the well be setback at least 330 feet from the lease boundary line. DEP has determined that the 330 foot setback requirement applies to the entire length of the vertical and horizontal well bore.

Hilcorp has requested that DEP waive the 330 foot setback requirement. This is the first waiver request that DEP has received under the Conservation Law.

On September 16, 2015, DEP conducted a public hearing on Hilcorp's setback waiver request as required under the Conservation Law. Approximately 25 citizens attended the hearing. The comment period is now closed and DEP is preparing a response to the comments that were received.

Oil and Gas Workload Report

Please see Attachment 2.

Radiation Protection

Radiation Protection Advisory Committee (RPAC)

The next RPAC meeting will be held in spring 2016, at a date to be determined

Radiation Protection Rulemaking Packages

Security Rule for Radioactive Material – This rulemaking incorporates by reference selected regulations from Title 10, Chapter I, of the U.S. Nuclear Regulatory Commission (NRC) Code of Federal Regulations (CFR) relating to radiation protection and control of radioactive materials. Recently NRC implemented new security-related regulations, known as 10 CFR Part 37, which Pennsylvania is required to adopt by March 2016. The purpose of this amendment is to reference the new Part 37, except for those subsections which only apply to the NRC. The rulemaking was recommended as proposed for presentation to EQB by the Radiation Protection Advisory Committee (RPAC) at its June 2014 meeting. The EQB adopted the proposed rulemaking at its October 21, 2014, meeting. It was published in the *Pennsylvania Bulletin* on March 21, opening a 30-day public comment period that ended April 20. The Independent Regulatory Review Commission's (IRRC) 30-day comment period closed on May 20. No comments were received from the public or the IRRC. The EQB unanimously adopted the final-form rulemaking at its September 15 meeting.

Radiation Protection Program Fees – This rulemaking amends Chapters 218 and 240 relating to fees. DEP must review the adequacy of established fees every three years, and the current fee review indicates the need for a fee increase in two program areas. The Radiation Protection Program found that the fees for Radioactive Materials and Decommissioning Program and Radon Program are insufficient to cover program costs. This information was presented in a 3-year Fee Report to the RPAC and EQB in 2014 meetings of these bodies. RPAC has endorsed the increases. *The proposed rulemaking is scheduled for presentation to the EQB on November 17.*

Radiological Health – This draft proposed rulemaking will amend 25 Pa. Code Chapters 215-240 to update Computed Tomography and Fluoroscopic regulations; to address new X-ray technology that is not addressed in current regulations; and to include comprehensive updates to the radon regulations to incorporate procedures and protocols that are not addressed in the current regulations. Additional items of clarification are 45-day reporting and application requirements, specifying the number of mitigation firm employees, and numerous changes and additions to the definitions section. This rulemaking has been discussed at length with RPAC in its 2014 and 2015 meetings. DEP received the Committee's endorsement of the package at its July 23 meeting. Regulatory language is being finalized for anticipated EQB consideration in the spring of 2016.

Waste Management

Solid Waste and Recycling Fund Advisory Committees

The SWAC will publish its 2016 meeting schedule in December.

U.S. Environmental Protection Agency Efforts to Reduce Methane Emissions Associated with Landfills

The USEPA's Draft Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990 -2013, published in April 2015, ranks landfills as the third largest source of human-related methane emissions in the United States, accounting for approximately 18 percent of methane emissions in 2012. On August 14, 2015, EPA proposed "Standards of Performance for Municipal Solid Waste Landfills" and "Review of Amendments to Emission

Guidelines and Compliance Time for Municipal Solid Waste Landfills (40 CFR Part 60, Subpart Cc).” These federal proposals are designed to update standards to reduce methane emissions and non-methane organic compounds from new, existing and modified municipal solid waste (MSW) landfills. EPA’s new source performance standards (NSPS) and emission guidelines (EG) promulgated under section 111 of the Clean Air Act are automatically adopted and incorporated by reference in their entirety in the Pennsylvania Code and will take effect in Pennsylvania on the same date as the federal rules. Pending the issuance of new or amended Plan Approvals and Operating Permits, if necessary, owners and operators of affected sources would be obligated to comply with the requirements to reduce methane emissions from new and existing MSW facilities in the Commonwealth. Both actions are part of the President’s Climate Action Plan – Strategy to Reduce Methane Emissions.

Water Management

New Chapter 102 and 105 Delegation Agreements

The State Conservation Commission (SCC) approved the Department’s revised Chapter 102, including the post construction stormwater delegation, and the 105 delegation agreements at its September 15, 2015, meeting in Harrisburg. The agreements will be distributed statewide to conservation districts for signature in late October 2015. New conservation district managers participated in a conference call meeting in late July and webinar training was held in early August for all conservation districts and their board members. Conservation districts will have the opportunity to examine the key changes to the approved agreements prior to deciding if they desire to maintain, change, or terminate their level of delegation with the program. It is likely to take six to nine months after distribution for the conservation districts to review, approve, and return the new, fully executed agreements to the Department. Existing delegation agreements will remain in effect until a new agreement is executed or if the conservation district no longer wishes to be delegated. For conservation districts to continue delegation in one or both of the delegated programs, they must sign on to the new agreements. A termination process is established in the current delegation agreements should a conservation district wish to be no longer delegated.

Key Changes to the Chapter 102 Agreement:

- *Permit Decision Guarantee/Permit Review Process (PDG/PRP) SOPs have been developed for each permit type and the timeframes in those SOPs are reflected in the delegation agreements and required output measures (ROMs).*
- *Post Construction Stormwater Management (PCSM) delegation has been developed in a stand-alone agreement, along with associated ROMs.*
- *The PCSM delegation provides for both completeness and engineering review of the PCSM plans; what was previously known as the “technical review” will be terminated. Districts who do not assume the PCSM delegation will still remain required to execute completeness reviews of PCSM plans and to make note of PCSM practices during site inspections.*
- *Agriculture E&S is specifically identified in the base and PCSM delegation agreements and ROMs.*

Key Changes to the Chapter 105 Agreement:

- *General Permit transfers and Submerged Lands License Agreement transfers will be added to the responsibilities of the delegated conservation districts.*
- *Customized agreements will no longer be issued. Every conservation district will be provided the same agreement with the same delegated responsibilities.*
- *Permit Decision Guarantee/Permit Review Process (PDG/PRP) SOPs have been developed for each permit type and the timeframes in those SOPs are reflected in the delegation agreements and ROMs.*

Chesapeake Bay Manure Management Plan and BMP Farmer Self-reporting Tool

The Pennsylvania Association of Conservation Districts (PACD) released a new online survey tool to collect best management practice (BMP) data on October 13. The tool was reacted with the financial and technical support of DEP. The survey tool will collect information about manure management plans, manure storage, stream bank fencing, and other BMPs. Information collected by the survey will help calculate pollution reduction progress in watersheds across Pennsylvania and support the Chesapeake Bay Watershed cleanup. With this survey tool, Pennsylvania can engage farmers directly to get the information Pennsylvania needs to input BMP data n to the Chesapeake Bay model. PACD and DEP began working on the survey tool in April. Other project partners included: Pennsylvania Farm Bureau, Pennsylvania State Grange, and PennAg Industries Association. DEP used money from the Clean Water Fund, which is supported by fees and fines, to finance the creation of the survey tool.

NPDES Permitting

On May 30, DEP published a draft NPDES General Permit for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems (MS4s) (PAG-13). The PAG-13 General Permit currently in effect does not expire until March 2018. If the reissued PAG-13 General Permit is published as final prior to the existing PAG-13 expiration date, it will not become effective until March 2018. DEP is seeking input on the draft PAG-13 early due to the possibility of changes to the General Permit that may necessitate significant efforts on the part of MS4 permittees in preparing future Notices of Intent (NOIs) for General Permit coverage. The most significant proposed change involves the development of Pollutant Reduction Plans for stormwater discharges to waters draining to the Chesapeake Bay and to waters impaired for nutrients and sediment, with mandatory reductions in pollutant loadings. DEP provided a 60-day comment period in lieu of the standard 30-day comment period. DEP subsequently decided to extend the comment period for an additional 15 days based on several public requests. *As a result, the comment period ended on August 31, 2015. DEP received 609 comments from 64 individuals/groups. The Bureau of Point and Non-Point Source Management (BPNPSM) staff currently are reviewing the comments, preparing the responses and, where necessary, revising the general permit.*

BPNPSM re-issued the NPDES General Permit for Discharges Resulting from Hydrostatic Testing of Tanks and Pipelines (PAG-10) on July 11, 2015. The PAG-10 is now valid for 5 years.

BPNPSM staff is currently working on the re-issuance of the NPDES General Permit for Discharges of Stormwater Associated with Industrial Activities (PAG-03). The current PAG-03 expires on December 05, 2015. *The proposed draft PAG-03 general permit revision was advertised in the Pa Bulletin on October 17, 2015. The draft PAG-03 is available for viewing on the Department's website. The public comment period will be open for 30 days until November 16, 2015. The Department is planning to publish an Administrative Extension so that the current authorization for existing general permitted discharges does not expire until a new permit can be issued. However, during the period of Administrative Extension, new NPDES PAG-03 general permits cannot be issued. Persons seeking authorizations to discharge would need to apply for an individual NPDES discharge permit.*

Stormwater BMP Grant Program Applications Received

DEP announced a new grant program, using EPA money, which will be used by municipalities to construct stormwater Best Management Practices (BMPs) in the Chesapeake Bay Watershed in August. The deadline for applications closed on October 9, 2015. DEP received 42 applications. The most common types of BMPs requested in the applications are raingardens, trees (urban planting and riparian buffers), and stormwater management basin retrofits. Applications came from municipalities and municipal authorities in the southcentral, northeast and northcentral DEP regional offices. Details on the program are available on the DEP stormwater website at Chesapeake Bay BMP Funding.

Proposed Rulemaking: Revised Total Coliform Rule

The purpose of the proposed RTCR Chapter 109 rulemaking package is to incorporate necessary federal requirements needed to obtain primacy and to provide for the increased protection of public health. The proposal does the following:

- Strengthens public health protection by ensuring the integrity of drinking water distribution systems and monitoring for the presence of microbial contamination.
- Establishes a Maximum Contaminant Level (MCL) for E.coli.
- Creates a treatment technique for coliforms that requires public water supplies (PWSs) to assess their system and correct any problems that have been identified.

The Bureau of Safe Drinking Water presented the draft proposed Revised Total Coliform Rule (RTCR) rulemaking package to the EQB at its April 21 meeting. The EQB approved the RTCR rulemaking as proposed with modifications. The modifications included separating the rulemaking into 2 parts: the proposed RTCR provisions, which were approved for publication for a 60-day public comment period; and the non-RTCR provisions, which will undergo additional stakeholder input.

The proposed rulemaking package was discussed at the April 30 Small Water Systems Technical Assistance Center (TAC) Board meeting, where the Board was apprised of the modifications made by EQB. At the meeting, the TAC Board voted to recommend that DEP further break down the general Chapter 109 rulemaking into two parts: the first dealing solely with the disinfectant residuals provisions required for primacy; and the second with the remaining portions of the general update. DEP began soliciting input from the larger water systems on the rulemakings at three additional TAC Board meetings held May 18 and 26, and June 16 in Harrisburg. Additional discussion and final recommendations on the disinfectant residuals provisions were given by the TAC at its meeting on June 30.

Nonpoint Source Management Plan Approved by EPA

On September 24, 2015, the Bureau of Conservation and Restoration received a letter from the EPA approving the final draft of the Nonpoint Source Management Plan – 2014 Update. Recent changes made by EPA to Section 319 program guidance now requires all states receiving Section 319 funds, to update management plans every five years. The 2014 update to this document replaces the 2008 update. The 2014 Nonpoint Source Management Plan maintained much of the same programmatic information found in the 2008 update, but includes additional information recently required by EPA guidance. With the approval of Pennsylvania’s NPS Management Plan, DEP is once again eligible to receive Section 319 funds from EPA. DEP typically receives approximately \$4.6 million from this fund.

Attachment 1

2015 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 Center on the DEP website. Click on “Public Participation Center;” “News and Events.”

October	
30	Clean Power Plan Listening Session; Clarion County, 9 a.m. – 12 p.m., Clarion University, corner of Payne St. and Wilson Ave, Clarion PA.
29	Clean Power Plan Listening Session; Clearfield County 2 p.m. – 5 p.m., 7 Hiller Building Auditorium, Penn State Dubois, 1 College Place, Dubois
November	

3	Climate Change Advisory Committee; 10 a.m. – 3 p.m., Room 105 RCSOB
4	Clean Power Plan Listening Session; Lycoming County, 6 p.m. – 9 p.m., Mountain Laurel Room, Penn College, 1 College Ave, Williamsport
5	Environmental Justice Advisory Board; 8:30 a.m., Delaware Room, RCSOB
5	Certification Program Advisory Committee; 9 a.m., Room 105 RCSOB
5	DEP Southeast Regional Roundtable; 10 a.m. – 12 p.m., SERO, 2 East Main St., Norristown
9	LED Street Lighting Workshop; 10 a.m. – 1 p.m., Cabela’s Conference Center, 100 Cabela Dr., Hamburg
10	Aggregate Advisory Board Meeting; 10 a.m., Room 105, RCSOB
17	Environmental Quality Board, 9 a.m., Room 105, RCSOB
17	Citizens Advisory Council; 10 a.m. Room 105, RCSOB,
17	DEP Public Hearing on Proposed Interim response for a HSCA site; 6:30 p.m. - 9:30 p.m., Warwick Township Building, 1775 Township Green Rd., Jamison
18	Pennsylvania Pipeline Infrastructure Task Force Meeting; 1-4 p.m., SCRO
18	Water Resources Advisory Committee; 9:30 a.m., SRBC, 4423 N. Front St., Harrisburg, PA 17110
December	
8	Board of Coal Mine Safety; 10 a.m., Cambria Office, 286 Industrial Park Road, Ebensburg
8	Storage Tank Advisory Committee; 10 a.m., Room 105, RCSOB
10	Air Quality Technical Advisory Committee; 9:15 a.m., Room 105, RCSOB
10	State Board for Certification of Water and Wastewater Systems Operators, 10 a.m., 10 th floor Conference Room, RCSOB
15	Environmental Quality Board, 9 a.m., Room 105, RCSOB
16	Cleanup Standards Scientific Advisory Board, 9 a.m., Room 105, RCSOB
16	State Board for Certification of Sewage Enforcement Officers; 10 a.m., Conference Room 11B, RCSOB
17	Small Water Systems Technical Assistance Center Board, 9 a.m., Room 105, RCSOB
January	
13	Pipeline Task Force Meeting; 1 p.m. – 4 p.m., Dixon University Center, 2986 North Second Street, Administration Building, Conference Rooms A, B, and C, Harrisburg

Attachment 2

Oil and Gas Workload Report

YTD WELL PERMIT APPLICATIONS - 1/1/2015 to 10/23/2015						
	RECEIVED	UNDER REVIEW	PROCESSED	PERMITS ISSUED	WELLS PERMITTED	OTHER DISPOSITIONS
CONVENTIONAL	381	46	413	405	403	8

UNCONVENTIONAL	1,700	223	1,736	1,701	1,624	35
Sub Total	2,081	269	2,149	2,106	2,027	43
AUTHORIZATIONS	585	253	369	332	N/A	37
Total	2,666	522	2,518	2,438	2,344	80

WEEKLY WELL PERMIT APPLICATIONS - 10/17/2015 to 10/23/2015

	RECEIVED	UNDER REVIEW	PROCESSED	PERMITS ISSUED	WELLS PERMITTED	OTHER DISPOSITIONS
CONVENTIONAL	14	14	25	25	25	0
UNCONVENTIONAL	22	22	33	33	33	0
Sub Total	36	36	58	58	58	0
AUTHORIZATIONS	5	5	18	18	N/A	9
Total	41	41	76	76	76	0

HISTORICAL WELL PERMIT APPLICATIONS AS OF 10/23/2015

	RECEIVED	PROCESSED	PERMITS ISSUED	WELLS PERMITTED	OTHER DISPOSITIONS	ACTIVE PERMITS
CONVENTIONAL	197,115	197,125	195,903	189,876	1,222	105,007
UNCONVENTIONAL	20,977	20,721	20,298	16,838	423	10,203
Sub Total	218,149	217,846	216,201	206,714	1,645	115,210
AUTHORIZATIONS	41,341	41,035	40,742	N/A	293	18,512
Total	259,490	258,881	256,943	247,042	1,938	133,722

YTD INSPECTIONS - 1/1/2015 to 10/23/2015

	INSPECTIONS	FACILITIES INSPECTED	VIOLATIONS	ENFORCEMENTS
CONVENTIONAL	10,058	7,295	822	216
UNCONVENTIONAL	9,67810,833	5,294	306	103
CLIENT/SITE	3,713	0	1,124	762
Total	24,604	12,589	2,252	1,081

WEEKLY INSPECTIONS - 10/17/2015 to 10/23/2015

	INSPECTIONS	FACILITIES INSPECTED	VIOLATIONS	ENFORCEMENTS
CONVENTIONAL	489	469	86	2
UNCONVENTIONAL	131	126	4	0
CLIENT/SITE	56	0	3	4
Total	676	595	93	6

WELLS DRILLED

	Two Years Prior 1/1/2013 to 10/23/2013	One Year Prior 1/1/2014 to 10/23/2014	Year To Date 1/1/2015 to 10/23/2015	Week of 10/17/2015 to 10/23/2015	As of 10/23/2015
CONVENTIONAL	810	687	263	2	194,390
UNCONVENTIONAL	1,003	1,118	686	25	9,519
Total	1,813	1,805	949	27	203,909

This report was prepared by Abbey Cadden, Policy Aide, DEP Policy Office. For questions or requests, please email acadden@pa.gov or call (717) 705-3769.