

February 2014 Report to the Citizens Advisory Council
(new and updated information in italics)

DEP Highlights

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

DEP presented the proposed Chapter 78, Subchapter C regulations to the Environmental Quality Board on Aug. 27, 2013, who adopted the proposal for public comment. The proposed rulemaking was then reviewed by the Office of General Counsel and was forwarded to the Attorney General on Sept. 26. After DEP responded to a tolling memo, the proposed rule was published in the Pennsylvania Bulletin for the 60-day public comment period.

The department hosted webinars on Dec. 19, 2013 and Jan. 3, 2014 to brief the public on the key provisions of the proposed rulemaking and inform the public how comments can be submitted. The webinars are available on the DEP website at: www.dep.state.pa.us, select Public Participation Center, Be Informed, Webinars, Oil and Gas, Proposed Regulations for Oil and Gas Surface Activities Webinar.

The public comment period opened on Dec. 14, 2013 and was initially scheduled to close on Feb. 12, 2014. The EQB intended to host 7 public hearings throughout each of the regions of Pennsylvania between Jan. 9- 27, 2014. However, as a result of comments received during the each of the public hearings to date and to promote an even greater level of public participation, the EQB and DEP jointly announced on January 22, 2014 that the public comment period and series of public hearings on the proposed oil and gas surface activities regulation will be extended.

The public comment period, originally scheduled to end on Feb. 12 is now extended for 30 days to March 14. This extension now provides for a total of 90 days for public comment and nine public hearings.

Two additional public hearings will be held, both beginning at 6 p.m.:

- Feb. 10: Troy High School, 150 High St., Troy, PA 16947
- Feb. 12: Warren County Courthouse, 204 4th Ave., Warren, PA 16365

The specific dates and locations of all public hearings are available on DEP’s website (click on the “Proposed Oil and Gas Regulations” button) and are included in Attachment 1.

The department will consider all comments received as it proceeds with the development of the final rulemaking.

Final Proposed Rulemaking – Chapter 78, Subchapter B (relating to permits, transfers and objections)

Section 78.19(f) requires the department to provide the EQB with an evaluation of the fees in Chapter 78 and “recommend regulatory changes to the EQB to address any disparity between the program income generated by the fees and the department’s cost of administering the program with the objective of ensuring fees meet all program costs and programs are self-sustaining.” This evaluation is required at least once every three years. Because the prior fee regulation was effective in Oct. 2009, the department prepared the 3-Year Report and developed a proposed rulemaking to address the disparity between program income and costs as described below.

The purpose of the proposed regulation is to change the unconventional natural gas well permit fee structure from a sliding fee schedule based on well bore length to a fixed fee of \$5,000 for horizontal unconventional wells and \$4,200 for vertical unconventional wells. As a result of this change in structure, the permit fee for an average unconventional well will increase by approximately \$1,800 per well for horizontal wells and by \$1,300 per well for vertical unconventional wells.

The department consulted with the Oil and Gas Technical Advisory Board (TAB) in the development of this proposed rulemaking. The department presented the draft proposed rulemaking to TAB at its April 23, 2013 meeting. Because the rulemaking does not address technical issues relating to oil and gas, TAB did not take a formal action relative to the proposed rule.

On July 16, 2013, DEP presented the proposed rulemaking package to the EQB and the board voted unanimously to proceed with publication for a 30-day public comment period.

The proposed rulemaking was published in the *Pennsylvania Bulletin* for a 30-day public comment period, which opened on Sept. 14 and closed on Oct. 15, 2013. The department received comments from 6 commenters *and prepared responses to all comments that were received.*

On Tuesday, Jan. 21, 2014, DEP presented the final rulemaking package to the EQB. The EQB adopted the final rulemaking as presented. The final rulemaking now requires final review by the Independent Regulatory Review Committee, the House and Senate standing environmental committees, and the Office of Attorney General. After approval, the final rulemaking will be published in the Pennsylvania Bulletin as final.

DEP at Home Exhibit

The department's "DEP at Home" educational interactive display made its debut at the 2013 Pennsylvania Farm Show where it won the award for "Best Educational Display" among the show's 10,000 competitive exhibits and nearly 300 commercial exhibitors. More than 500,000 visitors toured the display that teaches people how they can make changes in and around their homes to make them more energy efficient and environmentally friendly. The display was featured in numerous stories by newspapers and television stations across the state and drew large crowds throughout the week-long event.

After the Farm Show, the display spent 2013 traveling to home shows and educational events around the state, including a week-long stint at the State Capitol during Earth Week, the Envirothon in May, at Penn State's Ag Progress Days this past Aug. and several home shows held in Pittsburgh, Erie and Suburban Philadelphia. Since its debut, nearly a million visitors have viewed the exhibit.

The exhibit was modified in time for the 2014 Farm Show to include a garage that features *information about* options for alternative fuel vehicles, like natural gas and electric. The garage features environmentally safe products for vehicle and property maintenance, and *an all-electric* Nissan Leaf EV is on loan from a local dealer and the centerpiece of the exhibit. Environmental Education and Energy Office staff *worked* with the vendor, Purpose 1 to revise graphics and include hands-on *natural gas* fueling and *electric* charging stations within the exhibit.

After the 2014 Farm Show, the exhibit traveled to the Northeast Pennsylvania Home Show in Wilkes-Barre where it won the "Best In Show" award. The department plans to take the exhibit to several home shows and educational events throughout 2014.

Governor's Budget Office Publishes Commonwealth Performance Report

The 2012-2013 report on state performance was made available late December 2013. DEP's performance objectives are: (1) reducing risks to communities posed by dams; (2) improving environmental health and safety through permitting, inspections and enforcement; (3) improving quality of life by protecting the health and safety of PA residents, increasing the development of and leveraging private investment for alternative energy sources in PA, reducing impacts of pollution to PA land, air and water resources; and (4) restoring PA lands impacted by legacy environmental issues. The report can be found at: http://www.budget.state.pa.us/portal/server.pt/community/performance_reports/4677 .

Environmental Quality Board Launches New Online Public Comment Tool

DEP's Bureau of Information Technology in conjunction with the Policy Office has developed an online public comment tool to more efficiently receive all public comments associated with proposed and final rulemakings, *distribute the comments to IRRC and the Standing Committees* and to effectively prepare responses to those comments. Previously, public comments were accepted by way of e-mail and in hardcopy through the U.S. Postal Service. This tool enables a commenter an additional option of submitting their comments electronically so that DEP can more effectively assemble, *distribute*, track and respond to public comments. This tool was launched on Dec. 14, 2013, in time to accept comments

received during the public comment period for the Chapter 78, Subchapter C proposed rulemaking. The Online Public Comment System will be used by EQB to accept public comments for future rulemakings advanced by the department.

2013 End of Year TENORM Study Report

DEP is currently engaged in the most extensive and comprehensive study ever undertaken to examine the levels of naturally occurring radiation in a variety of equipment, materials and media associated with the development of oil and gas resources, as well as the potential environmental impact and exposure to the public and workers.

The field work portion of the Study commenced on April 15, 2013. As of December 31, 2013, 184 field visits had taken place at 114 individual locations across the state. These efforts resulted in the collection of 911 samples that have been processed by the DEP Laboratory. The field work was conducted at a variety of facility types including the following:

- *20 well pads were visited through the various phases of development on 41 occasions.*
- *3 rounds of waste water treatment plant sampling at 25 facilities were completed on December 16, 2013.*
- *13 sites were sampled in the northern part of the state where brine from conventional gas wells was applied for dust suppression.*
- *A facility that stores well casings from decommissioned conventional wells was visited for the collection of radiation surveys of that material.*
- *7 facilities that compress, store, and utilize natural gas for electricity generation were visited for data collection.*
- *48 landfills across the state were visited for sampling.*
- *A shipment of waste water treatment plant sludge was surveyed at its originating location, followed to a landfill, and surveyed again to assess the effect of transport on the radiological characteristics of that material.*

Significant field work remains to be completed in 2014 along with final report preparation. DEP estimates 51 data collection visits to 49 sites remain to be conducted to complete the field work portion of the Study. The majority of these visits are scheduled to take place at well pads to collect samples during the production phase of operations. The balance will include visits to well pad wastewater impoundments, beneficial use sites, gas operations facilities, landfills, and sludge shipment sampling opportunities. The majority of the field work is planned for completion by the end of February. March through August will be primarily dedicated to data analysis, report preparation, peer reviews, and edits. The final report is planned for release in 2014.

DEP Unveils Susquehanna River Study Video

On Jan. 16, 2014, DEP announced the launch of an all-new about educational video about the ongoing water quality study on the Susquehanna River.

Since beginning the study in 2012, DEP scientists and staff, in cooperation with other federal and state agency personnel, are conducting an analysis of the Susquehanna River's water quality, water flow, sediment, pesticide and hormone levels, invertebrates and fish tissue.

The investigation was broadened in 2013 to include tributaries to the Susquehanna River and its West Branch, as well as the Juniata River. The study was also expanded to explore the cause of a number of issues affecting smallmouth bass in certain areas of the river.

In 2012, DEP staff spent more than 187 cumulative work days sampling on the river. In 2013, that number grew to 927 cumulative staff days. There were more than 2,600 water quality samples collected on the Susquehanna River by DEP staff in 2013. Samples are being studied and analyzed by DEP's Bureau of Laboratories, the U.S. Geological Survey and Central Michigan University.

DEP continues to work in partnership with the Pennsylvania Fish and Boat and the Susquehanna River Basin commissions on portions of the study.

DEP staff is currently examining the samples collected in 2013 before the start of the 2014 sampling season. This summer marks the third year of the study, and a sampling plan is being developed in advance of the summer sampling

season. Sampling efforts on the Susquehanna River will remain ample until DEP has collected enough data to draw conclusions about the overall health of the river and what, if any, action is needed.

DEP worked with Commonwealth Media Services to produce the video. It is the second in a new series of educational videos DEP is developing as part of its Public Participation and Education Initiative launched last fall.

The video is available on DEP's YouTube channel at www.youtube.com/pennsylvaniadep.

For more information visit the DEP website and click the "Susquehanna River Study Update" button.

Meeting Between PA Coal Alliance and Marcellus Shale Coalition

A meeting was held Jan. 31, 2013 at DEP's Cambria field office between members of the Marcellus Shale Coalition (MSC) and the PA Coal Alliance (PCA). The purpose of the meeting was to facilitate a discussion on coordinating the drilling of unconventional gas wells through workable coal seams. The Coal and Gas Coordination Act, which requires gas wells to be spaced 1000 feet from all other wells, was amended in 2010 to accommodate multi-well pad development, but certain spacing requirements remain. However, deep gas wells subject to the Oil and Gas Conservation Law are not required to comply with the well spacing requirements of the Coordination Act. As such, some gas well drillers elect to drill their wells in a manner that subjects them to the Conservation Law to avoid spacing requirements. The coal alliance requested DEP's presence at this meeting, which was intended to better coordinate well drilling and coal mining. The meeting was well-attended, and frank discussion brought clarity to the issue. Both MSC and PCA agreed to meet again without DEP to further discuss the issue and develop a proposed solution that will be provided to DEP. The meeting date has not yet been communicated to DEP.

Draft Revised Policy on Public Participation in the Permit Review Process (PPP)

DEP continues to work to finalize the PPP Policy, which was revised in response to the development of the Permit Review Process (PRP) and Permit Decision Guarantee (PDG). DEP hosted a webinar on the revisions on Jul. 15, 2013, and the draft revised policy was published in the Pa Bulletin on July 22, 2013 for a 30-day public comment period. The comment period was extended on Aug. 3, 2013 and ended Aug. 27, 2013. There were 1,803 commentators. The comment-response document has been developed, grouping the comments in 126 total comments; necessary revisions have also been made to the draft policy. The Policy Office is briefing Secretary Abruzzo on the draft policy and comment-response document on Friday, Feb. 7, 2014. DEP hopes to publish the policy as final in Pa Bulletin in February 2014. Shortly after publication, DEP will host another webinar for stakeholders and the public to explain changes to the policy and entertain any questions.

Water Management

Nutrient Trading

The Bureau of Point and Non-Point Source Management continues to implement the Nutrient Trading Program as designed in the regulations found at 25 Pa. Code, Chapter 96 relating to Water Quality Standards Implementation. The 2013 Compliance Year ended September 30, 2012, and the subsequent 60 day true-up period has ended. In this true-up period all wastewater treatment systems in the Chesapeake Bay watershed had to demonstrate compliance with the nutrient cap loads in their NPDES permit; either through treatment, the buying of nutrient credits or a combination of the two. Table 1 below is a summary of the cumulative total of credits certified since the program began and the number of verified and registered credits generated for the 2013 compliance year. Of interest is the significant increase in the number of verified and registered nitrogen credits from nonpoint source agricultural best management practices. This is due, in large part, to the inter-basin initiative of Chambersburg Borough where they worked with the Fulton and Cumberland County Conservation Districts to install cover crops on farms in the Susquehanna and Potomac River basin to generate the necessary nutrient credits they needed to offset their nutrient discharge load while the necessary upgrades to the treatment plant are constructed. Also of interest are the nutrient credits generated from Energyworks, the poultry manure gasification to energy plant constructed near Gettysburg that became operational late last summer.

Table 1. Summary of Credit Transactions for 2013

Activity	Certified		Verified		Registered as Sold	
	TN	TP	TN	TP	TN	TP
WWTFs with Concentration Credits below 6 mg/L TN or 0.8 mg/L TP			195,168	21,841	142,209	16,881
WWTF Capacity Credits	1,791,932	166,665	1,490,819	94,259	380,757	57,398
Nonpoint Source Ag BMP	299,665	253	187,818	0	106,653	0
Nonpoint Source Manure Hauling	1,402,970	188,484	318,833	37,848	143,344	27,337
NPS Treatment w/Permit	1,720,454	59,315	31,366	0	30,000	0
TOTALS	5,215,021	414,717	2,028,836	132,107	802,963	84,735
TOTAL TRADES					72	

Chesapeake Bay Program

The Chesapeake Bay Program state and federal partnership expects to release a draft of a new Chesapeake Bay Agreement on January 29, 2014, for a 45 day public comment period. EPA will assist the Program Partnership in the collection of comments. Additional information will be made available at <http://www.chesapeakebay.net>.

Draft Proposed Rulemaking – Revised Total Coliform Rule (RTCR)

The Bureau of Safe Drinking Water will be moving forward with proposed rulemaking in 2014 to incorporate new federal requirements and clarify other sections within Chapter 109, Safe Drinking Water. The RTCR is intended to increase public health protection through the reduction of potential pathways of entry for pathogens, such as bacteria, viruses and protozoa, into the distribution system. Sources of pathogens can include the soil and water surrounding pipes, biofilms, corrosion tubercles, customer connections, materials used in the distribution system, and sediments that accumulate within the distribution system. Pathways through which pathogens can enter the distribution system include finished water storage facility deficiencies, unprotected cross connections, intrusion and improper main installation, repair or replacement.

BWEW-GP-8, Temporary Crossings Permit

The Bureau of Waterways Engineering and Wetlands published in the *Pennsylvania Bulletin* on Nov. 2, 2013, notice of availability for public comment regarding the proposed Chapter 105 general permit, BWEW-GP-8. The proposed permit will modify BWEW-GP-8 (Temporary Road Crossings) and reissue it as BWEW-GP-8 (Temporary Crossings and Environmental Testing or Monitoring Activities). The permit allows the construction, operation, maintenance and removal of temporary crossings across regulated waters of the commonwealth, including wetlands. The majority of Chapter 105 general permits have not been materially revised since 1996 and the revisions to BWEW-GP-8 represent the opportunity to reorganize and establish a better organized and more concise general permit. This opportunity resulted in several changes to the general permit layout and to the contents of the general permit itself. The organizational changes include the following: standardized definitions for consistency and future revisions; established independent set of instructions, forms, examples, and sample drawings; consolidated coordination and notification section; and cross-referenced terms and conditions. Additionally, the scope of BWEW-GP-8 has been expanded to include the following other temporary activities: expansion of the scope to temporary crossings which includes temporary service lines in addition to road crossings; and the inclusion of environmental testing or monitoring activities, including seismic testing lines, that are temporary in nature and are not specific to waiver provisions contained in 25 Pa Code §105.446(a). External webinars were held on Dec. 20, 2013, and Jan. 7, 2014. The webinars are available on the DEP website at: www.dep.state.pa.us.

select Public Participation Center, Be Informed, Webinars, Water Management, Proposed Modification and Reissuance of General Permit BWEW-GP-8. Interested persons were to submit written comments, suggestions or objections to RA-GP8Comments@pa.gov by Jan. 10, 2013.

PAG-04 NPDES General Permit

The Bureau of Point and Non-point Source Management published notice of availability for public comment a draft of the National Pollutant Discharge Elimination System (NPDES) General Permit for Discharges from Small Flow Treatment Facilities (PAG-04) in the Pennsylvania Bulletin on Jan. 4, 2014. The PAG-04 General Permit is intended to provide NPDES permit coverage to small flow treatment facilities (SFTFs), including Single Residence Sewage Treatment Plants (SRSTPs), with discharges to waters of the commonwealth. The existing PAG-04 General Permit is scheduled to expire on Feb. 4, 2014, but will be extended. DEP is proposing to reissue a final PAG-04 General Permit on or before the expiration date of the administratively extended permit. The draft PAG-04 General Permit includes updated language to conform to DEP's 25 Pa. Code Chapter 92a regulations as published on Oct. 9, 2010. Permittees with PAG-04 General Permit coverage must submit Annual Maintenance Reports (AMRs) to DEP electronically if required by DEP in writing. The proposed Notice of Intent (NOI) fee for coverage to apply under this General Permit is \$100 for SFTFs that are not SRSTPs. There is no NOI fee for SRSTPs. DEP will accept comments on the proposed PAG-04 until Feb. 3, 2014.

Waste Management

Municipal and Residual Waste Regulation Revisions

The proposed Regulated Medical and Chemotherapeutic Waste rulemaking was published in the *Pennsylvania Bulletin* on Aug. 24, 2013, and the 30-day public comment period ended on Sept. 23, 2013. During the official public comment period, the EQB received comments from five commentators. DEP representatives met with Independent Regulatory Review Commission (IRRC) on Oct. 9, 2013 to discuss the IRRC's questions on the rulemaking prior to submitting their formal comments, which were due to the EQB by Oct. 23, 2013. The Bureau of Waste Management (BWM) is currently reviewing all comments received, preparing the comment/response document and amending the proposed rulemaking where necessary. *BWM will present a summary of the comments received on the proposed rulemaking at the next meeting of the Solid Waste Advisory Committee (SWAC), currently scheduled for March 6, 2014.*

General Permits

The following residual waste GPs were modified by the Bureau of Waste Management (BWM):

- General Permit Number WMGR081 (Processing and beneficial use of electronic equipment and components by sorting, disassembling or mechanical processing) – BWM published notice of a six-month administrative extension of the permit term in the *Pennsylvania Bulletin* on Oct. 26, 2013. The new expiration date for the permit is Apr. 21, 2014. The comment/response document is being drafted and the permit is being amended where necessary.
- General Permit Number WMGR097 (Research & development of the beneficial uses of residual and municipal wastes) – The permit was published as final in the *Pennsylvania Bulletin* and issued on Nov. 23, 2013. *After publication, an inconsistency in the recordkeeping requirements was noted. BWM therefore revised the record retention requirements for consistency throughout the permit. The corrected permit will be published on Feb. 1 and effective on Mar. 1, 2014.*

Radiation Protection

Comprehensive Oil and Gas Development Radiation (TENORM) Study

The Technologically Enhanced Naturally Occurring Radioactive Materials (TENORM) study has been ongoing with field activities including sample collection, radiation surveys, and data analysis since mid-April 2013. As of the end of Dec. 2013, the three rounds of sampling at the 25 Waste Water Treatment Plants have been completed. With respect to landfills, 39 are being sampled for leachate to determine if TENORM disposal is increasing the radioactivity in the landfills, and 9 landfills have been more extensively sampled and surveyed. Four natural gas underground storage formations have been sampled for Radon-222 during the injection of the natural gas into these storage fields. Subsequent natural gas samples will be taken as the gas is withdrawn from the geologic storage formations for customer use. This sampling is currently being planned for Jan. 2014. Finally, 14 well pads have been extensively sampled and surveyed for

radiological analysis and contamination during the four phases of well development, which include vertical drilling, horizontal drilling, fracturing and flowback. Thirteen different roadways have now been sampled and surveyed where brine has been applied from conventional drilling operations. Well casings have been surveyed from a decommissioned well site for any possible radiological contamination. Still pending is additional work at well production sites, a large gas processing plant, compressor stations, four or five more leachate collections at landfills, and the following of sludge loads from waste water treatment plants to landfills.

The TENORM work in January was somewhat limited due to two factors: the weather, and Perma-Fix staff preparing for a data review meeting on Jan. 29 at the Bureau of Laboratories. With several thousand test results to review, the Jan. 29 meeting is intended to ascertain if there are any alarming issues that need immediate attention and to determine final work that needs to be completed. Field work in January consisted of sampling at a compressor station in Clinton County, a well pad in Tioga County, and two underground storage sites—one each in Potter and Tioga counties.

An update on the status of the study was presented at the York Rotary Club meeting on Jan. 28, 2104 and at the PA Chamber of Business and Industry quarterly meeting on Jan. 29, 2014.

Environmental Cleanup and Brownfields

Land Recycling Cleanup Standards Regulation Revisions

DEP intends to update the statewide health standard Medium-Specific Concentrations (MSCs) based on new toxicological data published since the last revisions to the MSCs. DEP is required to update the MSCs every three years so the standards include the most current scientific data. DEP's Cleanup Standards Scientific Advisory Board (CSSAB) reviewed the draft regulation revisions at their Oct. 23, 2013, meeting and voted unanimously to endorse the package with comments. DEP's Storage Tank Advisory Committee (STAC) reviewed the draft regulation revisions at their Dec. 3, 2013, meeting and voted unanimously to endorse the package with comments. The proposed revisions to the regulations *are tentatively scheduled for consideration by the Environmental Quality Board in February 2014.*

NEW! Brownfield Development Guide

The Brownfield Development Guide draws on DEP's 18 years of experience in cleaning up more than 4,760 sites and outlines the full spectrum of services and resources available for the often complex steps involved in redeveloping brownfield properties. It seeks to assist a broad audience of private industry, state and local agencies, economic development agencies and redevelopment authorities, local officials, communities, property owners, developers and other stakeholders. DEP fosters and helps to build public-private partnerships, which have proven critical for the timely completion of successful projects. The Brownfield Development Guide can be accessed from the DEP website at: www.dep.state.pa.us, select Environmental Cleanup & Brownfields, under New! Brownfield Development Guide, click on Brownfield Development Guide (PDF).

Air Quality

Climate Change Action Plan Update

Act 70 of 2008 requires the department to submit an update to the Climate Change Action Plan (originally issued Dec. 2009) to the Governor every three years. The Plan must address the following; (1) greenhouse gas emissions and sequestration trends and baselines; (2) cost-effective strategies for reducing or offsetting GHG emissions from various sectors; (3) costs, benefits and co-benefits of GHG reduction strategies including the impact on future energy demand; (4) areas of agreement and disagreement among Climate Change Advisory Committee (CCAC) members concerning the Plan; and (5) recommendations to the General Assembly regarding legislative changes necessary to implement the Plan.

The CCAC met on Dec.5, 2013, to consider the remaining draft work plans. At the meeting, the CCAC endorsed 7 work plans and recommended that four of the work plans be considered for further action in the next reporting cycle. During the Dec. 5th meeting, the department advised the CCAC of the schedule to finalize the Climate Change Action Plan. A conference call was held on Dec. 18 and a meeting was held on Dec. 20 to receive comments on the Action Plan.

On Dec.31, 2013, the department submitted the "Pennsylvania Climate Change Action Plan Update" (Plan) to Governor Corbett as required under the Pennsylvania Climate Change Act (Act 70 of 2008). The Climate Change Advisory Committee (CCAC) advised the department during the development of the updated Plan, which addresses the following:

(1) actions in the commonwealth that have reduced greenhouse gas emissions (GHG); (2) the GHG emissions inventory; (3) recent changes in the electric generation and natural gas sectors; (4) a summary of the work plans for various sectors; (5) a macro-economic analysis of the work plans; and (6) recommendations for action by the General Assembly. The Plan also describes cost-effective strategies that will result in gross GHG emissions in Pennsylvania being further reduced by 2020. These reductions will occur primarily in the agriculture, commercial, residential, transportation and waste sectors.

The updated Plan has also been distributed to the General Assembly and posted on the DEP website at: www.dep.state.pa.us, select Public Participation Center, Advisory Committees, Climate Change Advisory Committee, Draft Climate Change Action Plan.

PM 2.5 Designation Recommendations

On Nov. 2, 2013, the department published a notice concerning an opportunity for public review and comment on the draft attainment designation recommendations for the 2012 annual PM 2.5 National Ambient Air Quality Standard (NAAQS). The EPA revised the NAAQS in Dec. 2012, setting a new annual standard of 12 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). As required by Section 107(d)(1) of the federal Clean Air Act, Pennsylvania's recommendations for designations of areas of the commonwealth as attainment, nonattainment or unclassifiable/attainment areas are due to EPA by Dec. 13, 2013. The proposed designation recommendations are based primarily on air quality ambient monitoring (2010-2012), as well as emissions data, meteorology, geography/topography and jurisdictional boundaries. DEP's final PM 2.5 designation recommendations were submitted to EPA on Dec. 10, 2013. The department recommended that EPA designate as "nonattainment" areas the Greater Philadelphia Area (Chester, Delaware and Philadelphia counties), Northampton County, Lancaster County, Cambria County, the Greater Pittsburgh Area (Allegheny and Westmoreland counties) and a partial county nonattainment designation for the Liberty/Clairton Area. All other areas were recommended to be designated as "attainment" (monitored areas achieving the 2012 standard) or "unclassifiable/attainment" areas. *EPA is expected to promulgate final designations in Dec. 2014.*

Proposed New Source Performance Standards to Reduce Carbon Pollution from Electric Generating Units

On January 8, 2014, the U.S. Environmental Protection Agency (EPA) published Standards of Performance for Greenhouse Gas Emissions from New Stationary Sources: Electric Utility Generating Units (79 FR 1430). EPA proposes to establish standards of performance for new fossil fuel-fired electric utility steam generating units (utility boilers and Integrated Gasification Combined Cycle Units) and natural gas-fired stationary combustion turbines. The proposed rulemaking includes carbon dioxide emission standards, compliance schedules, notification, recordkeeping and reporting requirements. The proposed rule would not establish standards for other greenhouse gases. Additionally, EPA's proposal addresses permitting fees under Title V of the Clean Air Act, and Mandatory Greenhouse Gas Reporting requirements. A public hearing on the proposed standards will be held in Washington, DC on February 6, 2014. Comments on the proposed rule are due to EPA by March 10, 2014.

Section 111(d) Listening Sessions and Public Comment

The EPA was directed to address carbon pollution from existing power plants under Section 111(d) of the federal Clean Air Act. The department decided to convene two "listening sessions" to receive input from the public prior to discussions with EPA. On Dec. 9 and 16, 2013, the department held listening sessions to collect information to be used in discussions with EPA in the event they move forward with a proposal for existing power plants. Attendees included environmental and industrial organizations, unions, individual electrical generating companies and the general public. The Dec. 9 meeting was held with the environmental and local government organizations and the Dec. 16 meeting with industry-related organizations. Attendees at both meetings were appreciative of the opportunity to provide input to the department. The public was invited to submit written information to the DEP; Krishnan Ramamurthy is the main contact. The department will consider the comments prior to submitting recommended principles to EPA for consideration in the event federal emissions guidelines for existing power plants are proposed. *By June 2014, EPA intends to issue a proposed rule to reduce carbon pollution from the existing electric generating units.*

Pennsylvania Joins Petition Requesting Expansion of the Ozone Transport Region

On December 9, 2013, eight Northeast and mid-Atlantic states submitted to EPA a petition, filed under Clean Air Act (CAA) section 176A, requesting that the agency add nine upwind states to the Ozone Transport Region (OTR) established under section 184 of the CAA Amendments of 1990. The eight petitioning states (all of which are members of the OTR) are Connecticut, Delaware, Maryland, Massachusetts, New Hampshire, New York, Rhode Island and Vermont.

Pennsylvania signed the petition on Dec.10. The petitioners have requested that the OTR be expanded to include the States of Illinois, Indiana, Kentucky, Michigan, North Carolina, Ohio, Tennessee, Virginia and West Virginia. EPA is required to respond to petitions filed under CAA section 176A within 18 months.

The petitioning states are not requesting that they be relieved of any of their OTR responsibilities. Instead, they are asking EPA to hold the upwind states accountable and to impose the OTR requirements on them as well. Additional requirements in the upwind states would include implementation of stationary source Reasonably Available Control Technology, increased preconstruction permit application reviews under the New Source Review program and implementation of motor vehicle Inspection and Maintenance programs.

Air Quality Regulatory Packages

Fiberglass Boat Manufacturing - At its Dec. 12 meeting, the Air Quality Technical Advisory Committee (AQTAC) unanimously concurred with DEP's recommendation to move the draft proposed rulemaking for fiberglass boat manufacturing materials to the Environmental Quality Board (EQB) for consideration. Several AQTAC members asked questions or offered suggestions for the rule, but the discussion was not controversial.

Flexible Package Printing and Offset Lithographic and Letterpress Printing - AQTAC expressed appreciation to DEP for including a discussion of changes made after AQTAC's review of the final-form rulemaking for flexible package printing and offset lithographic and letterpress printing. Some members of the committee were concerned with the number of changes and DEP's consideration of comments from stakeholders outside the formal comment period. DEP explained that the changes made were within the scope of the rulemaking and furthered DEP's goal of the best possible regulation. *During a teleconference with the CAC's Policy and Regulatory Oversight Committee on Jan. 8, 2014, DEP provided an update on the changes made to the final-form rulemaking. The Committee will recommend that the CAC support EQB consideration of the final rulemaking. The same information was scheduled to be presented to the Small Business Compliance Advisory Committee on Jan. 22, 2014; however, the meeting was cancelled. The final-form rulemaking is scheduled for consideration by the EQB at its Feb. 18, 2014 meeting and must be delivered to the Independent Regulatory Review Committee (IRRC) and the PA House and Senate Environmental Resources & Energy Committees by Apr. 16, 2014, in order to continue the regulatory review process. The regulation will be deemed withdrawn if it is not delivered to IRRC and the Standing Committees within two years following the close of public comment period.*

Energy Initiatives

Natural Gas Vehicles

The 2nd round of the Natural Gas Energy Development Program (Act 13) *application deadline was Jan. 10, 2014.* The Natural Gas Energy Development Program (Act 13) is offering an estimated \$11 M to help pay for the incremental purchase and conversion of compressed natural gas (CNG), liquefied natural gas (LNG) and bi-fuel vehicles weighing 14,000 pounds or more. Those eligible to apply for the grants include local transportation organizations, incorporated non-profit entities, for-profit companies, state owned or state related universities, commonwealth or municipal authorities, and the Pennsylvania Turnpike Commission.

This round of funding for Fiscal Year 2013-14, Act 13 stipulates that 50% of the available funds be allocated exclusively for local transportation organizations, including non-profit agencies providing public transportation services and public transportation, port and redevelopment authorities, as well as school bus projects. In accordance with Act 13, this is the last round for which an exclusive allocation for local transportation organizations will be made. Applicants interested in purchasing or converting one or two heavy-duty alternative fuel vehicles are encouraged to partner with other eligible applicants to aggregate their vehicles into a single application to satisfy the 5 vehicle minimum. Grant requests can be no more than 50% of the incremental purchase or retrofit cost per vehicle, with a maximum total of \$25,000 per vehicle. *Thirty-seven (37) applications have been received in the egrants system. Grant announcements are anticipated in the Spring of 2014.*

Alternative Fuel Vehicle Rebate Program (AFIG)

As of Dec. 31, 2013, *the alternative fuel vehicle rebate program began offering rebates for EVs and PHEVs at \$2,000.* This new commitment of 500 rebates at \$2,000 results in another \$1 million commitment in support of AFV purchased and registered by PA residents. *The new grant round is anticipated to be announced in conjunction with the NGV grant announcements in the Spring of 2014.*

PA Sunshine Program

The PA Sunshine program has closed and staff *has processed* the final applications for payment. It is expected that the final payment *should be disbursed* by the end of Jan. Since May of 2009, the department has awarded nearly \$113 million to help fund the deployment of Solar Photovoltaic and Solar Hot Water Systems throughout Pennsylvania. Approximately 85% of all systems funded were solar photovoltaic systems, resulting in distributed renewable energy generation capacity of nearly 100 MW incentivized by the program has totaled. Through the information installers have provided, the department has estimated that the systems deployed have resulted in nearly \$500 million of economic activity. This mix of private funds with the PA Sunshine rebate incentive was used to design systems, purchase equipment, as well as install and interconnect solar energy systems across the state Pennsylvania. In 2008, Pennsylvania had less than 3 MW of solar installed. Pennsylvania is now ending 2013 with approximately 200 MW of solar installed in PA with an estimated 100 MW of that total a direct result of the small residential and small commercial systems installed utilizing the PA Sunshine Program incentive.

Promoting Energy Efficient Buildings

Keystone Home Energy Loan Program (HELP) and Geothermal Loan Program: DEP-supported Keystone HELP program has provided a total of 5484 consumer loans valued at \$47,832,183.76 to PA home-owners resulting in annual energy savings of 20,352,076.14 kwhs of electricity; 134,195,705.62 kBTU reduction in heating fuel consumption; and 21,837,129.05 lbs. reduction in CO2e emissions through installed residential energy conservation and efficiency measures since the American Recovery and Reinvestment Act (ARRA) inception. The Geothermal Loan Program funded 516 of those loans, totaling \$7,041,213.17. In addition, there have been 388 PHFA Renovate and Repair loans totaling \$8,325,881.50. The program expects to run out of funding in approximately one year. DEP and the PA Treasury are currently considering options for continuation of funding for the Program.

Promoting an Energy Efficient Work Force

Our first session of a new round of Building Retuning (BRT) trainings in southeast PA will begin on February 13, 2014. We have the committed participation of the following local governments: Malvern Borough, Middletown Township, and Millbourne Borough in Delaware County. PennTAP will continue to serve as our instructors for this training. The first session will consist of a four-hour classroom-based training, followed by a walk-down of the Middletown Township Municipal Center. Over the course of the next two months, a walk-down will be conducted at each of the other two participating local government buildings.

Another round of BRT will be scheduled for City of Philadelphia facility managers before the end of the fiscal year. Staff from city health centers, police/fire stations, recreation centers & possibly libraries will be included in this training.

Since all of our Building Operator Certification (BOC) and BRT trainings have been located in southeast PA thus far, we plan to bring these trainings to the south central (Harrisburg) and southwest (Pittsburgh) areas of the state. By June 30, 2015, we plan to deliver BOC training to 40 government and K-12 school facility managers, as well as at least 3 BRT trainings to the same target sectors.

Energy Efficient Building Codes Training

Pennsylvania's acceptance of \$99.6 million dollars from the American Recovery and Reinvestment Act carries with it a number of obligations regarding enforcement of the 2009 International Energy Conservation Codes across the state. Specifically, we have provided assurance to the U.S. Department of Energy that we will develop and implement a program that will measure and ensure that we have achieved 90% statewide compliance with the codes by 2017. While this initiative is expected to be carried out over several years, this 3rd year budget will continue to leverage the initial budget covering program development, statewide benchmarking of current compliance status, education workshops targeted to local government policy makers, and supplemental energy code compliance training for design professionals, contractors and code officials.

A Letter of Understanding between DEP and Pennsylvania Department of Community and Economic Development was executed so that the contractor, the Pennsylvania State Association of Township Supervisors (PSATS), can commence work. The codes training work plan includes developing and offering a new online commercial IECC training, a hands-

on commercial IECC plan review and inspection program, webinars on focused issues of critical details for a code official audience, six training programs in various locations across the commonwealth, and home builder training sessions throughout the Commonwealth with a goal of training 150 persons. The codes trainings are expected to commence late February 2014.

Oil and Gas

DEP Launches New Oil and Gas GIS Map

On Dec. 19, 2013 DEP announced the release of a new online Oil and Gas Well Mapping Tool that provides convenient access to well data across Pennsylvania. This tool serves as a one-stop-shop in terms of public information about permitted wells on a graphical platform. This is the first step in a process to link all associated information regarding individual oil and gas wells such as well records, completion reports, and well plat information in a user-friendly GIS format. This tool is available to the public on the DEP website at www.dep.state.pa.us, select Tools or Oil and Gas, then Oil and Gas Reports.

Oil and Gas Workload Report

Please see Attachment 2.

Active and Abandoned Mine Operations

ABS BF Discharge Treatment

Progress is being made in systematically approaching the problem, with designs underway for many of the treatment facilities. Operation and maintenance continues for the facilities that are in place. Progress reports are being provided to the Office of Surface Mining to assist them in their oversight of the project. Act 157 of 2012 provides for additional funding sources to pay for the required operation and maintenance of the treatment facilities. The structural elements regarding site and operator eligibility regarding funding through Act 157 are being developed via a collaborative process with the Mining and Reclamation Advisory Board (MRAB). Approval to initiate the rulemaking process was received in April 2013. An initial draft of regulations has been prepared to review with the MRAB. A series of meetings with the Regulation, Legislative and Technical committee of the MRAB have been held. The proposed rule was reviewed by the MRAB on Oct. 24, 2013. The MRAB recommended that the department proceed to the EQB with the rulemaking package. The rulemaking package has been assembled and is in the process of internal routing.

Coal Mining Program Rulemaking

Preliminary drafting is underway for rulemaking packages relating to surface coal mining water supply replacement, remining and water quality, and general coal mining program improvements. Interaction with the Mining Reclamation Advisory Board (MRAB), Regulation, Legislative and Technical Committee is *scheduled for February 2014*. Preliminary discussions have been held with the MRAB relating to the remining and program improvement regulation packages. The water supply replacement rulemaking will be deferred until the remining and program improvement packages are completed due to priorities identified by the MRAB.

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. *Industry outreach has been scheduled for the last week of February.*

Guidance Document Revisions

As a result of the implementation of the Permit Decision Guarantee a few Technical Guidance Documents need to be updated. For example, Pre-applications have taken on a more prominent role under the PDG. Therefore, the mining program's guidance, Coal Surface Mining Activity Permit Pre-application Review (563-2112-214), requires substantial revision. The Bureau of Mining Programs is systematically reviewing the library of Technical Guidance Documents to identify all of the documents which require changes.

Community Environmental Project Policy

The Community Environmental Project (CEP) policy provides guidance on the process department staff will follow for considering a CEP, which allows a portion of the amount of a civil penalty that would be part of a settlement with DEP to be used by a person or regulated entity to conduct an environmental project. The proposed revisions to the document would update the current version, drafted in 1999. The 30-day public comment period was announced in the Pennsylvania Bulletin on Oct. 26 and ended on Nov. 25, 2013. A comment response document is currently being prepared and the final policy is anticipated to be issued the first quarter of 2014. The draft policy is available for viewing at: www.dep.state.pa.us , select Tools, eLibrary and in the Search/Keyword enter: Community Environmental Project.

Environmental Education

Environmental Education Grants Program

DEP awards grants to colleges and universities, K-12 schools *and school districts*, county conservation districts, *municipalities and municipal authorities*, businesses and *incorporated* NGOs to do professional development, curriculum *revision and* integration, *outdoor learning resources*, *environmental literacy planning and programming*, hands-on lessons as well as covering materials and transportation costs associated with watershed, energy, air, sustainability and other topics. For the 2013 grant round, awards were made to 92 organizations for \$329,000.

The 2014 grant round opened *on Nov. 4, 2013*. Applications were due to DEP by Jan. 6, 2014. *DEP received a total of 173 Environmental Education (EE) grant applications for the 2014 grant round totaling \$472,800. Grants will be awarded on or around Earth Day in April (Apr. 22nd). Awarded projects will begin on July 1, 2014 and must be completed by June 30, 2015.*

Keystone Energy Education Program (KEEP)

As a component of the department's Energy Education Report for the State Energy Plan, a vendor, Gove Group, in cooperation with DEP's Energy Office and Environmental Education staff have developed an energy education workshop series. Twelve workshops were scheduled, two in each DEP region. Six workshops have been conducted to date. Six more will take place in the spring of 2014. For each workshop, school teams consisting of teachers, administrators and facilities managers work together to enhance curriculum and learn how to implement benchmarking through Energy Star Portfolio Manager. Dates for the workshops are available in Attachment 1.

Attachment 1

2014 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 "Get Informed!" and "Calendar of Events."

February	
Feb. 4	Environmental Justice Advisory Board: 8:30 am, 16 th Floor Delaware Room, RCSOB
Feb. 10	<i>EQB Oil & Gas Public Hearing on Chapter 78, Subchapter C: 6:00 pm, Troy High School, Troy</i>
Feb. 11	Climate Change Advisory Committee: 10 am, Room 105, RCSOB
Feb. 12	State Board for Certification of Water and Wastewater Systems Operators: 10 am, 10 th Floor Conference Room, RCSOB
Feb. 12	<i>EQB Oil & Gas Public Hearing on Chapter 78, Subchapter C: 6:00 pm, Warren County Courthouse, Warren</i>
Feb. 13	Northwest Regional Roundtable: 10 am, Northwest Regional Office, Meadville
Feb. 18	Environmental Quality Board: 9 am, Room 105, RCSOB
Feb. 18	Citizens Advisory Council: 11 am, Room 105, RCSOB
Feb. 20	Air Quality Technical Advisory Committee: 9:15 am, Room 105, RCSOB
Feb. 24	KEEP Workshop (Southwest Region): Winnie Palmer Nature Reserve, St. Vincent College, Latrobe
Feb. 26	Agricultural Advisory Board Committee: 10 am, South-central Regional Office, Harrisburg
March	
March 4	Storage Tank Advisory Committee: 10 am, 14 th Floor Conference Room, RCSOB
March 5	KEEP Workshop (Northeast Region): Wilkes University, Wilkes-Barre
March 5	Sewage Advisory Committee: 10:30 am, Room 105, RCSOB
March 6	Solid Waste Advisory Committee: 10 am, Room 105, RCSOB
March 6	Radiation Protection Advisory Committee: 9 am, 12 th Floor Conference Room, RCSOB
March 6	KEEP Workshop (North-central Region): Penn State University, State College
March 11	Board of Coal Mine Safety: 10 am, DEP Cambria District Mining Office, Ebensburg
March 17	South-central Regional Roundtable: 10 am, South-central Regional Office, Susquehanna Room A, Harrisburg
March 18	Environmental Quality Board: 9 am, Room 105, RCSOB
March 18	Citizens Advisory Council: 11 am, Room 105, RCSOB
March 19	Water Resources Advisory Committee: 9:30 am, Room 105, RCSOB
March 19	State Board for Certification of Sewage Enforcement Operators: 10 am, 11 th Floor Conference Room B, RCSOB
March 19	Cleanup Standards Scientific Advisory Board: 9 am, 14 th Floor Conference Room, RCSOB
March 19	KEEP Workshop (Northwest Region): Asbury Woods Nature Center, Erie
March 20	KEEP Workshop (South-central Region): Juniata College, Huntingdon
March 25	KEEP Workshop (Southeast Region): Montgomery County Intermediate Unit, Norristown
March 27	Oil and Gas Technical Advisory Board: 10 am, Room 105, RCSOB
April	
April 3	Air Quality Technical Advisory Committee: 9:15 am, Room 105, RCSOB
April 8	Climate Change Advisory Committee: 10 am, Room 105, RCSOB
April 9	Small Water Systems Technical Assistance Center Board: 10 am, Room 105, RCSOB
April 9	Technical Advisory Committee on Diesel-Powered Equipment: 10 am, Fayette County Health Center, Uniontown

April 10	Northwest Regional Roundtable: 10 am, location TBA
April 15	Environmental Quality Board: 9 am, Room 105, RCSOB
April 15	Citizens Advisory Council: 11 am, Room 105, RCSOB
April 16	Agricultural Advisory Board Committee: 10 am, South-central Regional Office, Harrisburg
April 16	State Board for Certification of Water and Wastewater Systems Operators: 10 am, 10 th Floor Conference Room, RCSOB
April 17	Southwest Regional Roundtable: 10:30 am, Southwest Regional Office, Waterfront A&B, Pittsburgh
April 23	Small Business Compliance Advisory Committee: 10 am, 12 th Floor Conference Room, RCSOB
April 24	Radiation Protection Advisory Committee: 9 am, 12 th Floor Conference Room, RCSOB
April 24	Mining and Reclamation Advisory Board: 10 am, Room 105, RCSOB
May	
May 14	Water Resources Advisory Committee: 9:30 am, Room 105, RCSOB
May 21	Environmental Quality Board: 9 am, Room 105, RCSOB
May 21	Citizens Advisory Council: 11 am, Room 105, RCSOB
June	
June 3	Storage Tank Advisory Committee: 10 am, 14 th Floor Conference Room, RCSOB
June 4	Coastal Zone Advisory Committee Meeting: 9:30 am, 10 th Floor Conference Room, RCSOB
June 5	Solid Waste Advisory Committee: 10 am, Room 105, RCSOB
June 10	Board of Coal Mine Safety: 10 am, DEP Cambria District Mining Office, Ebensburg
June 12	Air Quality Technical Advisory Committee: 9:15 am, Room 105, RCSOB
June 12	Northwest Regional Roundtable: 10 am, location TBA
June 16	South-central Regional Roundtable: 10 am, South-central Regional Office, Susquehanna A, Harrisburg
June 17	Environmental Quality Board: 9 am, Room 105, RCSOB
June 17	Citizens Advisory Council: 11 am, Room 105, RCSOB
June 18	Agricultural Advisory Board Committee: 10 am, South-central Regional Office, Harrisburg
June 18	Small Water Systems Technical Assistance Center Board: 10 am, Room 105, RCSOB
June 18	State Board for Certification of Water and Wastewater Systems Operators: 10 am, 10 th Floor Conference Room, RCSOB
June 24	Climate Change Advisory Committee: 10 am, Rm. 105, RCSOB
June 25	State Board for Certification of Sewage Enforcement Operators: 10 am, 11 th Floor Conference Room B, RCSOB
June 26	Oil and Gas Technical Advisory Board: 10 am, Room 105, RCSOB
July	
July 9	Sewage Advisory Committee: 10:30 am, Room 105, RCSOB
July 9	Technical Advisory Committee on Diesel-Powered Equipment: 10 am, Fayette County Health Center, Uniontown
July 15	Environmental Quality Board: 9 am, Room 105, RCSOB
July 15	Citizens Advisory Council: 11 am, Room 105, RCSOB
July 16	Water Resources Advisory Committee: 9:30 am, Room 105, RCSOB
July 23	Small Business Compliance Advisory Committee: 10 am, 12 th Floor Conference Room, RCSOB

Attachment 2

Oil and Gas Workload Report – Ending 1/17/2014

YTD WELL PERMIT APPLICATIONS - 1/1/2014 to 1/17/2014						
	RECEIVED	UNDER REVIEW	PROCESSED	PERMITS ISSUED	WELLS PERMITTED	OTHER DISPOSITIONS
CONVENTIONAL	4	4	102	102	102	0
UNCONVENTIONAL	84	78	172	168	168	4
Sub Total	88	82	274	270	270	4

AUTHORIZATIONS	26	16	36	28	N/A	8
Total	114	98	310	298	295	12

WEEKLY WELL PERMIT APPLICATIONS - 1/11/2014 to 1/17/2014						
	RECEIVED	UNDER REVIEW	PROCESSED	PERMITS ISSUED	WELLS PERMITTED	OTHER DISPOSITIONS
CONVENTIONAL	0	0	21	21	21	0
UNCONVENTIONAL	1	0	80	76	76	4
Sub Total	1	0	101	97	97	4

AUTHORIZATIONS	0	0	24	24	N/A	0
Total	1	0	125	121	118	4

HISTORICAL WELL PERMIT APPLICATIONS AS OF 1/17/2014						
	RECEIVED	PROCESSED	PERMITS ISSUED	WELLS PERMITTED	OTHER DISPOSITIONS	ACTIVE PERMITS
CONVENTIONAL	195,666	195,552	194,351	188,548	1,201	108,278
UNCONVENTIONAL	16,166	15,923	15,564	13,557	359	10,164
Sub Total	211,832	211,475	209,915	202,105	1,560	118,442

AUTHORIZATIONS	40,245	40,137	39,928	N/A	209	18,618
Total	252,077	251,612	249,843	241,781	1,769	137,060

YTD INSPECTIONS - 1/1/2014 to 1/17/2014				
	INSPECTIONS	FACILITIES INSPECTED	VIOLATIONS	ENFORCEMENTS
CONVENTIONAL	384	344	38	14
UNCONVENTIONAL	351	323	28	10
CLIENT/SITE	71	0	22	8
Total	806	667	88	32

WEEKLY INSPECTIONS - 1/11/2014 to 1/17/2014				
	INSPECTIONS	FACILITIES INSPECTED	VIOLATIONS	ENFORCEMENTS
CONVENTIONAL	111	103	16	6
UNCONVENTIONAL	130	126	17	9
CLIENT/SITE	29	0	14	5
Total	270	229	47	20

WELLS DRILLED					
	Two Years Prior 1/1/2012 to 1/17/2012	One Year Prior 1/1/2013 to 1/17/2013	Year To Date 1/1/2014 to 1/17/2014	Week of 1/11/2014 to 1/17/2014	As of 1/17/2014
CONVENTIONAL	55	28	30	14	195,406
UNCONVENTIONAL	81	76	76	27	7,523
Total	136	104	106	41	202,929

This report has been prepared by Laura Henry, Executive Policy Specialist, DEP Policy Office. For questions or requests, please email lahenry@pa.gov or call 717-705-3769.