

I. Pending Issues

Water Management

Water Quality Standards Triennial Review

Once every three years, the Department is required by the Federal Clean Water Act to review and amend as necessary its water quality standards. This process is known as the Triennial Review. The Department has conducted the review and identified needed additions, corrections, and updates to the water quality regulations. A number of new chemical parameter limits are proposed. The current Triennial Review is due as final to EPA by May 15, 2013. To accomplish that, the triennial must be presented for proposed rulemaking to the EQB in March of 2012. A special web based meeting is scheduled with WRAC in December to brief them on the final contents of the proposed Triennial. At the regularly scheduled WRAC meeting in January 2012, they will vote to accept or reject the Triennial as presented.

Act 167 Stormwater Management Planning:

Twenty-two county-wide stormwater management planning projects have been approved. County-wide plans together with watershed plans now cover 1,531 municipalities. Work is continuing on approximately eight more county-wide plans plus approximately six watershed plans. Many of the county-wide plans currently in progress will be completed and approved by year-end.

NPDES MS4 Permit (PAG-13):

PAG-13 will be presented to the WRAC on April 13, 2011. PAG-13 should be finalized, approved by EPA, and published within the next few months. Afterward PAG-13's comment/response document, the NPDES MS4 Individual Permit Package, workshops with DEP's regional offices, finalizing materials for municipal workshops, and holding the municipal workshops will follow. December 9, 2011, is the deadline for permittees to submit NOIs for PAG-13 renewals. DEP is continuing its discussions with EPA Region III regarding provisions in PAG-13 particularly in regards to implementation of TMDLs and the implementation of the Chesapeake Bay TMDL.

State Water Plan

Development of Critical Area Resource Plans (CARPs)

CARPs are problem-solving plans on designated Critical Water Planning Areas (CWPA) that provide investigation and detail on water availability under existing and future demand conditions to identify conflicts among users and provide supply-side and demand-side alternatives to resolve those conflicts. Implementation of recommendations is voluntary.

Two "Pilot" CARPs are being prepared for the CWPA designated areas of: 1) Laurel Hill Creek/Back Creek watersheds in Somerset and Fayette Counties being prepared by the Somerset County Conservation District and 2) the Marsh Creek/Rock Creek Watersheds in Adams County being prepared by the Interstate Commission on the Potomac River Basin (ICPRB).

The Laurel Hill/Back Creek plan is now in stage of initial draft of the plan with additional technical assistance being sought by the Conservation District to supplement work currently being prepared by the USGS. The plan is scheduled to be finished by June 2012. A meeting of the State Water Plan's Ohio River Basin Regional Committee that is charged with overseeing the project is scheduled to meet on October 26th.

The Marsh Creek/Rock Creek plan is into its first year with a scheduled completion date of September 2012. The next advisory committee meeting is scheduled for October 12, 2011.

Meeting information for both projects is posted at:

<http://www.pawaterplan.dep.state.pa.us/docs/Publications/News.pdf>

Water Resource Technical Assistance Center (WRTAC)

DEP has contracted with the Susquehanna River Basin Commission (SRBC) to establish the Water Resource Technical Assistance Center. The establishment of the Center is a requirement of Act 220. After a request for proposal (RFP) solicitation, SRBC selected the PA Environmental Council to develop a plan to establish the Center. The WRTAC advisory committee has met several times to review the work of the contractors selected to develop the WRTAC. The contractors include PA Environmental Council and Eastern Research Group (ERG).

The three goals of the project are to establish a leading edge website, develop a comprehensive business plan and legal non profit incorporation including establishment of a board of directors. As of May 2011 the website is complete and non-profit status achieved. The website is www.savewaterpa.org. The advisory group is looking for volunteers to review the website and recommendations on what groups should constitute the board.

PA Environmental Council (PEC) is encouraging everyone to utilize the website in water conservation outreach efforts. In addition PEC wants to use the website as a marketing tool to leverage outside funding from industrial water users, public water suppliers, foundations and other funding partners. In addition to the web site, PEC is evaluating the use of social media as another tool to implement the mission of the Center. Social media (i.e. LinkedIn) may offer the potential for enhanced collaboration among water resource professionals and enhanced technology transfer of water resource technologies. Opportunities, limitations and a strategy for social media use are being explored.

Marcellus O&G Water Management Plan Activities

The Department continues to review and approve water sources for Hydrofracing associated with Marcellus gas well operations through approval of Water Management Plans (WMPs). As of August 2011, a total of 717 sources have been approved including water wells, surface water withdrawals and purchase interconnections from public water suppliers. A display of those locations may be found on the DEP website within a GIS tool "WAVE" at:

http://www.wave.dep.state.pa.us/wave/Index.shtml?custom=4&tgtName=WUDS_WMP_SOURCES_V&tgtID=&toolUsed=StateWidet&map=1&Service=wave_image_swd&warning=false

Or go to <http://www.depweb.state.pa.us> and click on "tools" then "mapping/GIS" then "WAVE tool". Within the tool, click on "Launch WAVE". Once in the application, choose the subject area "Water Withdrawal/Use/Discharge" and then select the subject area layer "Marcellus Gas Well Water Sources".

DEP's Water Use Planning Division and Bureau of Information Technology are continuing in the development of an improved system for the submission of WMP applications that will help streamline the process and improve data quality. Water withdrawal information is submitted to the department by Marcellus operators through the DEP Greenport website.

Chesapeake Bay Program:

Chesapeake Bay TMDL/WIP:

EPA published a Total Maximum Daily Load (TMDL) for the Chesapeake Bay on December 24, 2010, which establishes a 'budget' for nitrogen, phosphorous and sediment loadings. As part of the process, EPA directed states to submit Watershed Implementation Plans (WIPs) intended to demonstrate "Reasonable Assurance" that TMDL objectives would be met. EPA's evaluation of Pennsylvania's Final Phase 1 WIP determined that it contains significant improvements, including strategies to increase compliance with agricultural regulations. EPA felt that the WIP lacked clear strategies to achieve urban stormwater reductions, however. Pennsylvania meets its nutrient and sediment allocations for each basin in the final TMDL. After adjusting for EPA-approved nitrogen and phosphorus exchanges, Pennsylvania's WIP input deck resulted in statewide loads that are 2% over for nitrogen and phosphorus, and 5% under for sediment allocations. EPA and DEP reached agreement on further nonpoint source reductions in order to achieve allocations both statewide and in each basin, as documented in the final TMDL. The further reductions are supported by contingencies included in the WIP and EPA's commitment to track progress and take any necessary federal actions to ensure these reductions are achieved and maintained. In the Final TMDL, EPA imposed a "backstop" on the urban stormwater sector, transferring 50% of the urban stormwater load that is not currently subject to NPDES permits from the load allocation to the wasteload allocation. EPA is doing this to signal that it is prepared to designate discharges as requiring NPDES permits to ensure nutrient and sediment reductions are achieved and maintained. This does not trigger any immediate changes to the NPDES permitting program. Pennsylvania's final allocations in the Chesapeake Bay TMDL are described in the following table. The Final TMDL calls for 100 percent of the necessary actions to meet Bay water quality standards to be implemented by 2025, with 60 percent to be implemented by 2017.

PA Reduction Targets

Phase 5.3 Watershed Model

Nitrogen (TN), Phosphorus (TP), Suspended Solids (TSS)

Million Pounds/Year

	TN	TP	TSS
1985	135.17	5.08	2,971
2009	106.41	3.96	2,576
Draft TMDL	76.77	2.74	2,013.62
Final TMDL	73.93	2.93	1,983.78
Remaining Reductions By 2025	32.48	1.03	592.22
60% by 2017	19.488	0.618	355.332

Note: This table will be updated to reflect the new Chesapeake Bay Model, referred to by EPA as "Version 5.3.2", when the data is finalized for the 2010 Progress Run.

Over 125 individuals representing a broad range of organizations and interest volunteered to participate on a Management Team and workgroups that provided input throughout the development of the WIP. There is a lot of information on planned efforts in the WIP, including these examples: Collecting information on un-reported BMPs; implementing recent regulatory changes to Chapter 102; integrating funds for an annual "Million Pound" project; quantifying legacy sediment impacts; and quantifying reductions associated with air quality

programs/regulations. Efforts have been made to include, as much as possible, state-wide programs and changes in the document, which hopefully will help integrate those efforts into the work needed to support the WIP.

The Pennsylvania WIP documents are posted at:

http://www.depweb.state.pa.us/portal/server.pt/community/chesapeake_bay_program/10513 . EPA has established a website specifically for the TMDL, which can be accessed at <http://www.epa.gov/chesapeakebaytmdl/> .

Phase 2

To facilitate local implementation of reduction actions needed to meet the Chesapeake Bay goals, EPA has directed the Chesapeake watershed jurisdictions to sub-divide nutrient and sediment reductions by local areas in a Phase 2 WIP. DEP is considering sub-dividing at the county-level, as the EPA Chesapeake Bay watershed model is based in part on county level data. The reduction targets are for planning purposes only, and do not become regulatory allocations at the county level. An October 5th letter from EPA supports this approach. In the letter EPA stated that they do “not expect the jurisdictions to express the ‘local area targets’ in terms of Phase 5.3.2 Watershed Model inputs or outputs, such as pounds of pollutant reductions by county.”

Phase 2 will be addressed in a process similar to Phase 1. DEP staff are re-convening the Management Team that was formed to help develop the WIP and will meet with workgroups as needed. DEP staff have already met with some county groups, and will expand that effort over the fall. DEP staff held eight county workshops from October through early November to solicit input on the Phase 2 draft. Outstanding input was obtained from the meeting participants and that input will be utilized to help draft the second phase of the WIP. Draft Phase 2 WIPs are due to EPA by December 15, 2011, and the Final Phase 2 WIPs are to be submitted by March 30, 2012.

Next Steps:

- Implementation of Phase 1 WIP
- Current Schedule for Phase II WIPs
 - December 15, 2011: Draft Phase 2 WIP due to EPA
 - December 15, 2011 to January 28, 2012: Public comment period on draft Pennsylvania Phase 2 WIP
 - March 31, 2012: Final Phase 2 WIP due to EPA
 - Any necessary modifications to the Bay TMDL to be completed later in 2012.

Chapter 105 Regulation Revisions: The Division of Waterways, Wetlands, and Stormwater Management is currently working to revise the Chapter 105 Dam Safety and Waterway Management regulations and are proposing new permitting fees and a new submerged land license charges.

The proposed fees were shared with WRAC at the May 11, 2010 meeting and the July 14, 2010 meeting for comment. After a few questions, WRAC motioned for the draft regulations be forwarded to the Environmental Quality Board (EQB).

Program staff presented the draft rulemaking to EQB on December 21, 2010. After some discussion, John Arway, Executive Director, PA Fish and Boat Commission, moved to adopt the proposed rulemaking, with a 30-day public comment period. Walter Heine, Citizens Advisory Council, seconded the motion, which was approved by a majority of the Board members. Joe Deklinski, on behalf of Rep. Scott Hutchinson, voted in opposition to the motion.

Revisions to the construction stormwater general permit PAG-02: The Department sent the draft construction stormwater general permit (PAG-02) to the Environmental Protection Agency for their review. The Department has incorporated requirements from the new regulations into the PAG-02. The federal numeric effluent limitations for turbidity have been stayed by EPA and therefore were not incorporated into the draft permit.

Stormwater Offsetting Workgroup: The Department has organized a workgroup to address issues related to offsetting stormwater through permits at an offsite location. The group will be working through the winter and spring to provide structure to the Department in developing a stormwater offsetting policy. It is anticipated that a draft policy will be available for public comment in summer of 2012.

Riparian Buffer Waivers: The amended Chapter 102 regulations that took effect last November included a requirement for 150 foot buffers on special protection (high quality and exceptional value) streams for projects requiring permits under the chapter. An applicant may request a waiver of width and/or composition requirements for the riparian buffer under 102.14(d)(2). The Department has developed guidelines for permit reviewers to follow in evaluating these waiver requests. To date, the Department has received 24 waiver requests from the riparian buffer requirements.

DEP Reorganization for Acid Mine Drainage (AMD) Program: The decision to reorganize the agency was part of a very thought out and detailed process that DEP undertook to evaluate how we do business and our goals for the future. We completed an extensive review and evaluation of our programs and organizational structure to assess our efficiency, improve coordination, enhance communications to be more responsive and maximize the efforts of our greatest asset, our staff, to restore, and protect our natural resources. To effectively implement these goals, the first step was to make changes to our organizational structure. Below is the link to a fact sheet which summarizes the changes and includes the new structure for your information and use.

The Bureau of Abandoned Mine Reclamation (BAMR) had an integral support role in the Abandoned Mine Land Fund reauthorization effort and DEP is proud of the awarding-winning work they have accomplished in addressing the Commonwealth's abandoned mine problems. The working relationship that stakeholders have developed with BAMR will not be impacted, it will be expanded. The same staff will be in the same offices, but they will now be reporting to the new Bureau of Conservation and Restoration (BCR). At a time when resources are at a premium, centralizing our stream restoration activities into a new Bureau in our Office of Water Management Program made sense. The new BCR will focus on watershed restoration which includes a division whose priority is restoring acid mine drainage (AMD) impacted streams. This will improve DEP's efficiency in addressing the Commonwealth's AMD problem. The BCR will include DEP's U.S. Environmental Protection Agency 319 Program that will allow for greater cooperation, especially given the number of streams with the Total Maximum Daily Loads (TMDL) developed or in the development process for AMD. BCR and BAMR will continue to work together as will all of DEP to comprehensively address the land, water, and health and safety projects in the Commonwealth.

DEP Reorganization Fact Sheet Link:

<http://files.dep.state.pa.us/AboutDEP/AboutDEPPortalFiles/ReorgPublic/REORGFactSheetOrgChart.pdf>

II. Pending Issues

Waste Management

Recycling Fund and Solid Waste Advisory Committees: At the September 15th meeting, the Recycling Fund and Solid Waste Advisory Committees reelected Tanya McCoy-Caretti as chairperson and David Strong as Vice-Chairperson. At the September 15th Recycling Fund Advisory Committee meeting, the Department

reviewed the FY 2010-2011 Recycling Fund Expenditures and presented the FY 2012-2013 Recycling Fund Spending Plan. The Committee approved the 2012-2013 Recycling Fund Spending Plan as presented by the Department.

At the September 15th Solid Waste Advisory Committee meeting, the Department presented the draft proposed Municipal Waste Regulations – Chapter 284 Regulated Medical Waste. The Solid Waste Advisory Committee approved the request to submit the draft proposed Municipal Waste Regulations – Chapter 284 Regulated Medical Waste to the Environmental Quality Board (EQB) as a draft proposed rulemaking. Staff in the Division of Municipal and Residual Waste is in the process of preparing the regulations package for presentation to the EQB in February 2012. The Department also presented the 2011 Draft Hazardous Waste Facilities Plan, which was updated to include 2003, 2005, 2007 and 2009 hazardous waste biennial report information. The Solid Waste Advisory Committee approved the 2011 Draft Hazardous Waste Facilities Plan as presented by the Department. Staff is in the process of publishing the Final 2011 Hazardous Waste Facilities Plan.

Environmental Cleanup and Brownfields

Energy Initiatives

Electric Vehicle Infrastructure

Alternative Fuels Incentive Grant

The Department of Environmental Protection announced on October 25th the award of more than \$4.4 million in Alternative Fuels Incentive Grants to 12 projects across the state. The projects will develop the state's natural gas and electric vehicle infrastructure and achieve emissions reductions equivalent to taking 10,000 cars off the road. The grants, funded by a portion of the state's annual utilities gross receipts tax, will encourage new markets for alternative fuels, fleets and technologies across Pennsylvania. In one project, the Clearfield County Area Agency on Aging will receive \$86,500 to convert four meal-delivery vans to reduce costs and better serve the county's older residents while reducing emissions. Waste Management Inc. will receive \$400,000 to assist in constructing a compressed natural gas fueling station in Bristol Borough, Bucks County. The facility is expected to reduce the southeast region's annual greenhouse gas emissions by 2,238 tons per year.

Williamsport's River Valley Transit will also receive a \$400,000 grant to construct a compressed natural gas fueling station that will provide cheaper, cleaner-burning fuel to the city and Lycoming County's police, fire, emergency response, public transit and school bus fleets. The Berks County Intermediate Unit will receive \$100,000 to support the continued use of B20 blended biodiesel, a diesel fuel that contains 20 percent biomass, reducing the area's emissions by nearly 633 tons of greenhouse gases per year. A full list of awards is available on the AFIG website.

The Pennsylvania Energy Development Authority (PEDA)

The PEDA Board of Directors met by conference call on October 12, 2011 and approved 13 alternative energy projects totaling 3.7 million dollars. The grant recipients provided matching funds totaling 41.7 million dollars.

PA Sunshine Program

The PA Sunshine Grant Program opened with \$100 million dollars in funding as authorized by Act 1 in May of 2009. This program received additional funding of \$11 million dollars over the past year. The \$111 million dollars in funding is now close to depletion. A waiting list was established on August 19, 2011. There are currently 468 projects on a waiting list. The program has over 7300 projects that have been applied for or have received photovoltaic (PV) or Solar Hot Water (SHW) rebates totaling \$109 million dollars.

Small Business

Small Business Ombudsman, Jay R. Moyer, announced that DEP is offering a Storm Relief Small Business Advantage Grant to assist the many small businesses throughout the state that suffered damage from Hurricane Irene and Tropical Storm Lee. The grant offers a maximum of a 50 percent reimbursement up to \$9,500.00. To be eligible, the applicant must be a for-profit small business which sustained storm damage in one of the counties included in the federal disaster declaration. Costs incurred after August 26, 2011, and before December 31, 2011, are eligible for grant consideration. Applications must be postmarked or hand delivered to the SBO Office at RCSOB by 4:00 pm on December 31, 2011.

American Recovery and Reinvestment Act Energy Funds

To date; DEP supported Keystone HELP has provided a total of 1542 consumer loans valued at \$12,317,734.69 to PA home-owners resulting in annual energy savings of 4,020,854kwh of electricity; 13,773,995kbTU reduction in heating fuel consumption; and a 6,767,862lb reduction in CO2e emissions through installed residential energy conservation and efficiency measures. The Geothermal Loan Program funded 159 of those loans, totaling \$1,966,974.00. In addition, there have been 118 PHFA Renovate and Repair loans totaling \$2,487,897.00.

As of the week of October 24th, 2011, According to the DOE SEP Dashboard, Pennsylvania ranks 3rd among the States in the percentage of State Energy Program ARRA funds actually spent (\$86,151,232.00) of the \$99,684,000.00 received (or 86%). Pennsylvania has actually spent \$87,668,775.00 (87%) as DOE's reporting is a few weeks behind. The two states ranked above PA (WI and TN) have much smaller \$ allocations. PA ranks 6th in allocations while WI ranks 19th and TN 15th respectively. Currently the national average for expenditures is 59%.

As of the week of October 28th, 2011, the Department Of Energy listed Pennsylvania as ranked third nationally in terms of percent of total funds outlaid (86%) and first in actual dollars outlaid \$ 20,550,897 for state-level Energy Efficiency Conservation Block Grant recipients.

Mining/Reclamation/AMD Issues

ABS BF Discharge Treatment: Progress is being made in systematically approaching the problem, with designs underway for many of the treatment facilities. Initial work has begun in order to prepare a draft NPDES permit for these sites. Water Quality Based Effluent Limit Calculations have been started. Revisions to a number of TMDLs are required to account for some of these discharges.

Proposed Rulemaking-Coal Permit Fees: DEP presented a proposed rulemaking package to the MRAB at the October meeting. This package included fees for coal mining permit applications. The MRAB objected to the fee amounts and recommended that the rulemaking proceed with out the fee revisions. In the meantime, BMR is working with the MRAB's Regulation, Legislative and Technical Committee (RLT) to establish a fee approach that is in line with recommendations the MRAB made at the January 2010 meeting.

On April 22, 2010 the MRAB made a recommendation that the Department prepare a rulemaking package that includes permit fees that would generate about \$400,000 per year. This rulemaking package was approved at the October 2010 EQB meeting. The regulation was published for comment in December 2010. No comments were received. Based on processing delays, republication is necessary. The Department is awaiting approval to advance the rulemaking process.

Noncoal Program Fees-preliminary work has commenced for fees to support the noncoal mining program. The fees have been calculated to support the program costs (about \$3M). Outreach meetings have been held to explain the reason for the fees and how the amounts were calculated. The proposed fees were approved at the June EQB meeting. The proposed regulations were published in the August 28 PA Bulletin, with a 30-day comment period. Comments were received from about 20 commentors. IRRC also provided comments. The Department is awaiting approval to advance the rulemaking process.

NPDES Permitting for mine sites-The mining program has focused its attention on improving the documentation for NPDES permit reviews. This is necessary due to recent initiatives by EPA and OSM. Efforts will focus on dealing with the conductivity/TDS requirements and reasonable assurance of meeting the state water quality standards. EPA has conducted a permit quality review for NPDES permits for mine sites. The Department has engaged EPA in discussions intended to improve NPDES permitting for mining permits. New issues continue to be raised by EPA. The Department has focused its attention on the regulatory requirements. Some of EPA's objections seem to go beyond the regulations. *Comments have been received on about 70 of the 145 permits sent to EPA as of October 2011.* A preliminary draft guidance document has been prepared and informal comments have been received from the PA Mining Professionals and the PA Coal Association.

Act 54 Report-BMR is reviewing the Act 54 report and the comments provided by the Citizen's Coal Council. The Department is gearing up to initiate the contracting process in order to get started on the next report as soon as possible.

Office of Homeland Security

The Pennsylvania's Homeland Security Directorate resides within the Pennsylvania Emergency Management Agency (PEMA). The Directorate staff consists of:

- Ronald C. Stanko, Esq. Deputy Director for Homeland Security
- Mary D. Johnston, Assistant Deputy Director for Homeland Security
- Steven T. Hoffman, Assistant Director for Infrastructure Protection Activities
- Kristin M. Daniels, Critical Infrastructure Protection Specialist

The Deputy Director for the Homeland Security Directorate reports directly to the PEMA Director in support of Emergency Preparedness activities, programs, and initiatives across the Commonwealth.

The OHS Mission is to serve as the lead Commonwealth office for orchestrating and synchronizing protection-related activities for Physical, Cyber, and Human resources, systems, and assets. The Commonwealth departments/agencies provide an all-hazards approach to Homeland Security and Emergency Preparedness that complies with federal Homeland Security legislation and supports Presidential Directives and DHS programs.

The Commonwealth Governance Structure for Emergency Preparedness considers the National Preparedness Goal, the Homeland Security Spectrum of Operations (Prevent, Protect, Respond & Recover from all-hazards incidents), and the 37 federally-defined capabilities required to accomplish those objectives for each of the 17 following critical infrastructure sectors:

- (A) Agriculture and food
- (B) Banking and finance
- (C) Chemical industries
- (D) Commercial facilities
- (E) Commercial nuclear reactors, materials, and waste
- (F) Dams
- (G) The defense industrial base
- (H) Emergency services
- (I) Energy
- (J) Government facilities

- (K) Information technology
- (L) National monuments and icons
- (M) Postal and shipping
- (N) Public health and health care
- (O) Telecommunications
- (P) Transportation systems
- (Q) Water

When planning for protection of Pennsylvania's Critical Infrastructure, OHS and the Commonwealth's departments/agencies consider the following types of threat to the critical infrastructure sectors and to populations in all areas of the Commonwealth, urban and rural:

- (1) Biological
- (2) Chemical
- (3) Cyber
- (4) Explosives
- (5) Incendiary
- (6) Nuclear
- (7) Radiological
- (8) Suicide bombers
- (9) Such other types of threat determined relevant by the Administrator

Environmental Education

Environmental Education Grants Program (EEGP)

The 2012 grant round opened on October 3rd. We're getting several summary email proposals each day. We respond with comments and let the applicants know if there are any issues with the proposal. The summary proposals will increase as the deadline for submissions draws closer. Applications are due to the program by December 16th 2011.

Outreach: Environmental Education outreach activities include the following:

- October 7th Energy conservation/audit program for Girl Scout Group EE Center
- October 8th Energy conservation hands on exhibits for youth and general public at Energy Fair
Ohiopyle Community Center

Workshops Conferences and Board Meetings:

- October 13th Pathways to Green Schools meeting with PDE DEP is one of many agency partners in promoting and supporting green technologies in K-12 schools.

Upcoming Outreach Events:

- October 25th Teacher workshop at the Tom Ridge Education Center Erie The Director will do an EE grants writing workshop.

Other EE Initiatives:

- The EE Director is working with the Pa Department of Education (PDE) to continue a 25 year partnership through an MOU designed to integrate DEP initiatives into K-12 education. The MOU has been fully executed.
- The EE Director is working with the Susquehanna River School/Pride of the Susquehanna Riverboat to explore partnering opportunities in delivering watershed education programming to students and educators.

The Director is working with other agencies and organizations to enhance career opportunities through the Governor’s Science, Technology, Engineering and Math (STEM) initiative. The STEM initiative meshes well with DEP’s alternative energy technologies related programs. This initiative has been augmented by the new Greening of Pennsylvania's Labor Market initiative with ARRA funding through L&I.

DEP’s Director of EE is involved regularly with the Pennsylvania Center for Environmental Education (PCEE) as Board Chair. PCEE is located in Slippery Rock, PA and is funded and administered by the State System of Higher Education. The center serves as a clearing house and resource tool for formal and non-formal educators throughout the state. The Environmental Education and Information Center is developing a Trout in the Classroom exhibit in the Center. Brook trout will be on display in the Center as they are raised from eggs to fingerlings to adults, then released in the spring.

Falcon Outreach/Education:

CMS is coordinating the purchasing and installation of equipment to upgrade the falcon cam web broadcast
DEP Regulations and Proposals Recently Finalized

PA Bulletin Publication Date	Proposals or Regulations
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