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# PENNSYLVANIA BULLETIN

Volume 31

Number 16

Saturday, April 21, 2001 • Harrisburg, Pa.

Pages 2099—2262

**Agencies in this issue:**

The General Assembly

The Courts

Administrative Office of the Pennsylvania Courts

Department of Agriculture

Department of Banking

Department of Education

Department of Environmental Protection

Department of General Services

Department of Health

Department of Labor and Industry

Department of Public Welfare

Department of Revenue

Environmental Hearing Board

Independent Regulatory Review Commission

Insurance Department

Legislative Reference Bureau

Liquor Control Board

Milk Marketing Board

Municipal Police Officers Education and Training

Commission

Pennsylvania Public Utility Commission

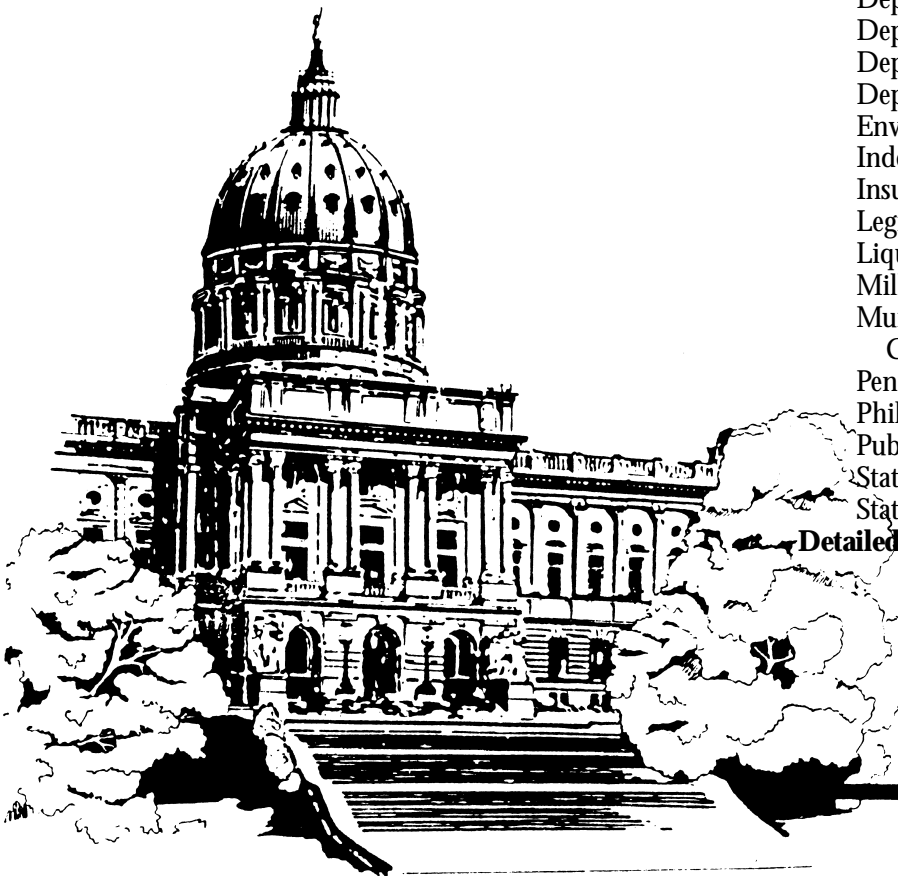
Philadelphia Regional Port Authority

Public School Employees' Retirement Board

State Board of Education

State Board of Medicine

**Detailed list of contents appears inside.**



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**Latest Pennsylvania Code Reporter  
(Master Transmittal Sheet):**

**No. 317, April 2001**

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# READER'S GUIDE TO THE PENNSYLVANIA BULLETIN AND PENNSYLVANIA CODE

## ***Pennsylvania Bulletin***

The *Pennsylvania Bulletin* is the official gazette of the Commonwealth of Pennsylvania. It is published every week and includes a table of contents. A cumulative subject matter index is published quarterly.

The *Pennsylvania Bulletin* serves several purposes. First, it is the temporary supplement to the *Pennsylvania Code*, which is the official codification of agency rules and regulations and other statutorily authorized documents. Changes in the codified text, whether by adoption, amendment, repeal or emergency action must be published in the *Pennsylvania Bulletin*. Further, agencies proposing changes to the codified text do so in the *Pennsylvania Bulletin*.

Second, the *Pennsylvania Bulletin* also publishes: Governor's Executive Orders; State Contract Notices; Summaries of Enacted Statutes; Statewide and Local Court Rules; Attorney General Opinions; Motor Carrier Applications before the Public Utility Commission; Applications and Actions before the Department of Environmental Protection; Orders of the Independent Regulatory Review Commission; and other documents authorized by law.

The text of certain documents published in the *Pennsylvania Bulletin* is the only valid and enforceable text. Courts are required to take judicial notice of the *Pennsylvania Bulletin*.

## **Adoption, Amendment or Repeal of Regulations**

Generally an agency wishing to adopt, amend or repeal regulations must first publish in the *Pennsylvania Bulletin* a Notice of Proposed Rulemaking. There are limited instances where the agency may omit the proposal step; they still must publish the adopted version.

The Notice of Proposed Rulemaking contains the full text of the change, the agency contact person, a fiscal note required by law and background for the action.

The agency then allows sufficient time for public comment before taking final action. An adopted proposal must be published in the *Pennsylvania*

*Bulletin* before it can take effect. If the agency wishes to adopt changes to the Notice of Proposed Rulemaking to enlarge the scope, they must re-propose.

## **Citation to the *Pennsylvania Bulletin***

Cite material in the *Pennsylvania Bulletin* by volume number and page number. Example: Volume 1, *Pennsylvania Bulletin*, page 801 (short form: 1 Pa.B. 801).

## ***Pennsylvania Code***

The *Pennsylvania Code* is the official codification of rules and regulations issued by Commonwealth agencies and other statutorily authorized documents. The *Pennsylvania Bulletin* is the temporary supplement to the *Pennsylvania Code*, printing changes as soon as they occur. These changes are then permanently codified by the *Pennsylvania Code Reporter*, a monthly, loose-leaf supplement.

The *Pennsylvania Code* is cited by title number and section number. Example: Title 10 *Pennsylvania Code*, § 1.1 (short form: 10 Pa.Code § 1.1).

Under the *Pennsylvania Code* codification system, each regulation is assigned a unique number by title and section. Titles roughly parallel the organization of Commonwealth government. Title 1 *Pennsylvania Code* lists every agency and its corresponding *Code* title location.

## **How to Find Documents**

Search for your area of interest in the *Pennsylvania Code*.

The *Pennsylvania Code* contains, as Finding Aids, subject indexes for the complete *Code* and for each individual title, a list of Statutes Used As Authority for Adopting Rules and a list of annotated cases. Source Notes give you the history of the documents. To see if there have been recent changes, not yet codified, check the List of *Pennsylvania Code* Chapters Affected in the most recent issue of the *Pennsylvania Bulletin*.

The *Pennsylvania Bulletin* also publishes a quarterly List of Pennsylvania Code Sections Affected which lists the regulations in numerical order, followed by the citation to the *Pennsylvania Bulletin* in which the change occurred.

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### Printing Format

Material proposed to be added to an existing rule or regulation is printed in **bold face** and material proposed to be deleted from such a rule or regulation is enclosed in brackets [ ] and printed in **bold face**. Asterisks indicate ellipsis of *Pennsylvania Code* text retained without change. Proposed new or additional regulations are printed in ordinary style face.

### Fiscal Notes

Section 612 of The Administrative Code of 1929 (71 P. S. § 232) requires that the Office of Budget prepare a fiscal note for regulatory actions and administrative procedures of the administrative departments, boards, commissions or authorities receiving money from the State Treasury stating whether the proposed action or procedure causes a loss of revenue or an increase in the cost of programs for the Commonwealth or its political subdivisions; that the fiscal note be published in the *Pennsylvania Bulletin* at the same time as the proposed change is advertised; and that the fiscal note shall provide the following information: (1) the designation of the fund out of which the appropriation providing for expenditures under the action or procedure shall be made; (2) the probable cost for the fiscal year the program is implemented; (3) projected cost estimate of the program for each of the five succeeding fiscal years; (4) fiscal history of the program for which expenditures are to be made; (5) probable loss of revenue for the fiscal year of its implementation; (6) projected loss of revenue from the program for each of the five succeeding fiscal years; (7) line item, if any, of the General Appropriation Act or other appropriation act out of which expenditures or losses of Commonwealth funds shall occur as a result of the action or procedures; (8) recommendation, if any, of the Secretary of the Budget and the reasons therefor.

The required information is published in the foregoing order immediately following the proposed change to which it relates; the omission of an item indicates that the agency text of the fiscal note states that there is no information available with respect thereto. In items (3) and (6) information is set forth for the first through fifth fiscal years; in that order, following the year the program is implemented, which is stated. In item (4) information is set forth for the current and two immediately preceding years, in that order. In item (8) the recommendation, if any, made by the Secretary of Budget is published with the fiscal note. See 4 Pa. Code § 7.231 *et seq.* Where "no fiscal impact" is published, the statement means no additional cost or revenue loss to the Commonwealth or its local political subdivision is intended.

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# List of Pa. Code Chapters Affected

The following numerical guide is a list of the chapters of each title of the *Pennsylvania Code* affected by documents published in the *Pennsylvania Bulletin* during 2001.

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# THE GENERAL ASSEMBLY

## COMMISSION ON SENTENCING

### Meeting Notice

The Commission on Sentencing announces the following public meetings, to be held at the Harrisburg Hilton and Towers, One North Second Street, Harrisburg, PA 17101, in the Penn Harris Room:

Tuesday, May 8, 2001	Dinner/Work Session (work session begins at 7:30 p.m.)	6 p.m.
Wednesday, May 9, 2001	Quarterly Commission Meeting	9 a.m.

MARK H. BERGSTROM,  
*Executive Director*

[Pa.B. Doc. No. 01-674. Filed for public inspection April 20, 2001, 9:00 a.m.]

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# THE COURTS

## Title 204—JUDICIAL SYSTEM GENERAL PROVISIONS

### PART V. PROFESSIONAL ETHICS AND CONDUCT [204 PA. CODE CH. 83]

#### Amendment of Rule 218 of the Pennsylvania Rules of Disciplinary Enforcement; No. 11; Disciplinary Rules Doc. No. 1

#### Order

*Per Curiam:*

And Now, this 5th day of April, 2001, it is ordered, pursuant to Article V, Section 10, of the Constitution of Pennsylvania, that:

1. Rule 218(f) of the Pennsylvania Rules of Disciplinary Enforcement is amended as set forth in Annex A.

2. This Order shall be processed in accordance with Pa.R.J.A. 103(b). The amendments to Pa.R.D.E. 218(f) shall take effect upon publication of this Order in the *Pennsylvania Bulletin* and shall apply to all formerly admitted attorneys seeking reinstatement after the date of such publication.

#### Annex A

### TITLE 204. JUDICIAL SYSTEM GENERAL PROVISIONS

#### PART V. PROFESSIONAL ETHICS AND CONDUCT

##### Subpart B. DISCIPLINARY ENFORCEMENT

#### CHAPTER 83. PENNSYLVANIA RULES OF DISCIPLINARY ENFORCEMENT

##### Subchapter B. MISCONDUCT

#### Rule 218. Reinstatement

\* \* \* \* \*

(f)(1) Upon the expiration of any term of suspension not exceeding one year and upon the filing thereafter by the [ **suspended** ] formerly admitted attorney with the Board of a verified statement showing compliance with all the terms and conditions of the order of suspension and of Enforcement Rule 217 (relating to formerly admitted attorneys), the Board shall certify such fact to the Supreme Court, which shall immediately enter an order reinstating the formerly admitted attorney to active status, unless such person is subject to another outstanding order of suspension or disbarment.

(2) [ **If** ] Paragraph (1) of this subdivision shall not be applicable and a formerly admitted attorney shall be subject instead to the other provisions of this rule requiring the filing of a petition for reinstatement, if:

(i) other formal disciplinary proceedings are then pending or have been authorized against the formerly admitted attorney;

(ii) the formerly admitted attorney has been on inactive status for more than three years; or

(iii) the order of suspension has been in effect for more than three years [ paragraph (1) shall not be applicable and such person shall file a petition for reinstatement ].

\* \* \* \* \*

[Pa.B. Doc. No. 01-675. Filed for public inspection April 20, 2001, 9:00 a.m.]

## Title 210—APPELLATE PROCEDURE

### PART I. RULES OF APPELLATE PROCEDURE

### PART II. INTERNAL OPERATION PROCEDURES

#### [210 PA. CODE CHS. 35 AND 65]

#### Amendments to Business of the Superior Court and Superior Court Internal Operating Proce- dures

*Rules of Appellate Procedure, Business of the Superior  
Court*

The Superior Court of Pennsylvania has amended procedures by which requests that a decision of the Court be published are made. This policy is reflected in the Pennsylvania Rules of Appellate Procedure—Business of the Superior Court, with the amendment to Rule 3519, appearing in 210 Pa. Code Chapter 35.

*Superior Court Internal Operating Procedures*

The Superior Court of Pennsylvania has amended procedures by which requests that a decision of the Court be published are made. This policy is reflected in the Superior Court Internal Operating Procedures with the amendment to 210 Pa. Code Chapter 65, Sec. 65.37.

These changes become effective July 2, 2001.

ERNEST GENNACCARO,  
*Chief Staff Attorney*

#### Annex A

### TITLE 210. APPELLATE PROCEDURE

#### PART I. RULES OF APPELLATE PROCEDURE

#### CHAPTER 35. BUSINESS OF THE SUPERIOR COURT

#### APPEALS AND ARGUMENTS LISTS

#### Rule 3519. Requests for Publication.

(b) After an unpublished memorandum decision has been filed, the panel may sua sponte, or on the motion of any party to the appeal, or on request by the trial judge, convert the memorandum to a published opinion. In the case of a motion or a request from the trial judge, such motion or request must be filed with the Prothonotary within 14 days after the entry of the judgment or other order involved. [ **As before, the** ] The decision to publish is solely within the discretion of the panel.

**PART II. INTERNAL OPERATING PROCEDURES****CHAPTER 65. INTERNAL OPERATING  
PROCEDURES OF THE SUPERIOR COURT****DECISIONAL PROCEDURES****§ 65.37. Unpublished Memoranda Decisions.**

B. After an unpublished memorandum decision has been filed, the panel may sua sponte, or on the motion of any party to the appeal, or on request by the trial judge, convert the memorandum to a published opinion. In the case of a motion **or a request from the trial judge**, such **motion or** request must be filed **with the Prothonotary** within 14 days after the entry of the judgment or other order involved. **[ As before, the ]** The decision to publish is solely within the discretion of the panel.

[Pa.B. Doc. No. 01-676. Filed for public inspection April 20, 2001, 9:00 a.m.]

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# RULES AND REGULATIONS

## Title 7—AGRICULTURE

### DEPARTMENT OF AGRICULTURE

#### [7 PA. CODE CHS. 138g and 138k]

#### Farm Safety and Occupational Health Grant Program

The Department of Agriculture (Department) has established regulations authorized and required under the Farm Safety and Occupational Health Act (act) (3 P. S. §§ 1901—1915).

#### *Authority*

The Department has the power and authority to adopt these regulations. This authority includes:

(1) The general authority to adopt rules and regulations conferred by section 5 of the act (3 P. S. § 1905), which delineates the duties of the Secretary of Agriculture (Secretary) and directs the Secretary to "...adopt and promulgate any regulations which may be necessary to implement and administer the act."

(2) The specific authority conferred by section 6(c)(2) of the act (3 P. S. § 1906(c)(2)) which authorizes the Secretary to establish a grant program for the purpose of awarding grants to Statewide farm organizations and volunteer fire companies, ambulance services and rescue squads for providing farm safety, occupational health and emergency response programs.

(3) The specific duty and authority as set forth in section 6(d) of the act, which requires the Secretary to adopt and promulgate regulations to govern the awarding of grants under section 6 of the act.

#### *Need for the Regulations*

The regulations delineate the objectives of the Farm Safety and Occupational Health Grant Program (FSOH) and establish the procedures governing the submission, processing and review of grant applications. In addition, the regulations set forth the documentation required to accompany the applications, eligibility criteria, criteria and verification, cancellation, notification and reporting requirements. The regulations assure fair and impartial review of FSOH grant applications. These regulations establish a grant program which will make funds available to Statewide farm organizations and volunteer fire companies, ambulance services and rescue squads for providing farm safety, occupational health and emergency response programs.

This Commonwealth's approximately 51,000 farms are the foundation of a \$35 billion industry, employing over 650,000 workers in farming and related services, food processing and food wholesale and retail sales. The National Safety Council reports agriculture as this Nation's most hazardous industry, with a work death rate 22% higher than the second most hazardous industry, mining and quarrying. Farming accounts for over 80% of agriculture's injury toll. From 1990 through 1995, at least 249 Commonwealth citizens have lost their lives to hazards associated with farming. The victims included 17 infants, toddlers and preschoolers—all under 5 years of age. Another 29 victims were at least 75 years of age. The oldest victim was 89 years old. In 1994, a Statewide survey showed one in every ten farm operations in this Commonwealth had at least one recordable work-related

injury. Even more startling was that approximately 5% of those injuries resulted in some type of permanent disability to the victim. The numbers evidence the need for farm safety and occupational health programs. In 1994 alone, there were a total of 5,100 injuries and 250 permanent disability injuries related to farming. Therefore, the regulations should ultimately benefit both the farming community and the general public.

In summary, the Department is satisfied there is a need for the regulations, and that they are otherwise consistent with Executive Order 1996-1, "Regulatory Review and Promulgation."

#### *Comments*

Notice of proposed rulemaking was published at 30 Pa.B. 781 (February 12, 2000), and provided for a 30-day public comment period.

Comments were received from the Independent Regulatory Review Commission (IRRC).

*Comment:* IRRC commented on § 138k.1 (relating to Program objectives) of the proposed regulations. IRRC was concerned with the consistency of the section with the Farm Safety and Occupational Health Tuition Assistance Program (FSOHTAP), published at 30 Pa.B. 771, and the Farm Safety and Occupational Health Developmental and Instructional Program (FSOHDIP), published at 30 Pa.B. 776. IRRC was also concerned with the clarity of the section. IRRC commented that § 138k.1(b) of the proposed regulations stated, in part, that "Grant requests...will...be reviewed by the Board..." IRRC commented that giving the Farm Safety and Occupational Health Advisory Board (Board) this duty is inconsistent with similar provisions in the two simultaneously proposed regulations (FSOHTAP and FSOHDIP) submitted to IRRC for review. In addition, IRRC was concerned that the Board only met three times annually and the regulations require the Department to review and approve grant applications within 30 days. Therefore, IRRC stated it was not feasible to include the Board in the review of each application and the Department should revise the regulations to be consistent with the other two regulations (FSOHTAP and FSOHDIP).

*Response:* The Department agrees the language of § 138k.1(b) of the proposed regulations should be revised to be consistent with the other two regulations and because including the Board in the review of each application is not feasible. In addition, giving the Board that power is inconsistent with section 3(g) of the act (3 P. S. § 1903(g)), which establishes the duties of the Advisory Board. The Department has deleted the language regarding review by the Board and has replaced it with "reviewed by the Secretary or a designee." This language is consistent with the language of the other two regulations.

*Comment:* IRRC commented that the term "Board" in the definitions section of the regulations and the term "Advisory Board" in the act both refer to the "Farm Safety and Occupational Health Advisory Board." They suggested that for consistency with the statute, the Department should replace the term "Board" with the term "Advisory Board."

*Response:* The Department agrees the terms in the regulations should be consistent with the terms in the act. The Department has changed the term "Board" to "Advisory Board" in § 138k.2 (relating to definitions) of

the final-form regulations. In addition, in the final-form regulations all references to "Board" have been changed to "Advisory Board."

*Comment:* IRRC had two comments with regard to the clarity of § 138k.4 (relating to general conditions) of the proposed regulations. First, IRRC commented that another part of the proposed regulations, § 138k.6(a) (relating to processing of applications), sets forth a list of attachments to an application. IRRC suggested that in order to improve clarity, the contents of § 138k.6(a) should be moved to § 138k.4 of the proposed regulations. Alternatively, IRRC suggested the contents could be placed in a new section captioned "application requirements" following § 138k.4 and preceding § 138k.5 (relating to applications generally) of the proposed regulations.

IRRC's second comment with regard to § 138k.4 concerned the fact that the proposed regulations require the applicant to complete and submit grant application forms, but does not list the basic information required on a grant application form. IRRC suggested the Department should include basic information on the contents of the application form in this section.

*Response:* With regard to IRRC's first comment on § 138k.4, the Department agrees that placing the contents of § 138k.6(a) of the proposed regulations into the section regarding "applications generally" would add clarity to the regulations. In the final-form regulations, the Department has placed a subsection entitled "grant application requirements" into § 138k.5(b) of the final-form regulations. In addition, the language of § 138k.5(b) has been revised to be consistent with the other two regulations (FSOHTAP and FSOHDIP) submitted to IRRC for review.

With regard to IRRC's second comment concerning § 138k.4, the Department believes that the revised language in § 138k.5 of the final-form regulations and specifically the language in subsection (b) addresses IRRC's concern. In addition, the Department believes it is not required to specifically define the contents of application forms in the regulations.

*Comment:* IRRC commented with regard to the reasonableness and clarity of § 138k.6(b) of the proposed regulations. Section 138k.6(b) of the proposed regulations sets forth the factors the Secretary would consider when reviewing a grant application. IRRC suggested the Department should include a reference to § 138k.3(c) (relating to limitations on grant) of the proposed regulations. Section 138k.3(c) of the proposed regulations sets forth the type of projects for which FSOH grants may be awarded.

*Response:* The Department agrees such a reference would add clarity to the regulations. Therefore, in the final-form regulations, the Department has added language to § 138k.7(d) (relating to review of applications) which references § 138k.3(c).

*Comment:* IRRC had three comments concerning reasonableness and clarity with regard to § 138k.7 of the proposed regulations. The first comment concerned the length of time it will take the Department to evaluate an application. The language of § 138k.7 of the proposed regulation states "Grant applicants will be notified by the Secretary within 30 days of a decision to reject or approve the grant." IRRC commented this language did not clarify the length of time it will take the Department to issue a decision once the application is received.

The second comment was with regard to the clarity of the last sentence of § 138k.7 of the proposed regulations.

IRRC commented that the sentence did not clearly define what constitutes use of the grant money. IRRC was confused as to whether the grant money had to actually be expended within a year, or if it could be merely committed but not actually spent.

IRRC's third comment regarding this section also focused on the last sentence. IRRC commented that the regulations should also state what happens if the grant funds are not used within 1 year of their receipt. IRRC further commented that this section should indicate how a grant recipient could apply for an extension, what action the Department may take and if that action could include cancellation of the grant under § 138k.10 (relating to recordkeeping) of the proposed regulations.

*Response:* The Department agrees the language should be revised to further clarify the time period for review of grant applications, what constitutes "use" of the grant funds, and to define what actions the Department may take in the event the grant recipient does not comply with this section. With regard to IRRC's first comment, the Department has revised the language of § 138k.8 (relating to notice of disposition of applications) of the final-form regulations to clarify the Department's time period for review. This section and all subsections now state that the grant applicant will be notified ". . . within 30 days of receipt of a completed grant application of a decision to approve, approve with special conditions or reject the grant application."

With regard to IRRC's second comment, the Department has revised the language of § 138k.8(c) of the final-form regulations. This section states "Grant money shall be spent. . . within the time period specified in the grant agreement unless an extension is granted in writing by the Secretary." This language clearly states the grant funds must actually be spent and the grant recipient will have a definite time period, set forth in the grant agreement, within which to spend the funds.

The Department responded to IRRC's third comment by adding language to § 138k.8(c) of the final-form regulations. The language delineates how a grant applicant may request an extension of time and sets forth the actions the Department may take if grant funds are not spent within a specified time period. The section states that failure to spend the grant funds within the specified time period will constitute a default and the Secretary may cancel the grant and seek recovery of the grant funds. The language references § 138k.11 (relating to grant cancellation) and § 138k.12 (relating to right of recovery) of the final-form regulations.

In addition, the Department reorganized the section by dividing it into subsections. This adds clarity to the regulations and makes it consistent with the other two farm safety regulations (FSOHTAP and FSOHDIP) submitted to IRRC for review.

*Comment:* IRRC commented with regard to the reasonableness of the paperwork requirements in § 138k.8 of the proposed regulations. IRRC's comments concerned the fact that grant recipients are required to submit a final report with documentation, and are also required to retain copies of documents and records for 3 years after the grant agreement expires.

*Response:* The Department requires retention for audit purposes and in case the copies of the records, documents and receipts contained in the final report and the Department's records are ever questioned or challenged.

*Comment:* IRRC commented with regard to § 138k.9(a) (relating to conflict of interest) of the proposed regula-

tions. IRRC suggested the Department needed to clarify the language of the subsection with regard to the time period for submission of certain reports, receipts and documents. IRRC commented that language sets a definite time period for submission of documentation and receipts but does not delineate a definite time period for submission of the other two reports.

*Response:* The Department intended for one report containing a narrative and all necessary documentation of costs and receipts to be submitted to the Department within 3 months of the project completion date. In response to this comment and in response to IRRC's suggestion that the format of this regulation should be consistent with the format of the other two farm safety regulations (FSOHTAP and FSOHDIP) submitted to IRRC for review, the Department has made two revisions to the final-form regulations. First, the Department revised the language of the final-form regulations to reflect that only one report, a final report, was necessary, and to reflect that the final report must be submitted within 3 months of the project completion date specified in the grant agreement and must include written receipts, records and any other financial records or documents evidencing the project's costs. Secondly, the Department deleted the section on verification from the final-form regulations and made it into two subsections under § 138k.4 of the final-form regulations. This is consistent with the format of the other two farm safety regulations (FSOHTAP and FSOHDIP) submitted to IRRC for review.

*Comment:* IRRC commented on four miscellaneous issues. The comments pertained to the clarity of the regulations and their consistency with the other two farm safety regulations (FSOHTAP and FSOHDIP). The first comment regarded adding provisions to the regulations for requesting additional documentation from an applicant when an application is deficient. IRRC commented that the other two farm safety regulations (FSOHDIP and FSOHTAP) contain those provisions. IRRC suggested the Department should include identical provisions in these regulations.

IRRC commented that the other two farm safety regulations (FSOHTAP and FSOHDIP) include provisions suspending processing of an incomplete application until the Department receives the additional data requested. IRRC suggested the Department should include identical provisions in these regulations.

IRRC's third comment was a suggestion that the Department add language to these regulations stating that the Department will confirm in writing all requests for and submission of additional data.

The fourth comment made by IRRC concerned the conflict of interest provision contained in the other two farm safety regulations (FSOHTAP and FSOHDIP) being reviewed by IRRC. IRRC suggested an identical provision be included in these regulations.

*Response:* The Department agrees with all of IRRC's comments and suggestions regarding miscellaneous provisions. In response to IRRC's first comment, the Department has added language to the final-form regulations regarding the Department's ability to and the process for requesting additional data for incomplete or inaccurate applications. Section 138k.6(b)(3) of the final-form regulations sets forth these provisions.

With regard to IRRC's second comment, the Department has added § 138k.6(b)(3) to the final-form regulations. This section sets forth provisions for suspending

the processing of an incomplete or inaccurate application and delineates the time period for submission of requested data.

In response to IRRC's third comment, the Department included language in § 138k.6(b)(3) of the final-form regulations regarding the processing of an incomplete or inaccurate application.

The Department addressed IRRC's fourth comment by adding § 138k.9 to the final-form regulations.

To address IRRC's concerns regarding clarity and consistency among the three farm safety regulations, in addition to the changes noted previously, the Department reformatted these final-form regulations so that the format and language is consistent with the final-form of regulations #2-122 (FSOHDIP) and #2-123 (FSOHTAP).

#### *Fiscal Impact*

##### *Commonwealth*

The final-form regulations will impose minimal costs and have minimal fiscal impact upon the Commonwealth, including projected increases in program costs. The Department has an appropriation for use in developing the various FSOH Grant Programs allowed under section 6 of the act. The Secretary, with the advice of the Board, will determine the amount of funds to allocate to each grant program promulgated under section 6 of the act.

##### *Political Subdivisions*

The final-form regulations will impose no direct costs and have no fiscal impact upon political subdivisions.

##### *Private Sector*

The final-form regulations will impose minimal costs on those organizations or individuals who are interested in applying for FSOH grants. The costs that may be associated with the regulations would involve the time spent to develop and implement the programs for which grant funds are sought and obtain and fill out a grant application. Organizations and individuals receiving grants would benefit by receiving funds to cover costs associated with developing and implementing the FSOH emergency response programs. The private sector may also benefit through the realization of reduced health care and occupational costs resulting from the educational value, skills learned and technical information presented at the educational and preventative programs developed under and espoused by the act and these regulations.

##### *General Public*

The final-form regulations will impose no direct costs and have no fiscal impact upon the general public. The farm community and the general public should benefit through the reduction of health care and occupational costs which are likely to result from the emergency response programs developed and implemented under and espoused by the act and these regulations.

##### *Paperwork Requirements*

The final-form regulations will not result in an appreciable increase of paperwork. The Department will have a grant application form to administer the FSOH Grant Program. However, the administrative provisions of the FSOH Grant Program regulations are very similar to the administrative provisions of the FSOH Grant Program Statement of Policy. The Department has already developed a grant application form and grant agreement for use in administering the FSOH Grant Program and has administered that program, under a Statement of Policy, since 1996.

*Contact Person*

Further information is available by contacting the Department of Agriculture, Farm Safety and Occupation Health Grant Program, 2301 North Cameron Street, Harrisburg, PA 17110-9408, Attn: John Tacosky, (717) 772-5217.

*Regulatory Review*

Under section 5(a) of the Regulatory Review Act (71 P. S. § 745.5(a)), on January 31, 2000, the Department submitted a copy of the notice of proposed rulemaking published at 30 Pa.B. 781, to IRRC and to the Chairpersons of the House and Senate Standing Committees on Agriculture and Rural Affairs for review and comment.

Under section 5(c) of the Regulatory Review Act, IRRC and the Committees were provided with copies of the comments received during the public comment period, as well as other documents when requested. In preparing these final-form regulations, the Department has considered the comments from IRRC, the Committees and the public.

Under section 5.1(d) of the Regulatory Review Act (71 P. S. § 745.5a(d)), on February 13, 2001, these final-form regulations were deemed approved by the Committees. Under section 5.1(e) of the Regulatory Review Act, IRRC met on February 15, 2001, and approved the final-form regulations.

*Findings*

The Department finds that:

(1) Public notice of its intention to adopt the regulations encompassed by this order has been given under sections 201 and 202 of the act of July 31, 1968 (P. L. 769, No. 240)(45 P. S. §§ 1201 and 1202) and the regulations promulgated thereunder at 1 Pa. Code §§ 7.1 and 7.2.

(2) A public comment period was provided as required by law and all comments received were considered.

(3) The modifications that were made to these regulations in response to comments received do not enlarge the purpose of the proposed regulation published at 30 Pa.B. 781.

(4) The adoption of these regulations in the manner provided in this order is necessary and appropriate for the administration of the authorizing statute.

*Order*

The Department, acting under authority of the authorizing statute, orders that:

(a) The regulations of the Department, 7 Pa. Code, are amended by adding §§ 138k.1—138k.13 and by deleting §§ 138g.1—138g.10 to read as set forth in Annex A.

(b) The Secretary shall submit this order and Annex A to the Office of General Counsel and to the Office of Attorney General for review and approval as to legality and form, as required by law.

(c) The Secretary shall certify this order and Annex A and deposit them with the Legislative Reference Bureau, as required by law.

(d) This order shall take effect upon publication in the *Pennsylvania Bulletin*.

(*Editor's Note:* The adoption of §§ 138k.11—138k.13 was not included with the proposal at 30 Pa.B. 781).

SAMUEL E. HAYES, Jr.,  
Secretary

(*Editor's Note:* For the text of the order of the Independent Regulatory Review Commission, relating to this document, see 31 Pa.B. 1291 (March 3, 2001).)

**Fiscal Note:** Fiscal Note 2-119 remains valid for the final adoption of the subject regulations.

**Annex A**

**TITLE 7. AGRICULTURE**

**PART V-C. FARMLAND AND FOREST LAND**

**CHAPTER 138g. (Reserved)**

**§§ 138g.1—138g.10. (Reserved).**

**CHAPTER 138k. FARM SAFETY AND OCCUPATIONAL HEALTH GRANT PROGRAM**

- Sec.
- 138k.1. Program objectives.
- 138k.2. Definitions.
- 138k.3. Limitations on grants.
- 138k.4. General conditions.
- 138k.5. Applications generally.
- 138k.6. Processing of applications.
- 138k.7. Review of applications.
- 138k.8. Notice of disposition of application.
- 138k.9. Conflict of interest.
- 138k.10. Recordkeeping.
- 138k.11. Grant cancellation.
- 138k.12. Right of recovery.
- 138k.13. Deficits.

**§ 138k.1. Program objectives.**

(a) *Purpose.* The purpose of the Program is to fund projects which will increase the knowledge and awareness of farm safety measures and occupational health issues in this Commonwealth, in particular, among the rural youth of this Commonwealth.

(b) *Competitive program.* The Program is competitive. Grant requests and related documentation will be collected by the Department and reviewed by the Secretary. Grants will be awarded annually.

(c) *Funds available basis.* Grants will not be awarded unless funds are available for this purpose.

**§ 138k.2. Definitions.**

The following words and terms, when used in this chapter, have the following meanings, unless the context clearly indicates otherwise:

*Act*—The Farm Safety and Occupational Health Act (3 P. S. §§ 1901—1915).

*Advisory Board*—The Farm Safety and Occupational Health Advisory Board.

*Department*—The Department of Agriculture of the Commonwealth.

*Designee*—A person chosen or appointed by the Secretary to carry out the Secretary's duties under this chapter.

*Eligible applicants*—Statewide farm organizations and volunteer fire companies, ambulance services and rescue squads providing farm safety, occupational health and emergency response programs.

*Person*—An individual, partnership, corporation, association or other form of business enterprise.

*Program*—The Farm Safety and Occupational Health Grant Program.

*Project*—The farm safety, occupational health or emergency response program delineated in the applicant's program application.



*Secretary*—The Secretary of Agriculture of the Commonwealth or a designee.

*Statewide farm organizations*—The term includes any of the following organizations located in this Commonwealth:

- (i) Farmers organizations.
- (ii) Dairy organizations.
- (iii) Livestock and poultry organizations.
- (iv) Veterinary associations.
- (v) Commodity organizations.
- (vi) Food industry organizations.
- (vii) Horticulture and agronomy organizations.
- (viii) Agricultural promotional organizations.
- (ix) Agricultural equipment organizations, including a local, county or regional chapter thereof.

*Volunteer ambulance services*—A nonprofit chartered corporation, association or organization located in this Commonwealth and which is regularly engaged in the services of providing emergency medical care and transportation of patients.

*Volunteer fire company*—A nonprofit chartered corporation, association or organization located in this Commonwealth which provides fire protection services and other voluntary emergency services within this Commonwealth.

*Volunteer rescue squad*—A nonprofit chartered corporation, association or organization located in this Commonwealth which provides rescue services in this Commonwealth.

### § 138k.3. Limitations on grants.

(a) *Financial assistance.* The Program will award financial assistance, of up to \$2,500, to Statewide farm organizations, volunteer fire companies, ambulance services and rescue squads within this Commonwealth that wish to develop and deliver farm safety, occupational health and emergency response programs.

(b) *Grant awards.* An eligible applicant may apply for more than one program grant per year. However, an eligible applicant may not be awarded more than \$2,500 in Program grants in a fiscal year.

(c) *Recipient's use of Program grant funds.* A recipient of a Program grant may only use the funds to cover the costs of the specific project/event/activity described in the recipient's approved grant application and signed grant agreement.

(d) *Eligible projects.* Program grants may be awarded for the following types of projects:

- (1) Projects related to methods of preventing or mitigating farm accidents.
- (2) Educational programs relating to agricultural equipment safety programs for farm youth.
- (3) Educational seminars or field demonstrations relating to first aid programs for farm youth.
- (4) Agriculture safety training programs at day camps and demonstration projects for farm youth.
- (5) Development and implementation of age-appropriate rural school curricula.
- (6) Fire/educational safety programs specific to farms.

(7) Development and implementation of age-appropriate adult farmer and farm worker safety training programs.

(8) Farm related emergency response training programs.

(e) *Addition limitations.*

(1) Program grant funds may only be used to provide financial assistance for projects administered within the geographic boundaries of this Commonwealth.

(2) Program grant funds may not be used for or applied to any training, programs, activities, certification or licensing requirements or events pertaining to the Pennsylvania Pesticide Control Act of 1973 (3 P. S. §§ 111.21—111.60) or the regulations pertaining to pesticides in Chapters 128 and 128b (relating to pesticides; and Chemsweep Pesticide Disposal Program) or the statement of policy regarding the Chemsweep Pesticide Disposal Program in Chapter 128a (relating to Chemsweep pesticide Disposal Program—statement of policy).

### § 138k.4. General conditions.

(a) *Grant agreement.* The recipient of a Program grant shall sign a grant agreement setting forth the amount of the grant and other terms and conditions the Department may reasonably require.

(b) *Default.* A recipient of a Program grant who fails to abide by the terms of the grant agreement or the act or this chapter shall be in default. In the event of a default, the Secretary may cancel the grant and seek recovery of the grant funds as set forth in § 138k.12 (relating to right of recovery). The Secretary may waive a default, after consultation with the Advisory Board, as a result of extenuating circumstances.

(c) *Verification.* Within 3 months of the project completion date specified in the grant agreement, the recipient shall submit to the Department a final report. The final report shall include:

- (1) Written receipts, records and any other financial records or documents evidencing the project's costs.
- (2) Pertinent documentation (such as course syllabi, schedules, attendance records and speaker profiles) evidencing the course's content.
- (3) A narrative report stating the project objectives and setting forth what objectives were accomplished, the experience gained and knowledge acquired and the methods used to accomplish the stated objectives.

(d) *Failure to verify.* If a fully completed final report containing the required receipts, records, documentation and narrative is not submitted within the 3-month period or a portion of the grant proceeds are not accounted for, the Secretary may demand the recipient repay the entire amount of the grant or a lesser amount, plus legal interest thereon. The demand will be made in writing and delineate the deficiencies in the verification documents. The recipient shall have 30 days, from the receipt of written notice, to remedy the stated deficiencies or payment shall be due within 60 days of the written demand.

### § 138k.5. Applications generally.

(a) *Eligible applicants.* Only eligible applicants may submit a grant application to the Department. Eligible applicants may submit grant applications to the Department at the address in subsection (c).

(b) *Grant application requirements.* An application for a Program grant will not be considered by the Secretary unless the following items are attached:

(1) A detailed description of the project, including objectives, goals and materials to be funded by the grant.

(2) A reasonable and accurate statement of the estimated cost of the project. The statement shall include a separate breakdown of the personnel portion of the costs, the materials portion of the cost, and any other necessary or anticipated costs associated with the project. The applicant shall provide any documentation or financial statements available to support the estimated project costs.

(3) A statement regarding the amount of tuition to be charged for the courses.

(4) A copy of the official organization board minutes when action was taken on the project or a signed statement attesting to the applicant's commitment to the project.

(5) Information regarding the breadth of the project, including the individuals or groups to be served by the project and the geographic area to be served by the project. Maps or other geographic aids may be attached.

(6) Information regarding the skills, knowledge or experience to be gained from the project.

(7) Documentation regarding the name and location of the applicant administering the project.

(8) A biographical sketch of primary persons involved in the project which indicates skills, knowledge, training and prior experience of the persons developing or administering, or both, the project.

(c) *Obtaining an application and assistance.* An application for a grant under this chapter shall be made on a form prepared by the Department. For applications and for assistance, contact the Farm Safety and Occupational Health Grant Program, Department of Agriculture, 2301 North Cameron Street, Harrisburg, Pennsylvania 17110.

(d) *Additional information.* The Secretary may require that an applicant submit additional documentation as may reasonably be necessary to complete, verify or clarify the application.

(e) *Application deadline.* An application for a grant under this chapter shall be submitted to the Department by October 31 of each year.

**§ 138k.6. Processing of applications.**

(a) *Approval or denial.* The Secretary will approve, approve with special conditions or reject grant applications and issue grants in accordance with the general considerations and criteria of the act and this chapter. The Secretary may exercise judgment in approving grant applications and in determining the distribution of grants so that the widest possible audience becomes acquainted with farm safety and occupational health practices and techniques espoused by the act and this chapter. The Secretary may impose restrictions or special conditions upon the issuance of a grant.

(b) *Processing.* An application for a Program grant shall be processed in the following manner:

(1) *Completeness and accuracy.* Upon receipt of an application for a Program grant and the required supporting documentation, the Secretary will review this information for completeness and accuracy.

(2) *Complete and accurate applications.* Applications containing the required information and supporting documentation will be reviewed in accordance with the criteria in the act and this chapter and accepted, accepted with special conditions or rejected. Grant applicants will

be notified in writing as set forth in § 138k.8(a) (relating to notice of disposition of application).

(3) *Incomplete or inaccurate applications.* If the Secretary determines an application is incomplete or inaccurate, final processing of the application may be discontinued or additional data may be requested. If additional data is requested, the request shall be in writing as set forth in § 138k.8(b) and will be sent to the address listed on the grant application. The processing of the application will cease until the applicant supplies the requested data. The Secretary will terminate the processing of an incomplete application when the additional data requested is not supplied within 10 days of the request for the data.

(c) *Advisory Board.* The Advisory Board, as required under sections 3(g)(2) and 4(c) of the act (3 P. S. §§ 1903(g)(2) and 1904(c)), shall recommend overall priorities for each grant program to the Secretary. Additionally, the Advisory Board, as required by section 3(g)(3) of the act, shall recommend the amount of funds to be allocated to each grant program. The Advisory Board has no authority to and will not review individual grant applications and shall have no input into individual grant awards.

**§ 138k.7. Review of applications.**

(a) *Evaluation.* The Secretary will evaluate an application based on the applicant's eligibility and grant application requirements, as well as the factors set forth in the act and this chapter.

(b) *Grant application completeness.* An application for a Program grant will not be considered by the Secretary unless it contains the required information and items in § 138k.5(b) (relating to applications generally).

(c) *Factors.* Factors to be considered by the Secretary in selecting grant recipients include the following:

(1) The relevance of the project to farm safety or rural health issues.

(2) The innovativeness of the project.

(3) The scope and duration of the project, the number of people who will be affected by the project as described in the application and how it relates to program components in section 4(b) of the act (3 P. S. § 1904(b)).

(4) The value to the agricultural community of the project described in the application.

(5) The willingness of the applicant to make in-kind or financial, or both, contributions to the project.

(6) The availability of funding for the project from a source other than the Program.

(7) The impact the project will have upon rural youth or farmers, growers or producers within this Commonwealth.

(8) The value to those who work directly with farm accident victims.

(9) Whether the applicant has been, in whole or in part, the recipient of a program grant within the same fiscal year.

(10) Whether a local, county or regional farm organization is affiliated with a Statewide farm organization.

(11) The amount of tuition the applicant intends to charge for the courses administered under the project.

(12) The priorities the Secretary, in consultation with the Advisory Board, sets in accordance with section 4(c) of the act.

**§ 138k.8. Notice of disposition of application.**

(a) *Applications deemed complete.* The Secretary will notify grant applicants within 30 days of receipt of their completed grant application of a decision to approve, approve with special conditions or reject the grant application. This notice will be sent by regular mail to the address indicated by the applicant on the grant application.

(b) *Applications deemed incomplete or inaccurate.* Within 30 days of receipt of a grant application, the Secretary will notify the applicant of a decision to reject the grant application or notify the applicant of a deficiency in the grant application and request additional data. If additional data is requested, notification shall be in writing and detail the additional data needed. The Secretary will follow the action prescribed in § 138k.6(b)(3) (relating to processing of applications).

(c) *Approved applications.* Applicants approved for a Program grant will receive a grant agreement which shall be executed by the recipient and the Department prior to the release of funds. Grant money shall be spent by the grant recipient within the time period specified in the grant agreement unless an extension is granted in writing by the Secretary. A request for an extension shall be in writing, state the reason the extension is needed and shall be sent to the address in § 138k.5(c) (relating to applications generally). Failure to spend the grant funds within the specified time period shall constitute a default on the part of the grant recipient. The Secretary may cancel the grant and seek recovery of the grant funds as set forth in §§ 138k.11 and 138k.12 (relating to grant cancellation; and right of recovery).

**§ 138k.9. Conflict of interest.**

A member of the Advisory Board may apply for a grant provided all decisions regarding the grant application are subject to 65 Pa.C.S. § 1103(j) (relating to restricted activities) and the action does not violate the State Adverse Interest Act (71 P.S. §§ 776.1—776.9), or 4 Pa. Code, Chapter 7, Subchapter K (relating to code of conduct for appointed officials and state employees).

**§ 138k.10. Recordkeeping.**

A Program grant recipient shall maintain all books, records, receipts, supporting documents, financial statements, final reports and other documents pertaining to the project, the project costs and the Program grant. These records shall be retained for 3 years beginning at the end of the grant year. The books, records, receipts, supporting documents, financial statements, final reports and other documents shall be maintained according to generally accepted accounting principles. The records shall be made available to the Department or its agent upon request.

**§ 138k.11. Grant cancellation.**

A Program grant may be canceled by the Secretary upon a determination that the grant recipient has violated the act, this chapter or the grant agreement, the grant funds or any portion thereof were not utilized or spent in the manner delineated in the grantee's approved grant application or were not used to implement the project set forth in the grantee's approved grant application. In addition, a Program grant may be canceled upon failure of the recipient to satisfy the verification requirements of this chapter. Upon cancellation, the Secretary

may seek recovery of the grant funds or any portion thereof as set forth in § 138j.12 (relating to right of recovery).

**§ 138k.12. Right of recovery.**

The Department has the right to make a claim for and receive from the grant recipient grant funds not expended in accordance with the act, the grant agreement or this chapter, and may demand the return of the grant sum, or a portion thereof, plus legal interest thereon.

**§ 138k.13. Deficits.**

The Department's financial obligation is limited to the amount of the grant. The Department is not responsible for funding any cost overruns incurred by the grant recipient.

[Pa.B. Doc. No. 01-677. Filed for public inspection April 20, 2001, 9:00 a.m.]

**[7 PA. CODE CH. 138j]**

**Farm Safety and Occupational Health Developmental and Instructional Program**

The Department of Agriculture (Department), has established regulations authorized and required under the Farm Safety and Occupational Health Act (act) (3 P.S. §§ 1901—1915).

*Authority*

The Department has the power and authority to adopt these regulations. This authority includes:

(1) The general authority to adopt rules and regulations conferred by section 5 of the act (3 P.S. § 1905), which delineates the duties of the Secretary of Agriculture (Secretary) and directs the Secretary to "...adopt and promulgate any regulations which may be necessary to implement and administer the act."

(2) The specific authority conferred by section 6(c)(1) of the act (3 P.S. § 1906(c)(1)) which authorizes the Secretary to establish a grant program for the purpose of awarding grants to the Pennsylvania Fire Academy, public and private colleges and universities, community colleges and vocational and technical schools which provide technical courses of instruction in farm safety and occupational health to emergency service providers and the farm community or which develop farm safety and occupational health training programs for implementation by the Department.

(3) The specific duty and authority as in section 6(d) of the act, which requires the Secretary to adopt and promulgate regulations to govern the awarding of grants under section 6 of the act.

*Need for the Regulations*

The regulations delineate the objectives of the Farm Safety and Occupational Health Developmental and Instructional Program (FSDIP) and establish the procedures governing the submission, processing and review of grant applications. In addition, the regulations set forth the documentation required to accompany the applications, eligibility criteria, criteria and verification, cancellation, notification and reporting requirements. The regulations assure fair and impartial review of FSDIP grant applications. These regulations establish a grant program which will make funds available for development and implementation of programs that provide technical

courses of instruction on farm safety and occupational health to emergency service providers and the farm community. The grant program is intended to facilitate avoidance and elimination of farming hazards.

This Commonwealth's approximately 51,000 farms are the foundation of a \$35 billion industry, employing over 650,000 workers in farming and related services, food processing and food wholesale and retail sales. The National Safety Council reports agriculture as this Nation's most hazardous industry with a work death rate 22% higher than the second most hazardous industry, mining and quarrying. Farming accounts for over 80% of agriculture's injury toll. From 1990 through 1995, at least 249 Commonwealth citizens have lost their lives to hazards associated with farming. The victims included 17 infants, toddlers and preschoolers—all under 5 years of age. Another 29 victims were at least 75 years of age. The oldest victim was 89 years old. In 1994, a Statewide survey showed one in every ten farm operations in this Commonwealth had at least one recordable work-related injury. Even more startling was that approximately 5% of those injuries resulted in some type of permanent disability to the victim. The numbers evidence the need for farm safety and occupational health programs. In 1994 alone, there were a total of 5,100 injuries and 250 permanent disability injuries related to farming. Therefore, the regulations should ultimately benefit both the farming community and the general public.

In summary, the Department is satisfied there is a need for the regulations, and that they are otherwise consistent with Executive Order 1996-1, "Regulatory Review and Promulgation."

#### Comments

Notice of proposed rulemaking was published at 30 Pa.B. 776 (February 12, 2000), and provided for a 30-day public comment period.

Comments were received from the Independent Regulatory Review Commission (IRRC).

*Comment:* IRRC commented on § 138j.2(a) (relating to definitions) of the proposed regulations. IRRC commented that this section listed four types of institutions that qualify for FSDIP grants and that this list is repeated in §§ 138j.4(a), 138.6(a) and 138j.9(b) of the proposed regulations. In addition, IRRC noted that according to section 6(c)(1) of the act, these four institutions are the only types of institutions that are eligible for FSDIP grants. IRRC suggested the Department could clarify the regulations by defining "eligible applicant" in § 138j.2 of the final-form regulations and replacing the lists of institutions in the four sections previously listed with the term "eligible applicant."

*Response:* The Department agrees that defining the term "eligible applicant" may add some clarity to the final-form regulations with regard to §§ 138j.4(a) and 138.6(a) of the proposed regulations. Therefore, the Department has defined "eligible applicant" in the final-form regulations. In addition, the Department has replaced the listing of eligible institutions with the term "eligible applicant" in all sections of the final-form regulations, except in § 138j.1(a) (relating to program objectives) and § 138j.7(b) (relating to review of applications). The Department kept the list of eligible institutions in § 138j.1(a) because that section comes before § 138j.2, where "eligible applicant" is defined. The Department believes referring to "eligible applicant" before it is defined would not add clarity to the regulations. With regard to § 138j.7(b) of the final-form regulations, the

Department has deleted that section. Section 138j.7(a) requires the Secretary to evaluate applicant eligibility. The Secretary will use the standards in the definition of "eligible applicant" to make such a determination. As IRRC has suggested, there is no need to repeat the criteria. The letters associated with the subsequent subsections of § 138j.7 have been changed to reflect the deletion of § 138j.7(b).

*Comment:* IRRC commented on § 138j.2(b) of the proposed regulations. IRRC commented that the phrase "the Secretary or a designee" had been used in various portions of the text of the rulemaking (§§ 138j.2 and 138j.5—138j.9) and suggested the term "designee" should be defined.

*Response:* The Department made three changes to the final-form regulations with regard to this comment. First, the Department defined "designee" in § 138j.2. Second, the Department, in § 138i.2, redefined the term "Secretary" by adding "... or a designee" to the definition. Under those changes, the third change was to delete the phrase "or a designee" from all references to the Secretary, throughout the text of the final-form regulations. The result of the three changes is that the final-form regulations are easier to read and more concise and all references to the Secretary are now interpreted to mean the Secretary or whomever the Secretary appoints or assigns to carry out the duties under the regulations.

*Comment:* IRRC commented that the term "Board" in § 138j.2 and the term "Advisory Board" in the act both refer to the "Farm Safety and Occupational Health Advisory Board." They suggested that for consistency with the statute, the Department should replace the term "Board" with the term "Advisory Board."

*Response:* The Department agrees the terms in the regulations should be consistent with the terms in the act. The Department has changed the term "Board" to "Advisory Board" in § 138j.2 of the final-form regulations. In addition, in the final-form regulations, all references to "Board" have been changed to "Advisory Board."

*Comment:* IRRC commented that the term "farm laborers" in § 138j.2 was not consistent with the definition which read, in part: "An individual employed by a farmer in raising, cultivating, . . ." IRRC commented that the term should be changed to "farm laborer."

*Response:* The Department agrees with this comment. The Department has changed the term to "farm labor" in the final-form regulations.

*Comment:* IRRC commented that the definition of "members of farm families," in § 138j.3 (relating to limitations on grants) of the proposed regulations, now § 138j.2 of the final-form regulations was confusing and that there was a conflict between plural and singular nouns in the definition. The definition included a phrase "... collateral relation of the first degree. . ." IRRC found this confusing and suggested the Department replace the phrase with "nieces, nephews and grandchildren" and any others the Department would want included in the definition. In addition, IRRC commented that there was a conflict between plural and singular nouns in the term "members of farm families" and the first phrase of the definition which read: "Any son, daughter or spouse of a farmer. . ."

*Response:* The Department believes the phrase "collateral relation of the first degree" is specific and should remain in the definition. However, in response to IRRC's concern for clarity the Department has added: ". . . (such as nieces, nephews and grandchildren). . ." to the defini-

tion. We believe this should address the clarity issue, while at the same time keeping the definition specific and narrow. In response to IRRC's concern regarding a conflict between plural and singular nouns in the definition of "members of farm families," the Department changed the phrase "members of farm families" to "members of farm family" and retained the singular form of the words ". . .son, daughter or spouse of a farmer. . ." in the definition. The Department believes this change is less confusing than amending the words in the definition to read ". . .sons, daughters and spouses of a farmer. . ."

*Comment:* IRRC commented that the term "FSDIP" was used in the proposed regulations, but was not defined. The term "Program" was defined in the proposed regulations as the "Farm Safety and Occupational Health Developmental and Instructional Program." IRRC suggested the term "Program" should replace the term "FSDIP" throughout the final-form regulations.

*Response:* The Department agrees with IRRC's comment and has replaced the term "FSDIP" with the term "Program" throughout the final-form regulations.

*Comment:* IRRC expressed two concerns regarding what was § 138j.5(c) under the proposed regulations (§ 138j.4(c) (relating to general conditions) of the final-form regulations). The first concern related to the final reports mentioned in subsection (c). IRRC felt the language was unclear as to whether the Department was requesting one or two final reports. In addition, IRRC commented that if only one final report was necessary, the Department should include a list of the type of financial information and project data required to be included in the report. IRRC's second concern pertained to the phrase "pertinent documentation." IRRC suggested the Department should provide examples of "pertinent documentation" in the final-form regulations.

*Response:* The Department has changed the language to make it clear that only one final report is required. In addition, the Department has modified the language of the subsection to specify that the financial information needed is any financial information evidencing the costs associated with the approved Program project and has included examples of what constitutes "pertinent documentation."

*Comment:* IRRC commented that for clarity the contents of former § 138j.9(c) under the proposed regulations, should be moved to former § 138j.6 under the proposed regulations. IRRC commented that alternatively the Department could create a new section captioned "application requirements" following what was § 138j.6 under the proposed regulations.

*Response:* The Department agrees with this recommendation and has implemented the suggestion by moving former § 138j.9(c) under the proposed regulations, to what is now § 138j.5(b) (relating to applications) in the final-form regulations. It should be noted that § 138j.5 in the final-form regulations still relates to applications and is the same as § 138j.6 under the proposed regulations. The section number was changed as a result of another suggestion by IRRC, which required the Department to delete § 138j.1 in the proposed regulations.

*Comment:* IRRC commented that § 138j.6(a) and (b) (relating to processing of applications) requires the applicants to complete and submit application forms provided by the Department; however, the regulations do not list the basic information that will be required on the application form. IRRC suggested the Department should include basic information on the contents of the application form in this section.

*Response:* The Department knows of no requirement that an agency include a sample of an application form in the regulations. In addition, the Department will formulate and provide the application form to the applicant. The application form will notify the applicant of the information required. The Department also believes that the basic information needed on an application form is outlined in § 138j.5(b) of the final-form regulations and that further information as to content is supplied throughout the regulations, as in § 138j.3 and § 138j.7(d). Section 138j.7(b)(3) of the final-form regulations also sets forth a procedure for notifying applicants when a grant application is incomplete and provides additional time for the applicant to supply any missing information. Therefore, the Department believes the final-form regulations are sufficiently specific and the applicant has sufficient notice with regard to the content of the application.

*Comment:* IRRC had two comments with regard to what was § 138j.7 in the proposed regulations. The first concern regarded § 138j.7(b). IRRC commented that the subsection is closely related to § 138j.8 (relating to notice of disposition of application) of the proposed regulations and suggested it should be moved to that section. The second comment pertained to § 138j.7(c). IRRC interpreted the language of the subsection to mean that the Advisory Board would have an active role in reviewing each individual grant application. Under that interpretation and the fact the Department plans to review and approve or deny grant applications within 30 days, IRRC was concerned that it would not be feasible to include the Advisory Board in the review of each application. IRRC suggested the Department clarify the language of this section or move this subsection to subsection (c) in what was § 138j.4 of the proposed regulations.

*Response:* With regard to IRRC's first concern, the Department believes that § 138j.7(b) of the proposed regulations (§ 138j.6(a) and (b) of the final-form regulations) is not duplicative. Section 138j.7 of the proposed regulations deals with the processing of a grant application and is intended to notify the applicant of who will review the grant applications, the time period of the review and the process for incomplete or inaccurate applications. Section 138j.8 of the proposed regulations is intended to inform the applicant of how and in what time period the applicant will be notified of approval or denial of the applicant's grant application. It should be noted that § 138j.8 of the final-form regulations follows sections relating to processing and review of applications. Therefore, the regulations gain a logical flow by notifying the applicant: (1) how applications will be processed; (2) how an application will be reviewed and ranked; and (3) how and when an applicant will be notified.

With regard to IRRC's concern relating to the function of the Advisory Board, the Department did not intend the language of this subsection to include the Advisory Board in the review of each individual grant application. Such an interpretation of the language of this subsection is in direct conflict with the powers of the Advisory Board enumerated in section 3(g) of the act (3 P. S. § 1903(g)). The Department has changed the language in the final-form regulations to remove all doubt as to the function of the Advisory Board. The revised language makes it clear that the Advisory Board does not, and will not, review individual grants. The Advisory Board will only carry out those functions set forth in the act, such as recommending overall farm safety and occupational health program priorities and recommending priorities for expenditure of funds for development and implementation of farm safety

and occupational health programs. The Department does not agree with moving this language to the section related to limitations on grant funds. While the Advisory Board's recommendations on funding may effect the number of grants that can be given out under any of the various farm safety and occupational health programs and the overall factors considered when reviewing a grant application, the Advisory Board's function does not directly affect or limit each individual grant application. Therefore, the Department has elected to keep this language in the section related to processing of applications.

In addition, it should be noted that IRRC commented with regard to the related section of the regulations delineating the Farm Safety and Occupational Health Tuition Assistance Program. Section 138i.7(a) included three different topics, was long and potentially confusing and should be broken down into outline form. The Department agreed with that comment and changed the structure of that section. For the sake of consistency and clarity, the Department has followed the same structure or format in the final-form regulations.

*Comment:* IRRC had two comments concerning § 138j.8 of the proposed regulations. Both pertained to clarity. The first comment regarded § 138j.8(a). IRRC commented that to improve the clarity of the sequence of steps involved with review and approval of applications, the Department should move various sections of the proposed regulations. IRRC recommended that § 138j.8 should follow rather than precede what was § 138j.9 of the proposed regulations and immediately precede what was § 138j.10 of the proposed regulations. IRRC's second comment pertained to § 138j.8(b). IRRC commented that this provision followed other sections and subsections related to the approval of applications. IRRC suggested any notice concerning the "completeness" of an application should occur before a final decision and therefore, recommended the subsection should precede provisions concerning the final disposition of applications.

*Response:* The Department agrees with IRRC's first concern regarding the overall placement of § 138j.8 of the proposed regulations. In response, the Department has moved this section in the final-form regulations. Although it remains § 138j.8 in the final-form regulations, it now follows the section relating to review of applications and immediately precedes the section relating to conflict of interest. With regard to IRRC's second comment, the Department does not agree with moving § 138j.8(b). The regulation follows a logical sequence of "process," "review" and "disposition." Section 138j.8(b) sets forth the details regarding how and when a grant applicant will be notified of a denial or a need for additional information. This section and subsection relate to notice. In addition, the Department added § 138j.8(c) to enhance the clarity of the regulations. Section 138j.8(c) sets forth the "notice" provisions with regard to approved grant program applications. This new section contains language establishing the fact that a grant agreement will be mailed to an approved grant program applicant and must be executed by the approved applicant and the Department before grant funds will be released. Therefore, similar language to that effect has been deleted from § 138j.8(a).

*Comment:* IRRC commented with regard to § 138j.11 of the proposed regulations. IRRC commented that grant recipients must submit a final report with documentation of costs, program expenditures and other criteria set forth in § 138j.5(c) of the proposed regulations, § 138j.4(c) of the final-form regulations). IRRC questioned why a recipi-

ent of a grant must retain copies of documents and records for 3 years after the expiration of the grant.

*Response:* The Department requires the retention for audit purposes and in case the copies of the records, documents and receipts contained in the final report and the Department's records are ever questioned or challenged.

*Comment:* IRRC commented with regard to § 138j.12 (relating to right of recovery) of the proposed regulations that the term "used" in the phrase "...grant may be canceled by the Secretary upon a determination that the funds are not being or were not properly used" was not defined and it was unclear as to what the term meant.

*Response:* The Department added language to this section, now § 138j.11 in the final-form regulations, that narrows the scope of what the term "used" could mean. The language of this section now refers to violations of the act, the regulations or the grant agreement and implementation of the project set forth in the grant application.

*Comment:* IRRC commented that § 138j.1 entitled "authority" was unnecessary and should be deleted.

*Response:* The Department agrees with this comment and has deleted § 138j.1 from the final-form regulations.

*Fiscal Impact*

*Commonwealth*

The final-form regulations will impose minimal costs and have minimal fiscal impact upon the Commonwealth, including projected increases in program costs. The Department has an appropriation for use in developing the various Farm Safety and Occupational Health Grant Programs allowed under section 6 of the act. The Secretary, with the advice of the Advisory Board, will determine the amount of funds to allocate to each grant program promulgated under section 6 of the act.

*Political Subdivisions*

The final-form regulations will impose no direct costs and have no fiscal impact upon political subdivisions.

*Private Sector*

The final-form regulations will impose minimal costs on those organizations or individuals who are interested in applying for FSDIP grants. The costs that may be associated with the regulations would involve the time spent to develop and implement the programs for which grant funds are sought and obtain and fill out a grant application. Organizations and individuals receiving grants would benefit by receiving funds to cover costs associated with developing and implementing the farm safety and occupational health programs. The private sector may also benefit through the realization of reduced health care and occupational costs resulting from the educational value, skills learned and technical information presented at the educational and preventative programs developed under and espoused by the act and these regulations.

*General Public*

The final-form regulations will impose no direct costs and have no fiscal impact upon the general public. The farm community and the general public should benefit through the reduction of health care and occupational costs which are likely to result from educational value, skills learned and technical information presented at the educational and preventative programs developed under and espoused by the act and these regulations.

*Paperwork Requirements*

The final-form regulations will not result in an appreciable increase of paperwork. The Department will have to develop a grant application form to administer the FSDIP. However, the administrative provisions of the FSDIP are very similar to the administrative provisions of the FSOH program and the Department has already developed a grant application form and grant agreement for use in administering the FSOH program and has administered that program, under a statement of policy, since 1996.

*Contact Person*

Further information is available by contacting the Department of Agriculture, Farm Safety and Occupation Health Grant Program, 2301 North Cameron Street, Harrisburg, PA 17110-9408, Attn: John Tancelosky, (717) 772-5217.

*Regulatory Review*

Under section 5(a) of the Regulatory Review Act (71 P. S. § 745.5(a)), on January 31, 2000, the Department submitted a copy of the notice of proposed rulemaking, published at 30 Pa.B. 776 (February 12, 2000), to IRRC and to the Chairpersons of the House and Senate Standing Committees on Agriculture and Rural Affairs for review and comment.

Under section 5(c) of the Regulatory Review Act, IRRC and the Committees were provided with copies of all comments received, as well as other documentation. In preparing these final-form regulations, the Department has considered all comments received from IRRC, the Committees and the public.

Under section 5.1(d) of the Regulatory Review Act (71 P. S. § 745.5a(d)), on February 13, 2001, these final-form regulations were deemed approved by the House and Senate Committees. Under section 5.1(e) of the Regulatory Review Act, IRRC met on February 15, 2001, and approved the final-form regulations.

*Findings*

The Department finds that:

(1) Public notice of its intention to adopt the regulations encompassed by this order has been given under sections 201 and 202 of the act of July 31, 1968 (P. L. 769, No. 240) (45 P. S. §§ 1201 and 1202) and the regulations thereunder, 1 Pa. Code §§ 7.1 and 7.2.

(2) A public comment period was provided as required by law and all comments received were considered.

(3) The modifications that were made to these regulations in response to comments received do not enlarge the purpose of the proposed regulations published at 30 Pa.B. 776.

(4) The adoption of these regulations in the manner provided in this order is necessary and appropriate for the administration of the authorizing statute.

*Order*

The Department, acting under authority of the authorizing statute, orders that:

(a) The regulations of the Department, 7 Pa. Code, are amended by adding §§ 138j.1—138j.13 to read as set forth in Annex A.

(b) The Secretary shall submit this order and Annex A to the Office of General Counsel and to the Office of Attorney General for review and approval as to legality and form, as required by law.

(c) The Secretary shall certify this order and Annex A and deposit them with the Legislative Reference Bureau, as required by law.

(d) This order shall take effect upon publication in the *Pennsylvania Bulletin*.

(*Editor's Note:* The proposal to add § 138j.14 included at the proposal at 30 Pa.B. 776 has been withdrawn by the Department.)

SAMUEL E. HAYES, Jr.,  
*Secretary*

(*Editor's Note:* For the text of the order of the Independent Regulatory Review Commission, relating to this document, see 31 Pa.B. 1291 (March 3, 2001).)

**Fiscal Note:** 2-122. (1) General Fund; (2) Implementing Year 1999-00 is \$40,000; (3) 1st Succeeding Year 2000-01 is \$40,000; 2nd Succeeding Year 2001-02 is \$40,000; 3rd Succeeding Year is 2002-03 is \$40,000; 4th Succeeding Year 2003-04 is \$40,000; 5th Succeeding Year 2004-05 is \$40,000; (4) Fiscal Year 1998-99 \$N/A; Fiscal Year 1997-98 \$N/A; Fiscal Year 1996-97 \$N/A; (7) Farm Safety; (8) recommends adoption.

**Annex A****TITLE 7. AGRICULTURE****PART V-C. FARMLAND AND FOREST LAND****CHAPTER 138j. FARM SAFETY AND OCCUPATIONAL HEALTH DEVELOPMENTAL AND INSTRUCTIONAL PROGRAM GRANTS**

Sec.	
138j.1.	Program objectives.
138j.2.	Definitions.
138j.3.	Limitation on grants.
138j.4.	General conditions.
138j.5.	Applications.
138j.6.	Processing of applications.
138j.7.	Review of applications.
138j.8.	Notice of disposition of application.
138j.9.	Conflict of interest.
138j.10.	Recordkeeping.
138j.11.	Grant cancellation.
138j.12.	Right of recovery.
138j.13.	Deficits.

**§ 138j.1. Program objectives.**

(a) *Purpose.* The purpose of the Program is to provide financial assistance to the Pennsylvania Fire Academy, public or private colleges or universities, community colleges, or vocational or technical schools within this Commonwealth, that provide technical courses of instruction in farm safety and occupational health to emergency service providers, farmers, members of farm families, farm laborers and others involved in agricultural production or which develop farm safety and occupational health training programs for implementation by the Department.

(b) *Competitive program.* The Program is competitive. Grant applications and related documents will be collected by the Department and reviewed by the Secretary. Grants will be awarded annually.

(c) *Funds available basis.* Grants will not be awarded unless funds are available.

**§ 138j.2. Definitions.**

The following words and terms, when used in this chapter, have the following meanings, unless the context clearly indicates otherwise:

*Act*—The Farm Safety and Occupational Health Act (3 P. S. §§ 1901—1915).

*Advisory Board*—The Farm Safety and Occupational Health Advisory Board.

*Agricultural production*—The production for commercial purposes of crops, livestock and livestock products. The term includes the processing or retail marketing of the crops, livestock or livestock products if more than 50% of the processed or merchandised products are produced by the farmer.

*Department*—The Department of Agriculture of the Commonwealth.

*Designee*—A person chosen or appointed by the Secretary to carry out the Secretary's duties under this chapter.

*Eligible applicants*—The Pennsylvania Fire Academy, public or private colleges or universities, community colleges or vocational or technical schools within this Commonwealth, that provide technical courses of instruction in farm safety and occupational health to emergency service providers, farmers, members of farm families, farm laborers and others involved in agricultural production or which develop farm safety and occupational health training programs for implementation by the Department.

*Emergency service provider*—An employe, agent, member or officer of a paid or volunteer fire company, ambulance service or rescue squad located in this Commonwealth which is regularly engaged in providing emergency medical care and transportation, fire protection services or rescue services.

*Farm*—Land in this Commonwealth which is being used for agricultural production, including all farm structures, buildings, facilities and farm family residences situated on the land.

*Farmer*—A person who is engaged in agricultural production for commercial purposes.

*Farm laborer*—An individual employed by a farmer in raising, cultivating, fertilizing, seeding, planting, pruning, harvesting, gathering, washing, sorting, weighing or handling, drying, packing, packaging, grading, storing or delivering to market in its unmanufactured state, any agricultural commodity as defined in 3 Pa.C.S. Chapter 45 (relating to agricultural commodities marketing) or a farm product as defined in 1 Pa.C.S. § 1991 (relating to definitions).

*Members of farm family*—Any son, daughter or spouse of a farmer or any lineal relation of the farmer who works on the farm or any collateral relation of the first degree (such as nieces, nephews or grandchildren) who work on the farm.

*Person*—An individual, partnership, corporation, association or other form of business enterprise.

*Program*—The Farm Safety and Occupational Health Developmental and Instructional Program.

*Project*—A course, training, program, activity or event or the development of such, pertaining to farm safety and occupational health programs delineated in the act and this chapter.

*Secretary*—The Secretary of Agriculture of the Commonwealth or a designee.

*Volunteer ambulance services*—A nonprofit chartered corporation, association or organization located in this Commonwealth and which is regularly engaged in the services of providing emergency medical care and transportation of patients.

*Volunteer fire company*—A nonprofit chartered corporation, association or organization located in this Commonwealth which provides fire protection services and other voluntary emergency services within this Commonwealth.

*Volunteer rescue squad*—A nonprofit chartered corporation, association or organization located in this Commonwealth which provides fire protection services and other voluntary emergency services within this Commonwealth.

**§ 138j.3. Limitation on grants.**

(a) *Financial assistance.* The Program will award grants to provide financial assistance of up to \$30,000 to eligible applicants.

(b) *Grant awards.* Eligible applicants may apply for more than one Program grant per year. However, an eligible applicant may not be awarded more than \$30,000 in Program grants in a fiscal year.

(c) *Recipient's use of Program grant funds.* A recipient of a Program grant may only use the funds to cover the costs of the specific project delineated in the recipient's approved grant application and signed grant agreement.

(d) *Eligible projects.* Program grants may be awarded to provide financial assistance for implementation or development of the types of projects in section 4(b) of the act (3 P. S. § 1904(b)) and in this chapter.

(e) *Additional limitations.*

(1) Program grant funds may only be used to provide financial assistance for projects administered within the geographic boundaries of this Commonwealth.

(2) Program grant funds may not be used for or applied to any training, programs, activities, certification or licensing requirements or events pertaining to the Pennsylvania Pesticide Control Act of 1973 (3 P. S. §§ 111.21—111.60) or the regulations pertaining to pesticides in Chapters 128 and 128b (relating to pesticides; and Chemsweep Pesticide Disposal Program) or the statement of policy regarding the Chemsweep Pesticide Disposal Program in Chapter 128a (relating to Chemsweep Pesticide Disposal Program—statement of policy).

**§ 138j.4. General conditions.**

(a) *Grant agreement.* The recipient of a Program grant shall sign a grant agreement setting forth the amount of the grant and other terms and conditions the Department may reasonably require.

(b) *Default.* A recipient of a Program grant who fails to abide by the terms of the grant agreement or the act or this chapter shall be in default. In the event of a default, the Secretary may cancel the grant and seek recovery of the grant funds as set forth in § 138j.12 (relating to right of recovery). The Secretary may waive a default, after consultation with the Advisory Board, in the event of a physical disability suffered by the recipient or as a result of other extenuating circumstances.

(c) *Verification.* Within 3 months of the project completion date specified in the grant agreement, the recipient shall submit to the Department a final report. The final report shall include:

(1) Written receipts, records and any other financial records or documents evidencing the project's costs.

(2) Pertinent documentation (such as course syllabi, schedules, attendance records and speaker profiles) evidencing the course's content.

(3) A narrative report stating the project objectives and setting forth what objectives were accomplished and the methods used to accomplish the stated objectives.



(d) *Failure to verify.* If a fully completed final report containing the required receipts, records, documentation and narrative is not submitted within the 3-month period or a portion of the grant proceeds are not accounted for, the Secretary may demand the recipient repay the entire amount of the grant or a lesser amount. The demand will be made in writing and delineate the deficiencies in the verification documents. The recipient shall have 30 days, from the receipt of written notice, to remedy the stated deficiencies or payment shall be due within 60 days of the written demand.

#### § 138j.5. Applications.

(a) *Eligible applicants.* Only eligible applicants may submit a grant application to the Department.

(b) *Grant application requirements.* An application for a Program grant will not be considered by the Secretary unless the following items are attached:

(1) A detailed description of the project, including objectives, goals and materials to be funded by the grant.

(2) A reasonable and accurate statement of the estimated cost of the project. The statement shall include a separate breakdown of the personnel portion of the costs, the materials portion of the costs and any other necessary or anticipated costs associated with the project. The applicant shall provide any documentation or financial statements available to support the estimated project costs.

(3) A statement regarding the amount of tuition to be charged for the courses.

(4) Information regarding the breadth of the project, including the individuals or groups to be served by the project and the geographic area to be served by the project.

(5) Information regarding the skills, knowledge or experience to be gained from the project.

(6) Documentation regarding the name and location of the applicant administering the project.

(7) A copy of the official organization board minutes when action was taken on the project or a signed statement attesting to the applicant's commitment to the project.

(8) A biographical sketch of the primary persons involved in the project which indicates skills, knowledge, training and prior experience of the persons developing or administering, or both, the project.

(c) *Obtaining an application and assistance.* An application for a grant under this chapter shall be made on a form prepared by the Department. For applications and for assistance, contact the Farm Safety and Occupational Health Grant Program, Department of Agriculture, 2301 North Cameron Street, Harrisburg, Pennsylvania 17110.

(d) *Additional information.* The Secretary may require an applicant to submit additional documentation as may be reasonably necessary to complete, verify or clarify the application.

(e) *Application deadline.* Applications for grants under this chapter shall be submitted to the Department by October 31 of each year.

#### § 138j.6. Processing of applications.

(a) *Approval or denial.* The Secretary will approve, approve with special conditions or reject grant applications and issue grants in accordance with the general considerations and criteria of the act and this chapter.

The Secretary may exercise judgment in approving grant applications and in determining the distribution of grants so that the widest possible audience becomes acquainted with farm safety and occupational health practices and techniques espoused by the act and this chapter. The Secretary may impose restrictions or special conditions upon the issuance of a grant.

(b) *Processing.* An application for a Program grant shall be processed in the following manner:

(1) *Completeness and accuracy.* Upon receipt of an application for a Program grant and the required supporting documentation, the Secretary will review this information for completeness and accuracy.

(2) *Complete and accurate applications.* Applications containing the required information and supporting documentation will be reviewed in accordance with the criteria in the act and this chapter and accepted, accepted with special conditions or rejected. Grant applicants will be notified in writing as set forth in § 138j.8(a) (relating to notice of disposition of applications).

(3) *Incomplete or inaccurate applications.* If the Secretary determines an application is incomplete or inaccurate, final processing of the application may be discontinued or additional data may be requested. If additional data is requested, the request shall be in writing as set forth in § 138j.8(b) and will be sent to the address listed on the grant application. The processing of the application will cease until the applicant supplies the requested data. The Secretary will terminate the processing of an incomplete application when the additional data requested is not supplied within 10 days of the request for the data.

(c) *Advisory Board.* The Advisory Board, as required under sections 3(g)(2) and 4(c) of the act (3 P. S. §§ 1903(g)(2) and 1904(c)), shall recommend overall priorities for each grant program to the Secretary. Additionally, the Advisory Board, as required by section 3(g)(3) of the act, shall recommend the amount of funds to be allocated to each grant program. The Advisory Board has no authority to and will not review individual grant applications or have input into individual grant awards.

#### § 138j.7. Review of applications.

(a) *Evaluation.* The Secretary will evaluate an application based on the applicant's eligibility and grant application requirements, as well as the factors set forth in the act and this chapter.

(b) *Grant application completeness.* An application for a Program grant will not be considered by the Secretary unless it contains the required information and items as set forth in § 138j.5(b) (relating to applications).

(c) *Factors.* Factors to be considered by the Secretary in selecting grant recipients include the following:

(1) The relevance of the project to farm safety or rural health issues.

(2) The innovativeness of the project.

(3) The effect the project will have on hazard elimination.

(4) The scope and duration of the project and how it relates to program components in section 4(b) of the act (3 P. S. § 1904(b)).

(5) The number and type of people or groups who will be affected by the project. A project which involves a wide range of age groups, encourages cooperation between existing community groups and organizations and pro-

vides incentives for new groups or organizations to become involved in farm safety and occupational health programs and training will be given priority.

(6) The impact of and the value and benefits bestowed upon the agricultural community by the project.

(7) The continual and progressive nature of the project and the benefits and knowledge to be gained therefrom.

(8) The value to the emergency providers.

(9) Whether the applicant has been the recipient of a Program grant within the same year.

(10) The availability of funding to the applicant from a source other than the Program.

(11) The willingness of the applicant to make in-kind or financial, or both, contributions to the project.

(12) The amount of tuition the applicant intends to charge for the courses.

(13) The priorities as the Secretary, in consultation with the Advisory Board, sets in accordance with section 4(c) of the act (3 P. S. § 1904(c)).

**§ 138j.8. Notice of disposition of application.**

(a) *Applications deemed complete.* The Secretary will notify grant applicants within 30 days of receipt of their completed grant application of a decision to approve, approve with special conditions or reject the grant application. This notice will be sent by regular mail to the address indicated by the applicant on the grant application.

(b) *Applications deemed incomplete or inaccurate.* Within 30 days of receipt of a grant application, the Secretary will notify the applicant of a decision to reject the grant application or notify the applicant of a deficiency in the grant application and request additional data. If additional data is requested, notification shall be in writing and detail the additional data needed. The Secretary will follow the action prescribed in § 138j.6(b)(3) (relating to processing of applications).

(c) *Approved applications.* Applicants approved for a Program grant will receive a grant agreement which shall be executed by the recipient and the Department prior to the release of funds. Grant money shall be spent by the grant recipient within the time period specified in the grant agreement unless an extension is granted, in writing, by the Secretary. A request for an extension shall be in writing, state the reason the extension is needed and shall be sent to the address in § 138j.5(c) (relating to applications). Failure to spend the grant funds within the specified time period shall constitute a default on the part of the grant recipient. The Secretary may cancel the grant and seek recovery of the grant funds as set forth in §§ 138j.11 and 138j.12 (relating to grant cancellation; and right of recovery).

**§ 138j.9. Conflict of interest.**

A member of the Advisory Board may apply for a grant provided all decisions regarding the grant application are subject to 65 Pa.C.S. § 1103(j) (relating to restricted activities) and the action does not violate the State Adverse Interest Act (71 P. S. §§ 776.1—776.9), or 4 Pa. Code Chapter 7, Subchapter K (relating to code of conduct for appointed officials and state employees).

**§ 138j.10. Recordkeeping.**

A Program grant recipient shall maintain all books, records, receipts, supporting documents, financial statements, final reports and other documents pertaining to the project, the project costs and the Program grant. These records shall be retained for 3 years beginning at the end of the grant year. The books, records, receipts, supporting documents, financial statements, final reports and other documents shall be maintained according to generally accepted accounting principles. The records shall be made available to the Department or its agent upon request.

**§ 138j.11. Grant cancellation.**

A Program grant may be canceled by the Secretary upon a determination that the grant recipient has violated the act, this chapter or the grant agreement, the grant funds or any portion thereof are not being or were not utilized or spent in the manner delineated in the grantee's approved grant application or were not used to implement the project set forth in the grantee's approved grant application. In addition, a Program grant may be canceled upon failure of the recipient to satisfy the verification requirements of this chapter. Upon cancellation the Secretary may seek recovery of the grant funds or any portion thereof as delineated in § 138j.12 (relating to right of recovery).

**§ 138j.12. Right of recovery.**

The Department has the right to make a claim for and receive from the grant recipient grant funds not expended in accordance with the act, the grant agreement or this chapter, and may demand the return of the grant sum, or a portion thereof, plus legal interest thereon.

**§ 138j.13. Deficits.**

The Department's financial obligation is limited to the amount of the grant. The Department is not responsible for funding any cost overruns incurred by the grant recipient.

[Pa.B. Doc. No. 01-678. Filed for public inspection April 20, 2001, 9:00 a.m.]

# PROPOSED RULEMAKING

## DEPARTMENT OF HEALTH

[4 PA. CODE CH. 259]

[28 PA. CODE CHS. 701 AND 703]

### Drug and Alcohol Facilities and Services— Standards for Approval of Prevention and Intervention Activities

The Department of Health (Department) proposes to delete 4 Pa. Code Chapter 259 and 28 Pa. Code § 701.13 and Chapter 713 (relating to prevention and training; contact person; and standards for approval of prevention and intervention activities) and amend § 701.1 (relating to general definitions) under the authority of the Pennsylvania Drug and Alcohol Abuse Control Act (71 P.S. §§ 1690.101—1690.115) (Act 63), Reorganization Plan No. 2 of 1977 (71 P.S. § 751-25) and Reorganization Plan No. 4 of 1981 (71 P.S. § 751-31). The portions being deleted include the regulations relating to prevention activities in 4 Pa. Code and regulations relating to education, information and alternative activities in 28 Pa. Code to read as set forth in Annex A. The regulations being deleted pertain to standards for approval of drug and alcohol abuse prevention and intervention activities. These activities are generically referred to as prevention activities.

#### A. Purpose of the Proposed Rulemaking

The purpose of this proposed rulemaking is to delete the regulations relating to approval of prevention and intervention activities. A key benefit of this proposed rulemaking is that Department staff and other limited resources will no longer need to review prevention and intervention activities and, therefore, may be directed toward oversight of entities providing substance abuse treatment services. This rescission will increase the efficiency of the Division of Drug and Alcohol Program Licensure and allow for better regulatory oversight of the substance abuse treatment delivery system. It will also result in the redirection of State government efforts from general prevention activities to specific treatment activities to ensure the safe and effective delivery of substance abuse treatment services.

The Department is proposing to delete these regulations because regulation of the substance abuse service delivery system has changed significantly over the past few years. More changes are predicted in the coming years based on current plans to change the health care delivery system at both the State and Federal levels. Even now, much is being done in the field of substance abuse prevention which does not fit within the current definitions of prevention activities, and hence, are not regulated, but yet which are completely appropriate and relevant prevention activities. Further, much of what is defined and regulated is no longer being conducted due to the evolving nature of drug and alcohol abuse prevention services.

To better address the needs of the substance abuse service delivery system and maximize existing resources, it is necessary to modify regulatory oversight and cease the approval of prevention activities. This elimination will reduce the overload on survey staff resources and enable the Department to focus its attention on the oversight of activities which actually provide treatment to the substance abusing client.

The activities that the Department will cease approving do not provide treatment to clients. The Department's resources will be better used by focusing on activities by which specific substance abuse treatment services are being provided. Prevention activities and services generally provide to the general population and special high risk groups only information regarding the nature and extent of alcohol and other drug abuse and addictions and their effects on individuals, families and communities. Currently, the Department approves approximately 100 prevention activities.

#### B. Requirements of the Proposed Rulemaking

The following provisions would be deleted:

1. 4 Pa. Code Part XI (relating to Governor's Council on Drug and Alcohol Abuse).

Chapter 259 would be deleted. These sections deal with the prevention activities in 28 Pa. Code which are proposed to be deleted.

2. 28 Pa. Code Part V (relating to drug and alcohol facilities and services). The definitions relating to prevention activities in § 701.1 would be deleted. Chapter 713 would be deleted in its entirety.

#### C. Affected Persons

The proposed rulemaking will become effective upon publication of final-form rulemaking. At that time, there will no longer be any regulations governing the activities to which the regulations applied. Thus, approvals for prevention activities addressed in the affected regulations will expire at the time of the publication of these regulations in final-form. Further, no new prevention activities will be approved as of the effective date of the final-form regulations. The lack of any Department approval, however, will not prohibit the continuation of these activities. They will merely no longer be licensed or approved by the Department.

#### D. Fiscal Impact

The deletion of the standards for approval of drug and alcohol abuse prevention and intervention activities will have no measurable fiscal impact on the Commonwealth, local government, the private sector or the general public.

#### E. Cost and Paperwork Estimate

There will be neither additional costs nor additional paperwork to the Commonwealth, local governments or the private sector resulting from the deletion of these regulations.

#### F. Effective Date/Sunset Date

The deletion of the relevant portions of 4 Pa. Code and 28 Pa. Code will be effective upon final publication in the *Pennsylvania Bulletin*. No sunset date is necessary.

#### G. Statutory Authority

The Department was authorized by the General Assembly under Reorganization Plan No. 2 of 1977, Reorganization Plan No. 4 of 1981 and amendments to Act 63 to assume the functions and responsibilities of the Governor's Council on Drug and Alcohol Abuse (Council). The Council's authority to regulate and promulgate rules and regulations was transferred to the Department through those reorganization plans. See Reorganization Plan No. 2 of 1977 (transferring duties under the Public Welfare Code with regard to regulation, supervision and licensing of drug and alcohol facilities to the Council), Reorganiza-

tion Plan No. 4 of 1981 (transferring the functions of the Council to the Department and establishing the Council as an advisory council) and the 1985 Amendments to Act 63 as amended by the act of December 20, 1985 (P. L. 529, No. 119) (amending Act 63 to reference the Pennsylvania Advisory Council on Drug and Alcohol Abuse (Advisory Council)).

H. *Regulatory Review*

Under section 5(a) of the Regulatory Review Act (71 P. S. § 745.5(a)), on April 11, 2001, the Department submitted a copy of the proposed rulemaking to the Independent Regulatory Review Commission (IRRC) and to the Chairpersons of the House Committee on Health and Human Services and the Senate Committee on Public Health and Welfare. In addition to submitting the proposed rulemaking, the Department has provided IRRC and the Committees with a copy of a detailed Regulatory Analysis Form prepared by the Department in compliance with Executive Order 1996-1, "Regulatory Review and Promulgation." A copy of this material is available to the public upon request.

Under section 5(g) of the Regulatory Review Act, if IRRC has any objections to any portion of the proposed rulemaking, it will notify the Department within 10 days of the close of the Committees' review period. The notification shall specify the regulatory review criteria which have not been met. The Regulatory Review Act specifies detailed procedures for review, prior to final publication of the regulations, by the Department, the General Assembly and the Governor, of objections raised.

I. *Contact Person*

Interested persons are invited to submit all questions, comments, suggestions or objections in writing regarding the proposed rulemaking to John C. Hair, Director, Bureau of Community Program Licensure and Certification, 132 Kline Plaza, Suite A, Harrisburg, PA 17104, (717) 783-8665, within 30 days after publication of this notice in the *Pennsylvania Bulletin*. Persons with a disability who wish to submit questions regarding the proposed rulemaking may do so by using V/TT (717) 783-6514 for speech and/or hearing impaired persons or the Pennsylvania AT&T Relay Service at (800) 654-5984[TT]. Persons who require an alternative format of this document may contact John Hair so that necessary arrangements may be made.

ROBERT S. ZIMMERMAN, Jr.,  
*Secretary*

**Fiscal Note:** 10-164. No fiscal impact; (8) recommends adoption.

**Annex A**

**TITLE 4. ADMINISTRATION**

**PART XI. GOVERNOR'S COUNCIL ON DRUG AND ALCOHOL ABUSE**

**CHAPTER 259. [ PREVENTION AND TRAINING ] (Reserved)**

*(Editor's Note:* As part of this proposed rulemaking, the Department is proposing to delete the text of Chapter 259 which appears at 4 Pa. Code pages 259-1 and 259-2, serial pages (235169) and (235170).)

§ 259.1. (Reserved).

§ 259.2. (Reserved).

**TITLE 28. HEALTH AND SAFETY**

**PART V. DRUG AND ALCOHOL FACILITIES AND SERVICES**

**CHAPTER 701. GENERAL DEFINITIONS**

**Subchapter A. DEFINITIONS**

§ 701.1. **General definitions.**

The following words and terms, when used in this part, have the following meanings, unless the context clearly indicates otherwise:

[ *Alternative activity*—The provision of work-oriented, recreational, and other experiences to fill the physical, emotional, social, and spiritual needs of the individual, family, and community. ]

\* \* \* \* \*

[ *Certificate of approval*—A certificate which indicates that the Department has found a prevention/intervention activity to be in full or substantial compliance with standards established under this part. ]

\* \* \* \* \*

[ *Education/information activity*—The provision of activities and factual data aimed at the development of decision-making skills, goal setting, values awareness and clarification, personal motivation, meaning and purpose, and development of communication and interpersonal skills to increase knowledge and understanding about drugs and alcohol and their effect. ]

\* \* \* \* \*

[ *Prevention level*—Planned strategies designed to preclude or reduce those uses of drugs and alcohol which have a negative impact on the individual, the family, and the larger society. Negative impact includes the physical, mental, or social consequences which result in the reduction of optimum functioning at home, in school, at work, or in the community. Research and experience have shown that an approach to prevention which promotes positive behaviors is defined as that which includes increased self-understanding, improved interpersonal and human relations skills, enhanced ability to relate to social institutions, and effective coping behaviors to deal with stress. Prevention activities are targeted at the total population with emphasis on delivery of those services prior to the manifestation of inappropriate behaviors. Prevention activities can be delivered through schools, media, family or community agencies, and groups. ]

\* \* \* \* \*

§ 701.13. [ *Contact person* ] (Reserved).

[ Questions concerning this part should be directed to the Office of Policy and Planning, Office of Drug and Alcohol Programs, Department of Health, Health and Welfare Building, Harrisburg, Pennsylvania 17120. ]

**CHAPTER 713. [ STANDARDS FOR APPROVAL OF  
PREVENTION AND INTERVENTION ACTIVITIES ]  
(Reserved)**

*(Editor's Note: As part of this proposed rulemaking, the Department is proposing to delete the text of Chapter 713, which appears at 28 Pa. Code pages 713-1—713-10, serial pages (238471) to (238480).)*

**§§ 713.1—713.5. (Reserved)**

**§§ 713.11—713.18. (Reserved)**

**§§ 713.21—713.29. (Reserved)**

**§§ 713.41—713.43. (Reserved)**

[Pa.B. Doc. No. 01-679. Filed for public inspection April 20, 2001, 9:00 a.m.]

**[28 PA. CODE CH. 27]**

**Reporting of AIDS, HIV Test Results, CD4  
T-Lymphocyte Counts and Perinatal Exposure of  
Newborns to HIV**

The Department of Health (Department), with the approval of the Advisory Health Board (Board), proposes to amend Chapter 27 (relating to communicable and noncommunicable diseases). The proposed amendments are to read as set forth in Annex A.

*A. Purpose of the Proposed Amendments*

The Department is proposing regulations which would require name reporting of individuals: (1) who have had positive test results established from any test approved by the Food and Drug Administration (FDA) to establish the presence of the Human Immunodeficiency Virus (HIV); (2) who have low CD4 T-lymphocyte cell counts as described in this Preamble; and (3) who are pregnant women who have had positive HIV test results and whose newborns have been perinatally exposed to HIV. The Department also proposes to clarify that cases of Acquired Immune Deficiency Syndrome (AIDS) are reportable based on the case definition of the Centers for Disease Prevention and Control (CDC). These reports would include presumptive diagnoses of AIDS based on the presence of an AIDS defining illness (for example, Kaposi's sarcoma) with laboratory confirmation of HIV.

The Department's decision to propose amendments requiring reporting of these test results and conditions by name is based on the recommendations of the CDC for reporting HIV infection and AIDS. See MMWR 1999; 48 (No. RR 13) "Guidelines for Human Immunodeficiency Virus case surveillance, including monitoring for HIV infection and AIDS" (Guidelines, p. 12). It is also consistent with the Department's requirements for the 52 other diseases and conditions (including AIDS, which is reportable by name), currently reportable in this Commonwealth. The Commonwealth would join 34 states that require confidential name-based reporting for HIV infection. The Ryan White CARE Act (42 U.S.C.A. §§ 300ff-21—300ff-37), one of the Department's primary funding streams for HIV services, requires the inclusion of HIV incidence data in determining the funding formula for State grants. Having accurate data obtained through name reporting will help assure that the Department receives the full funding to which it is entitled.

Collecting this data systematically would provide the Department with the most accurate picture of the prevalence of HIV/AIDS. This will enhance the Department's

ability to develop, implement and evaluate community-based public health interventions for HIV-infected persons and at-risk partners. The proposed information will also provide the Department and local health departments with enhanced opportunities to provide case management services for HIV-infected persons and their at-risk partners. These services include helping assure that HIV-infected persons are linked into appropriate community-based medical and social service support systems, including partner notification services, thus helping slow the progression of HIV infection to life-threatening AIDS and preventing the further spread of disease.

*Background*

HIV is a virus transmitted by sexual exposure or exposure to blood or tissue of an infected person. HIV replicates itself within the infected person continuously during the lifetime of the infection, and, in the process, kills white blood cells called CD4 T-lymphocytes. Damage to the immune system occurs because the T-lymphocyte cell count within the body of an infected individual eventually falls below a critical level. The critical level is the point at which the CD4 T-lymphocyte count falls to less than 200 of these cells per 1 microliter of blood, or the CD4 T-lymphocyte percentage of all lymphocytes falls below 14%. At that point, the individual will almost always lose immune response capabilities and become increasingly susceptible to infection by disease. The late clinical stage of infection with HIV is called AIDS. During the AIDS phase there is progressive damage to the immune and other organ systems, including the central nervous system. HIV infection is generally fatal. There is no vaccination and no cure for HIV infection, although drug therapies have been developed which, when taken appropriately, slow the progression of the disease from HIV to AIDS in many persons.

The seriousness of the HIV/AIDS epidemic should not be underestimated. Because HIV can be spread by individuals who are infected, but do not appear to be ill in any way, and because it is spread, in part, through consensual acts including unprotected sexual intercourse or intravenous needle sharing, controlling the spread of the disease requires active public health measures. Public health efforts to control the disease include encouraging individuals engaging in or subject to behavior which would create a risk of infection to be tested and counseling them, as well as their needle sharing or sexual partners, about how to change risky behavior. Counseling of persons who are to be tested for HIV infection regarding risk behaviors is required in this Commonwealth in an effort to educate those persons regarding the danger of continuing to engage in behavior that could put them and others at risk for contracting HIV. See the Confidentiality of HIV-Related Information Act (35 P. S. §§ 7601—7612) (Act 148). Active public health measures also include finding infected individuals, recommending testing and counseling, and offering assistance to private sector providers who may be unaware of the services available to HIV infected patients, or who may have limited experience in dealing with this particular infection.

*New and Clarified Reporting Requirements*

*AIDS defined by the CDC Case Definition*

The Department is proposing to clarify that the definition of "AIDS" is the CDC case definition. The CDC's case definition for "AIDS," simply put, includes the presence of HIV infection plus one of several specified infections, conditions or diseases. Each of the specified infections is an AIDS defining illness. The Department expects the reporting of AIDS in accordance with this case definition.

*Positive HIV Diagnostic Test Results*

The Department is proposing to require reporting of positive test results of any test approved by the Food and Drug Administration (FDA) to establish the presence of HIV, including serologic, virologic, nucleic acid (DNA or RNA) or other tests the FDA may approve for that purpose. The HIV test results that the Department is proposing be reported are not preliminary inconclusive HIV tests. Rather, they are either considered to be confirmatory of the presence of HIV, or so reliable that further confirmatory testing is unnecessary. This is in accord with Act 148, which states that no test shall be considered to be positive, and no positive result shall be revealed, without confirmatory testing if that testing is required by generally accepted medical standards. See section 5(c) of Act 148 (35 P. S. § 7605(c)).

*CD4 T-Lymphocyte Counts of Less than 200 Cells per Microliter of Blood or T-Lymphocyte Percentage of Less than 14% of Total Lymphocytes*

The Department is also proposing reporting of a CD4 T-lymphocyte count of less than 200 cells per microliter or a CD4 T-lymphocyte percentage of total lymphocytes of less than 14%. The Department intends to use the reporting of CD4 T-lymphocyte results to enable it to find cases of HIV and AIDS that might not otherwise be reported. For example, a physician could choose to order a CD4 T-lymphocyte count on an individual and not an HIV test. A low CD4 T-lymphocyte count could be indicative of a suppressed immune system for reasons other than HIV infection. Cancer, for example, could lead to a low CD4 T-lymphocyte count. The Department and local health departments would take this information and, depending upon the circumstances of the case, contact the provider to ask whether that provider has considered ordering an HIV test for the individual in question. Determining that the patient has HIV may cause the provider to refer the individual for more specialized treatment, or enable the provider to offer the individual the opportunity to begin treatment for the disease.

As of January 1, 2001, 27 states required CD4 T-lymphocyte reporting, including New York, New Jersey and Texas. In this Commonwealth, Philadelphia has also instituted a program for reporting CD4 T-lymphocyte counts below a certain level. In New Jersey and Texas, approximately 60% to 70% of CD4 T-lymphocyte reports result in the finding of HIV cases. In California, which also requires CD4 T-lymphocyte reporting, although it does not currently have a requirement that makes HIV reportable, approximately 90% to 95% of reported CD4 T-lymphocyte reports result in HIV and AIDS case finding.

The Department is proposing that both laboratories and providers be required to report CD4 T-lymphocyte test results. The Department would be able to analyze the data obtained through these reports and make determinations about what types of treatment are effective in arresting disease. That information could be shared with the provider community in this Commonwealth.

Requiring reporting of low CD4 T-lymphocyte counts, which reveals dangerous levels of immunodeficiency in the population, fulfills a public health function. Increased incidence of compromised immune systems in a population as shown by low CD4 T-lymphocyte counts in that population could be indicative of problems in addition to HIV, and could necessitate a public health intervention that focuses on more than HIV infection. For example, a continual decrease in CD4 T-lymphocyte levels could be

connected to an increasing incidence of tuberculosis, sexually transmitted diseases and other infections.

*Perinatal Exposure of a Newborn to HIV*

Newborn infants can be infected with HIV if it is passed to them during pregnancy by an infected mother. The Council of State and Territorial Epidemiologists (CSTE) and the American Academy of Pediatrics have recommended that states and territories conduct pediatric HIV surveillance that includes perinatally exposed infants. The CDC and CSTE recommend reporting of perinatal exposure to HIV. (Guidelines, p. 11). The CDC notes in its Guidelines that states with confidential name-based surveillance systems have used data on children perinatally exposed to HIV to track the trend of the epidemic in that population. Information these states have collected includes information used to document the sharp decline in perinatally acquired HIV infection in those states, the increase in proportion of infected pregnant women who have been tested before delivery and the high proportion of these women who have accepted treatment before giving birth. (Guidelines, p. 5).

Requiring reporting of the perinatal exposure of newborns to HIV would enable the Department and local health departments to follow up on children known to be exposed to HIV at birth and to ensure that the child and mother are linked to a provider, in case the child is infected with HIV. A child born to a mother infected with HIV will have antibodies to HIV, since the baby will have its mother's antibodies to the virus. However, not all babies born to infected mothers are actually infected with HIV. The departments would be able to follow the child to recommend additional testing to determine whether or not the child is HIV-positive following delivery, and to aid in the referral of that mother and child for treatment.

*Reporting Process*

Under the Department's proposed amendments, reports of these four conditions would be made by providers to one of the local morbidity reporting offices (LMROs), which consist of the Department's six district offices and the ten county or municipal health departments (local health departments). The provider would make the report to the LMRO with responsibility for the geographic area in which the patient was provided testing services or diagnosed with AIDS.

This differs from the Department's proposed requirement that laboratories report directly to the Department. See proposed amendments to § 27.22 (relating to reporting laboratory results indicative of certain infections or conditions). From the standpoint of efficiency, the requirement would provide the information to enable and expedite case tracking and other services by the local health departments and Department staff that do the actual case investigation and follow-up, and assist in counseling, referral and partner notification.

*Laboratory Reporting*

The Department has been encouraging electronic reporting to one location by laboratories because many of the laboratory's reports could be reports of repeat tests. Providers will often order repeat CD4 T-lymphocyte tests for purposes of clinical patient care management and disease progression monitoring. Patients may also visit more than one provider and be tested multiple times. The laboratory has no way of knowing whether a test is the initial test a provider orders on a patient or a repeat test, or a test ordered by a second provider. The Department has software to electronically match information in those reports with information from reports it already received

and placed in its Statewide reporting databases. The Department can then identify multiple reports on the same individual and consolidate unduplicated useful information in one case record. Local health departments and the Department's district offices do not now have this capability.

#### *Provider Reporting*

The Department is proposing to require reporting by physicians, hospitals and other persons and entities, diagnosing AIDS, or providing or receiving reportable HIV or CD4 T-lymphocyte test results. This will undoubtedly generate multiple reports on the same case from various providers and laboratories, as has been discussed. However, the Department does not want possible reporters to self-censor, based on their assumption that another person will make the report. That could lead to under-reporting and jeopardize the ability of the public health system to positively impact the health of infected individuals and their contacts. If the departments are unaware of cases, they will be unable to offer or provide counseling and referral information services to the providers who treated those cases.

Reports being received by LMROs from providers of the diseases and conditions addressed in these proposed amendments would be handled in the same manner as reports of other reportable diseases are currently processed by the Department and local health departments on a local level, with the exception that the Department intends to require that providers as well as laboratories begin to report electronically. As with laboratories, the Department will provide providers with the necessary software package, and make available training on its use.

Once a provider makes a report to the LMRO, that report would be entered into the local database, and matches would be done by the LMRO against local data to eliminate any data on an individual that may be redundant due to an earlier report. For purposes of confidentiality, a LMRO will only have access to reports of cases from that LMRO's jurisdiction. This data would then be transferred to the Department electronically. The Department would then perform a Statewide match of the information against data included in its Statewide data banks. The information would be returned to the LMRO with any additional information the Department may be able to add to it for case investigation, if necessary. This type of match cannot be done exclusively at a county level, since it would not result in the purging of duplicate results collected Statewide. This needs to be done by a single entity having access to Statewide information for the most effective results. Further, performing this type of match at the State level would ensure that the only information sent to the local health departments or district offices by the Department for purposes of follow-up with providers would be a unique report, so that staff do not waste time and resources reinvestigating a previously reported case.

Once the case investigation is concluded, the information would be returned to the Department by the LMRO. Following review by the Department, the information would be sent, with identifying information purged, to the CDC for National comparisons.

#### *Dual Reporting*

A "dual pathway" of reporting, with reports transmitted by both providers and laboratories, is not unique to this Commonwealth. It is the National standard for ensuring completeness of reports in active case investigation for HIV/AIDS, and is utilized in most high and moderate

morbidity states comparable to this Commonwealth. Ideally, the diagnosing provider should make the initial case report. Through the identification of providers in laboratory reports, the Department is able to contact providers and obtain from them a completed case report on a particular patient whose test result has been reported to the Department by a laboratory, but for whom no report has been made by the provider. This approach is consistent with the CDC and with protocols in other states.

#### *Confidentiality*

Like all information reported to the Department under the Disease Prevention and Control Law of 1955 (35 P. S. §§ 521.1—521.21) (act), the confidentiality of the information reported under these proposed regulations would be strictly maintained by the Department and local health departments. The act prohibits the Department from releasing information secured under the statute, even in the face of a subpoena, with few exceptions. Section 15 of the act (35 P. S. § 521.15) provides as follows:

State and local health authorities may not disclose reports of diseases, any records maintained as a result of any action taken in consequence of such reports, or any other records maintained pursuant to this act or any regulations, to any person who is not a member of the department or a local board or department of health, except where necessary to carry out the purpose of the act.

The Supreme Court of the Commonwealth has stated that the purpose of the act is to aid the Department and local health departments to prevent and control the spread of disease. See *Commonwealth v. Moore*, 584 A.2d 936, 940 (Pa. 1991). In *Moore*, the Supreme Court held that release of information collected under the act to aid a criminal prosecution did not carry out the purpose of the act. The Department may disclose aggregate information on disease cases for research purposes, but will only do so without including case-identifying information.

The Department will disclose identifying information with a valid consent from the subject whose information is being requested. In the case of HIV and AIDS-related information, that consent would need to comply with the requirements of section 7 of Act 148 (35 P. S. § 7607). Under Act 148, information may not be released by any person who has obtained the HIV-related information in the course of providing a health or social service, except in two instances. First, confidential HIV-related information may be released without written consent if the person to whom the release is being made fits within one of twelve categories of persons specifically listed in Act 148. Release to another person requires a very specific written consent. Secondly, the subject of the information may consent to its release. See section 7(a) of Act 148. The consent, however, must include specific requirements listed in Act 148, including a specified time or event upon which the consent is revoked (see section 7(c) of Act 148), and a statement prohibiting redisclosure unless redisclosure is made in accordance with that act. See section 7(e) of Act 148. A general authorization for the release of medical or other information is not sufficient for the purposes of Act 148. *Id.*

The Department takes its responsibilities to maintain confidentiality very seriously. The decision to release information would not be made without serious discussion at every relevant level of the Department.

Because the Department and local health departments take the responsibility to protect the information reported under the act very seriously, it has, on several occasions,

engaged in litigation in State and Federal court rather than release information reported under the act. The Department will treat the information that would be reported under these proposed regulations no less carefully than the information it currently protects.

## B. Requirements of the Proposed Rulemaking

### Subchapter A. General Provisions

#### Section 27.1. Definitions.

The Department is proposing to add several definitions to this section. The Department would add acronyms for "CDC" and "FDA" so that the acronyms may be used throughout the regulations and readers would understand what they refer to. The Department would define "district office," "LMRO—local morbidity reporting office" and "local health department" so that when these terms are used in the regulations it will be clear to which health authority the person required to report is to make the report.

The Department is also proposing to add a definition for "perinatal exposure of a newborn to HIV." The Department is proposing to define this reporting requirement so that it is clear that a report should be made if there is any risk to the fetus during any part of pregnancy, regardless of the final outcome of the pregnancy or the final serostatus of the newborn if the pregnancy results in a live birth. This definition would result in more complete reporting of perinatal exposure and also enable the Department to monitor potential adverse effects among women who may have received prenatal preventive antiretroviral treatment including both those who have livebirths, and those who have not carried their pregnancies to full term.

#### Section 27.2. Reportable diseases.

The Department is proposing to add HIV, CD4 T-lymphocyte test results with counts less than 200 cells/ $\mu$ L or less than 14% of total lymphocytes, and perinatal exposure of newborns to HIV to the general list of diseases and conditions required to be reported within this Commonwealth. The Department is proposing to clarify that AIDS is to be reported as defined by the CDC case definition. These requirements would be effective as of January 1, 2002. The Department has already discussed the need for the reporting of these test results and conditions.

This section does not address the type of information needed regarding HIV infection to trigger a reporting responsibility. The Department proposes to address that matter in § 27.22 (relating to reporting results indicative of certain infections or conditions by laboratories) and § 27.32 (relating to reporting AIDS, HIV, CD4 T-lymphocyte counts, and perinatal exposure of newborns to HIV by physicians, hospitals, persons or entities, who diagnose AIDS or who receive or provide HIV and CD4 T-lymphocyte test results).

### Subchapter B. Reporting of Diseases

#### Section 27.21. Physicians who treat patients with reportable diseases including tuberculosis.

The Department is proposing to delete subsection (e) of this section as redundant, since the Department is proposing that all AIDS reporting requirements, including those for physicians, be included in proposed § 27.32 (relating to reporting AIDS), which would be amended and retitled "Reporting AIDS, HIV, CD4 T-lymphocyte counts, and perinatal exposure of newborns to HIV by

physicians, hospitals, persons or entities, who diagnose AIDS or who receive or provide HIV and CD4 T-lymphocyte test results."

#### Section 27.22. Reporting results indicative of certain infections or conditions by laboratories.

This section addresses the reporting responsibilities of laboratories. Subsection (a) specifies the circumstances under which a laboratory has a duty to report. The Department is proposing to amend subsection (a) to add virologic and nucleic acid (DNA or RNA) to the description of the types of testing information that is reportable. The Department would also replace the word "examination" in this subsection with the word "test," a more accurate term.

The Department is proposing to amend subsection (b) to require laboratories to report CD4 T-lymphocyte test results with counts less than 200 cells/ $\mu$ L or a CD4 T-lymphocyte percentage of total lymphocytes that is less than 14%. The Department is also proposing to amend subsection (b) to require laboratories to report HIV. Under the proposed amendments to § 27.2, neither a low CD4 T-lymphocyte count nor HIV infection would be reportable by laboratories until January 1, 2002. The type of information to be included in these reports would be specified in subsections (c) and (d). Subsection (d)(5) would clarify that laboratories are to report HIV infection only when the laboratory secures positive results on a test approved by the FDA to establish the presence of HIV. The laboratory would have no duty to report preliminary HIV test results that the FDA does not recognize to be conclusive.

Subsection (c) would be amended to add a paragraph (2), which would set out the demographic information that must be included by the laboratory in its report to the Department of a positive HIV test result or a CD4 T-lymphocyte count. As previously explained, the more specific the information received by the Department from all reporters, the more likely it is that the Department would be able to extract information obtained from all reporting sources and compile a complete record on each reported case.

The Department is proposing to amend subsection (d) to require electronic laboratory reporting directly to the Department's Bureau of Epidemiology for almost all diseases reported by laboratories under Chapter 27. Subsection (d)(1) would be amended to require all reports by laboratories, except for reports of hypothyroidism and phenylketonuria and certain reports of sexually transmitted diseases, to be made electronically to the Bureau of Epidemiology. Hypothyroidism and phenylketonuria are currently, and would continue to be, reported directly to the Department's Division of Maternal and Child Health. Lead and lead toxicity reports, however, which are currently reported elsewhere, would be reported electronically directly to the Department's Bureau of Epidemiology. See proposed subsection (d)(1). Reports of sexually transmitted diseases would be reported not only to the Department electronically, but also to the local health departments of Allegheny and Philadelphia counties, as they are currently.

For smaller laboratories that are not currently reporting to the Department electronically, and do not have the necessary software, the Department would make software available along with training on its use.

The Department is also proposing to revise subsection (d) to include specific requirements for the reporting of HIV and CD4 T-lymphocyte counts. Subsection (d)(4)



would be amended to delete references to lead poisoning and lead toxicity. As revised, subsection (d)(4) would require a laboratory to report CD4 T-lymphocyte counts as set forth in subsection (b) within 5 days of the laboratory obtaining the test result.

Subsection (d)(5), also new, would include requirements for reporting HIV by a laboratory. As discussed previously, a laboratory would be required to report the results of any test approved by the FDA to establish the presence of HIV including serologic, virologic, nucleic acid (DNA or RNA) or other tests approved by the FDA for that purpose. This would include tests such as the ELISA, Western blot or viral load tests.

New subsection (e) would require a person or entity that requests a laboratory test for HIV or CD4 T-lymphocyte counts to provide the laboratory with all the demographic information the laboratory would be required to include in its report. This promotes completeness of laboratory reporting.

*Section 27.32. Reporting AIDS, HIV, CD4 T-lymphocyte counts and perinatal exposure of newborns to HIV by physicians, hospitals, persons or entities, who diagnose AIDS or who receive or provide HIV and CD4 T-lymphocyte test results.*

This section pertains to reporting by persons that are not laboratories. The Department is proposing to replace requirements in the current section for reporting AIDS with more specific requirements for reporting AIDS based on the CDC case definition. This section would require the reporting of the results of any test approved by the FDA to establish the presence of HIV, including serologic, virologic, nucleic acid (DNA or RNA) or any other test that the FDA may approve for this purpose. It would include reporting of CD4 T-lymphocyte counts of a certain level, and reporting of the perinatal exposure of a newborn to HIV. Subsection (a) would require physicians, hospitals and other persons or entities providing HIV services, that make a diagnosis of AIDS, or who receive HIV and CD4 T-lymphocyte test results for patients or provide these results to patients, to report these conditions and test results. In the case of perinatal exposure, reporters would be required to report the name of the mother with an identification of the child in that report. If the child would then test positive for HIV at a later date, the Department would include that information in its case record for the mother, and a separate case record would be kept under the child's name.

The Department has included persons or entities providing HIV services that receive HIV and CD4 T-lymphocyte test results or provide HIV and CD4 T-lymphocyte test results to patients in the list of required reporters to ensure that the reporting duty applies to all possible persons or entities with relevant information. Entities like case management organizations, drug and alcohol abuse treatment facilities, mobile vans and small clinics that do not have a physician present on a continuous basis would also be required to report under these proposed amendments. Again, this proposed reporting requirement would enable the Department to receive information from the widest range of sources. This proposed reporting requirement is designed to provide, once the case investigations are undertaken, and the data received reviewed to consolidate duplicate case reports into one case record, the most accurate count of all HIV/AIDS cases, and the most complete data possible on each reported case. Nothing in this section should be

construed to permit persons to order or receive HIV test results if they are not otherwise authorized by law to do so.

The Department is proposing in subsection (a) that all of the reports that would be added through the proposed amendments to this section be made to the LMRO in the area in which the patient is tested or diagnosed. The LMRO would then report electronically to the Department.

Subsection (b) would include the list of information providers would be required to report. This information would include, among other things, the name of the individual tested.

The Department is also proposing to require reporting of data elements similar to those required to be reported by laboratories, however, the Department would also require the reporting of additional data elements by physicians, hospitals, and other persons and entities, who diagnose AIDS, or receive or provide HIV and CD4 T-lymphocyte test results to patients. These additional elements would include the probable mode of transmission; treatment provided; name, address and telephone number of the physician, hospital, or other person or entity which secured the specimen from the individual and provided it for testing; name, address and telephone number of the entity in which the diagnosis was made, or by which the HIV test results or CD4 T-lymphocyte counts were received; and any other information the Department determines to be relevant. This information would not be readily available to laboratories, but would be available to providers. Like the information that would be required of laboratories, this information would provide the Department with a specific demographic picture of the individual, and enable the Department to track the trends of the disease throughout this Commonwealth. The information would also enable the Department to more easily contact the provider treating the patient, and provide that individual with information regarding the disease, help in counseling and partner notification, and referral options.

Subsection (c) would require providers to report to the Department within 5 business days of the reportable diagnosis or receipt of the test result. The Department would probably receive the laboratory reports before the provider received them. The Department proposes allowing this 5-day period to enable the provider to provide results to the patient, and to begin the process of counseling and referral, before reporting to the LMRO. The Department would be available after that period (or before if requested by the provider to perform results counseling) to aid the provider by providing information regarding the disease if that is requested, to perform partner notification if the patient is willing, and to provide information regarding referral options and services open to the patient, for example, the Special Pharmaceutical Benefits Program.

Subsection (c) would also require providers to make reports to the Department electronically. In addition to the electronic report, the Department is also proposing to require that providers maintain in the patient file a hard copy of the HIV/AIDS report form provided by the Department and completed by the provider. This would aid the departments in case investigation and follow-up if there is a need to review the patient file, as well as in reviewing compliance with reporting requirements under the proposed regulations.

The substance of new subsection (d) is substantially contained in current subsection (b). Minor revisions would

be made to replace the phrase "local health authority" with "LMRO" and to require that reports be made electronically.

As proposed in § 27.2, neither a low CD4 T-lymphocyte count, a positive test result on a test establishing the presence of HIV, or a perinatal exposure of a newborn to HIV would be reportable until January 1, 2002. The Department also proposes that its clarification regarding reporting of AIDS based on the CDC case definition become effective on that same date.

*Section 27.32a. Confidential and anonymous testing.*

This section would be new. Subsection (a) would require testing done at sites other than State-designated anonymous testing sites to be done confidentially but not anonymously. Anonymous testing is testing done without the tester obtaining the name of the individual being tested. The Department is making anonymous testing sites available in accordance with CDC recommendations, and to avoid creating a situation in which those at-risk individuals who would refuse to be tested confidentially would simply not be tested and, therefore, continue to place themselves and others at risk.

However, because the Department believes that name reporting is a very important component of the public health strategy as outlined by the CDC for addressing the disease, the Department is limiting anonymous testing to Department-designated sites. The Department and local health departments are able to become involved in counseling, partner notification and referral in these public sector testing sites without name reporting, since the individual has physically come into the public health system funded and, in some cases, operated by the departments.

The results of blinded HIV testing authorized under section 5(f) of Act 148 (35 P. S. § 7605(f)) would not be reportable under this proposed section. See proposed subsection (a).

Subsection (b) would require anonymous test sites to report results to the Department in accordance with proposed § 27.32 using an anonymous code rather than the name of the individual. The code would be assigned at the anonymous testing site, using a Department-approved algorithm.

*Section 27.32b. Counseling, testing, referral and partner notification services.*

This section would be new. It would require that counseling, testing, referral and partner notification services be done in accordance with the requirements of Act 148. It is proposed for the purpose of emphasizing the connection between Act 148 and the act to ensure that all confidentiality requirements are followed, and to stress that nothing in the proposed amendments is to be construed in a manner inconsistent with Act 148. The Department has also proposed language reminding providers that the Department will provide assistance with counseling, testing, referral and partner notification if requested.

*Section 27.32c. Department authority to require complete reporting.*

This section would be new. The Department has, in the past, encountered resistance from providers who hesitate to allow Department staff to review patient records to complete case investigations for reportable diseases and conditions. The act gives both the Department and local health departments the authority to undertake these reviews. Sections 3 and 5 of the act (35 P. S. §§ 521.3 and

521.5) give the Department and the local health departments the responsibility for the prevention and control of the spread of disease (see section 3(a) and (b) of the act) and the authority to take any disease control measure necessary to protect the public health upon receipt of a report of a disease (see section 5 of the act). Section 16 of the act (35 P. S. § 521.16) gives the Department, through the Board, the ability to promulgate whatever regulations are necessary to prevent and control the spread of disease. See section 16(a) and (b) of the act. Further, The Administrative Code of 1929 (71 P. S. §§ 1—732) (AC) gives the Department the ability to take the most efficient and practical means necessary for the prevention and suppression of disease. See section 2102(a) of the AC (71 P. S. § 532(a)). Since the reviews proposed in this section are necessary for locating cases and controlling and preventing the spread of disease, the Department and local health departments are authorized by the act to undertake the reviews, and to promulgate regulations concerning those reviews.

Further, since section 4 of the act (35 P. S. § 521.4) places reporting responsibilities on certain persons, and section 16(a) and (b) of the act gives the Department the authority to promulgate regulations to effectuate these reporting requirements, the Department has the authority to review these records to ensure that reporting is occurring appropriately.

Proposed subsection (a) would clearly state this authority to eliminate further confusion on the part of providers. Subsection (b) would clarify the Department's authority to require special reports from providers and laboratories in order to ensure reporting compliance.

*Section 27.32d. Record audits.*

This section would be new. The Department is proposing to review records of physicians, hospitals and other persons or entities who diagnose cases of AIDS, or provide or receive HIV and CD4 T-lymphocyte test results. The Department's audit would extend back to January 1, 2000. These audits would allow the Department to collect information to complete HIV and CD4 T-lymphocyte case reports, enabling it not only to track disease trends, but to complete case investigations and obtain information necessary to complete applications for Federal funding grants from the CDC and from the United States Department of Health and Human Services (HHS). The Ryan White CARE Act amendments of 2000 ((Pub. L. No. 106-345) (114 Stat. 1319, 1323—1325)) require the Secretary of the Federal Department of Health and Human Services to determine by July 1, 2004, if HIV case data provided by states is sufficiently accurate and reliable to use in the grant formula. If it is not, the Department will be able to use only live AIDS case data in its Fiscal Year 2005 (April 1, 2005 to March 31, 2006) application for grant allocations. Because AIDS case numbers have fallen, as discussed previously, this could decrease the amount of funding received by the Commonwealth. The Department is proposing this review of case information back to January 1, 2000, to ensure that it has the most accurate and reliable data available.

*C. Affected Persons*

These proposed amendments would affect physicians, hospitals and other persons or entities providing HIV services, who diagnose AIDS or who provide or receive HIV and CD4 T-lymphocyte test results. They will be required to report diagnosed cases of AIDS, HIV test results, low CD4 T-lymphocyte counts and perinatal exposure of newborns to HIV. The amendments would also

affect laboratories, which will be required to report certain positive HIV tests and CD4 T-lymphocyte counts of a certain level.

The proposed amendments would also affect local health departments that are involved in the reporting system, particularly the local health departments for Allegheny and Philadelphia Counties, which are currently considering or which have already implemented CD4 T-lymphocyte reporting. The proposed amendments would also impact persons with AIDS, persons with HIV infection and at risk for contracting HIV, persons with low CD4 T-lymphocyte counts, and pregnant women at risk for HIV or who test positive for HIV and their newborn children. Required reporting of the conditions and test results included in this proposed rulemaking would permit the Department to obtain more accurate information regarding the trends of the disease, and therefore to target funding to programs that would provide maximum benefit to these individuals. Further, reporting of cases to the Department would enable public health professionals to provide counseling, testing, and referral to infected persons, and with the individual's permission, to conduct contact tracing which can lead to early detection and treatment.

#### D. Cost and Paperwork Estimate

##### 1. Cost

The proposed amendments would have no measurable fiscal impact on local government, the private sector or the general public, because the disease reporting system already exists in this Commonwealth. There would be an increase in cost of \$500,000 to the Commonwealth, since the Department anticipates spending that amount for additional positions in the ten local health departments for staff to carry out case management activities, including counseling, testing, referral and partner notification. The Department anticipates this increase in personnel would be necessary because of the increase in the number of actual cases that would be seen once the addition of the conditions proposed by this rulemaking to the list of reportable diseases becomes final. The Department believes that this increase in cost to the Commonwealth would be outweighed by the savings from these proposed amendments, caused by reporting of information that would enable the Department to focus prevention efforts on the most at-risk populations. Over time these activities should cause a reduction in the number of HIV cases in this Commonwealth. This would reduce health care costs.

No additional cost would accrue from the Department's provision of software for electronic reporting, since the Department obtains that software for these purposes free-of-charge from the CDC. It is anticipated that any additional modification to the software necessary to suit the Department's purposes would be done either in-house or at no additional charge to the Department by current contractors.

##### 2. Paperwork Estimates

Because the disease reporting system is already in place in this Commonwealth, the addition of other diseases and conditions to the list of reportable diseases and conditions should create no measurable increase in paperwork. Cases of HIV, low CD4 T-lymphocyte counts and perinatal exposure of newborns to HIV would be reported and investigated in a similar manner to cases of currently listed diseases, infections and conditions using National case definitions and a reporting format similar to that currently used to report AIDS. The Department is requiring electronic reporting, but is offering the software to those required to report free-of-charge.

#### E. Statutory Authority

The Department obtains its authority to promulgate regulations relating to reporting of communicable and noncommunicable diseases from the act. The act provides the Board with the authority to issue rules and regulations on a variety of matters relating to communicable and noncommunicable diseases, including which diseases are to be reported, the methods of reporting diseases, the contents of reports and the health authorities to whom diseases are to be reported, what control measures are to be taken with respect to which diseases, and any other matters the Board may deem advisable for the prevention and control of disease, and for carrying out the provisions and purposes of the act. See section 16(a) of the act. Section 16(b) of the act gives the Secretary of Health (Secretary) the authority to review existing regulations and make recommendations to the Board for changes the Secretary considers to be desirable.

The Department also finds general authority for the promulgation of its regulations in the AC. Section 2102(g) of the AC gives the Department this general authority.

Section 2111(b) of the AC (71 P.S. § 541(b)) provides the Board with additional authority to promulgate regulations deemed by the Board to be necessary for the prevention of disease, and for the protection of the lives and the health of the people of this Commonwealth. That section further provides that the regulations of the Board shall become the regulations of the Department.

Section 2106(a) of the AC (71 P.S. § 536(a)) provides the Department with additional authority to declare diseases to be communicable, and to establish regulations for the prevention and control of disease.

Several statutes provide the Department with authority to command disease prevention and control measures within certain institutions. Section 803 of the Health Care Facilities Act (35 P.S. § 448.803) provides the Department with the authority to promulgate regulations relating to the licensure of health care facilities, and allows the Department to require that certain actions relating to disease control and prevention occur within health care facilities. Articles IX and X of the Public Welfare Code (62 P.S. §§ 901—922 and 1001—1087), which provide the Department with the authority to license inpatient drug and alcohol abuse treatment facilities, play the same role with respect to the Department's ability to require certain disease prevention and control measures in those facilities.

#### F. Effectiveness/Sunset Dates

The proposed amendments will become effective upon publication of final-form rulemaking in the *Pennsylvania Bulletin*, with exception of the reporting duties expressly made effective on January 1, 2002. No sunset date has been established. The Department will continually review and monitor the effectiveness of these regulations.

#### G. Regulatory Review

Under section 5(a) of the Regulatory Review Act (71 P.S. § 745.15(a)), on April 10, 2001, the Department submitted a copy of these proposed amendments to the Independent Regulatory Review Commission (IRRC) and to the Chairpersons of the House Health and Human Services Committee and the Senate Public Health and Welfare Committee. In addition to submitting the proposed amendments, the Department has provided IRRC and the Committees with a copy of a Regulatory Analysis Form prepared by the Department in compliance with

Executive Order 1996-1, "Regulatory Review and Promulgation." A copy of this material is available to the public upon request.

Under section 5(g) of the Regulatory Review Act, if IRRRC has objections to any portion of the proposed amendments, it will notify the Department within 10 days of the close of the Committees' review period. The notifications shall specify the regulatory review criteria which have not been met by that portion. The Regulatory Review Act specifies detailed procedures for review, prior to final publication of the regulations by the Department, the General Assembly and the Governor, of objections raised.

H. Contact Person

Interested persons are invited to submit written comments, suggestions or objections regarding the proposed amendments to Joel H. Hersh, Director, Bureau of Epidemiology, Department of Health, P. O. Box 90, Harrisburg, PA 17108, (717) 783-4677, within 30 days after publication of this notice in the *Pennsylvania Bulletin*. Persons with a disability who wish to submit comments, suggestions or objections regarding the proposed regulations may do so by using V/TT (717) 783-6514 for speech and/or hearing impaired persons or the Pennsylvania AT&T Relay Service at 800-654-5984[TT]. Persons who require an alternative format of this document may contact Joel Hersh so that necessary arrangements may be made.

ROBERT S. ZIMMERMAN, Jr.,  
Secretary

**Fiscal Note:** 10-166; (1) General Fund; (2) Implementing Year 2001-02 is \$500,000; (3) 1st Succeeding Year 2002-03 is \$500,000; 2nd Succeeding Year 2003-04 is \$500,000; 3rd Succeeding Year 2004-05 is \$500,000; 4th Succeeding Year 2005-06 is \$500,000; 5th Succeeding Year 2006-07 is \$500,000; (4) 2000-01 Program—\$44,561,100; 1999-00 Program—\$45,953,750; 1998-99 Program—\$45,737,700; (7) AIDS Program—Enhanced HIV Services; (8) recommends adoption.

Annex A

TITLE 28. HEALTH AND SAFETY  
PART III. PREVENTION OF DISEASES  
CHAPTER 27. COMMUNICABLE AND NONCOMMUNICABLE DISEASES  
Subchapter A. GENERAL PROVISIONS

§ 27.1. Definitions.

The following words and terms, when used in this chapter, have the following meanings, unless the context clearly indicates otherwise:

\* \* \* \* \*

**CDC**—Centers for Disease Control and Prevention.

\* \* \* \* \*

**District office**—One of the district headquarters of the Department located within this Commonwealth.

**FDA**—The Food and Drug Administration.

\* \* \* \* \*

**LMRO**—Local morbidity reporting office—A district office of the Department or a local health department.

\* \* \* \* \*

**Local health department**—Each county department of health under the Local Health Administration Law (16 P. S. §§ 12001—12028), and each department of health in a municipality approved for a Commonwealth grant to provide local health services under section 25 of the Local Health Administration Law (16 P. S. § 12025). The Department will maintain a list of local health departments and revise the list when new local health departments are established.

\* \* \* \* \*

**Perinatal exposure of a newborn to HIV**—The subjecting to risk of HIV infection of a fetus during the pregnancy of an HIV-positive woman regardless of the final outcome of the pregnancy or the final serostatus of the newborn if the pregnancy results in a live birth.

\* \* \* \* \*

§ 27.2. Reportable diseases.

The Board declares the following communicable diseases, unusual outbreaks of illness, noncommunicable diseases and conditions to be reportable:

AIDS (Acquired Immune Deficiency Syndrome) as defined by the CDC case definition (effective January 1, 2002).

\* \* \* \* \*

CD4 T-lymphocyte test result with a count of less than 200 cells/µL or less than 14% of total lymphocytes (effective January 1, 2002).

\* \* \* \* \*

HIV (Human Immunodeficiency Virus) (effective January 1, 2002).

\* \* \* \* \*

Perinatal exposure of a newborn to HIV (effective January 1, 2002).

\* \* \* \* \*

Subchapter B. REPORTING OF DISEASES  
GENERAL

§ 27.21. Physicians who treat patients with reportable diseases including tuberculosis.

\* \* \* \* \*

[ (e) Physicians shall report cases of AIDS under § 27.32 (relating to reporting AIDS). ]

§ 27.22. Reporting [ laboratory ] results indicative of certain infections or conditions by laboratories.

(a) A person who is in charge of a laboratory in which a laboratory [ examination ] test of a specimen derived from the human body yields microscopical, cultural, immunological, serological, chemical, virologic, nucleic acid (DNA or RNA) or other evidence significant from a public health standpoint of the presence of a disease listed in subsection (b) shall report promptly the findings, not later than the next working day after the close of business on the day on which the [ examination ] test was completed, except as noted otherwise in this chapter.

(b) The conditions or diseases to be reported include the following:

\* \* \* \* \*

CD4 T-lymphocyte test result with a count of less than 200 cells/ $\mu$ L or less than 14% of total lymphocytes.

\* \* \* \* \*

**HIV (Human Immunodeficiency Virus).**

\* \* \* \* \*

(c) Reports shall include the following information:

(1) **Reports of test results other than HIV and CD4 T-lymphocyte test results.** The report shall give the name, age and address of the person from whom the specimen was obtained, and the name and address of the physician for whom the examination or test was made.

(2) **Reports of HIV and CD4 T-lymphocyte test results.** Laboratories shall report electronically to the Department's Bureau of Epidemiology. The report shall include the following information:

(i) The individual's name and the address, city, county and zip code of the individual's residence.

(ii) The patient identifying number assigned by the physician or at the facility requesting the laboratory test.

(iii) The individual's date of birth (month, day, year).

(iv) The individual's sex.

(v) The individual's race/ethnicity.

(vi) The date of each test performed.

(vii) The type of test performed.

(viii) The results of the tests.

(ix) A CD4 T-lymphocyte test result with a count of less than 200 cells/ $\mu$ L or a CD4 T-lymphocyte percentage of less than 14% of total lymphocytes.

(x) The name of the person or entity submitting the specimen for testing.

(xi) The address of the person or entity submitting the specimen for testing, including the zip code, physical address and telephone number of the submitter.

(d) The [ report shall be submitted by the ] person in charge of a laboratory shall submit the report as follows:

(1) *Reports except for venereal diseases, hypothyroidism in infants up to 24 months old[ , ] and phenylketonuria [ and lead poisoning or lead toxicity.* Reports shall be made to the appropriate health authority of Philadelphia or the county department of health if the patient resides in such an area. Other reports shall be sent to the Division of Epidemiology, Department of Health, Post Office Box 90, Harrisburg, Pennsylvania 17108 ]. Laboratory test results shall be reported directly to the Department's Bureau of Epidemiology through secure electronic mechanisms in a manner specified by the Department.

(2) *Venereal disease (including positive dark fields).* Reports shall be made to the appropriate health authority of Philadelphia when the patient resides in Philadelphia and to the health authority in Allegheny County when the patient resides in Allegheny County. Other reports shall be sent to the [ Division of Communicable Disease Control and Surveillance, Bureau of Epide-

miology and Disease Prevention, Department of Health, Post Office Box 90, Harrisburg, Pennsylvania 17108, unless otherwise directed by the Secretary ] Department as required in paragraph (1).

\* \* \* \* \*

(4) [ *Lead poisoning or lead toxicity.* Reports shall be made to the Division of Environmental Health, Department of Health, Post Office Box 90, Harrisburg, Pennsylvania 17108-9990 on forms developed and supplied by the Division of Environmental Health. ] *Reports of CD4 T-lymphocyte test result.* A laboratory shall report to the Department CD4 T-lymphocyte test result under subsection (b) within 5 days of obtaining the test result.

(5) *Reports of HIV.* A laboratory shall report to the Department positive results of any test approved by the FDA to establish the presence of HIV including a serologic, virologic, nucleic acid (DNA or RNA) or any other type of test the FDA approves to establish the presence of HIV within 5 days of obtaining the test result.

(e) To enable the laboratory to complete the report it is required to file with the Department, a person or entity that requests a laboratory test for HIV or a CD4 T-lymphocyte count shall provide to the laboratory the information listed in subsection (c)(2), with the exception of subparagraphs (vi)—(ix). In addition to the information included in subsection (c)(2), a person or entity that requests a laboratory test for HIV or a CD4 T-lymphocyte count shall provide to the laboratory the date each test was requested, and the type of test or tests requested.

§ 27.32. Reporting AIDS, HIV, CD4 T-lymphocyte counts, and perinatal exposure of newborns to HIV by physicians, hospitals, persons or entities, who diagnose AIDS or who receive or provide HIV and CD4 T-lymphocyte test results.

(a) [ Physicians and hospitals shall report cases of AIDS promptly to the Department of Health, Division of Acute Infectious Disease Epidemiology, Post Office Box 90, Harrisburg, Pennsylvania 17108, or to the local health department in the counties of Allegheny, Bucks, Chester, Erie and Philadelphia and in the cities of Allentown, Bethlehem and York when the individual who is the subject of the report is a resident of the county or city. ]

A physician, hospital, or person or entity providing HIV services, who makes a diagnosis of AIDS or who receives HIV or CD4 T-lymphocyte test results or provides HIV or CD4 T-lymphocyte test results to patients shall report the following to the LMRO responsible for the geographic area in which the person is tested or diagnosed:

(1) A diagnosis of AIDS based on the CDC case definition.

(2) A positive result of any test approved by the FDA to establish the presence of HIV, including a serologic, virologic, nucleic acid (DNA or RNA) or any other type of test the FDA approves to establish the presence of HIV.

(3) A CD4 T-lymphocyte test result with a count of less than 200 cells/ $\mu$ L or a CD4 T-lymphocyte percentage of less than 14% of total lymphocytes.

**(4) A perinatal exposure of a newborn to HIV.**

(b) [ Local health authorities receiving reports of AIDS shall forward completed case report forms to the Department of Health in a timely manner. Completed forms shall provide identifying information, including but not limited to, the name of the case, the individual's address and telephone number, the name of the individual's medical provider and the reporting source. ]

A report of an HIV test result, CD4 T-lymphocyte count, AIDS case based on the CDC case definition, or perinatal exposure of a newborn to HIV shall include the following information:

(1) The individual's name and the address, city, county and zip code of the individual's residence.

(2) The patient identifying number assigned by the physician or at the facility requesting the laboratory test.

(3) The individual's date of birth.

(4) The individual's sex.

(5) The individual's race or ethnicity.

(6) The date of each test performed.

(7) The type of test performed.

(8) A positive result of any test approved by the FDA to establish the presence of HIV including a serologic, virologic, nucleic acid (DNA or RNA) or any other type of test the FDA approves to establish the presence of HIV.

(9) A CD4 T-lymphocyte test result with a count of less than 200 cells/uL or a CD4 T-lymphocyte percentage of less than 14% of total lymphocytes.

(10) The probable mode of transmission.

(11) The treatment provided.

(12) The name, address and telephone number of the physician, hospital, or other person or entity that secured a specimen from the individual and submitted it for laboratory testing.

(13) The name, address and telephone number of the entity in which the diagnosis was made, or that received the HIV test result or CD4 T-lymphocyte count.

(14) Other information the Department determines to be relevant.

(c) The reporter shall maintain the data required in subsection (b) in the patient file on the Department's HIV/AIDS report form. In addition to completing that form, the reporter shall transmit the report electronically to the LMRO through a secure electronic mechanism specified by the Department within 5 business days of the diagnosis of AIDS or receipt of the results of the test.

(d) An LMRO receiving reports of diagnoses of AIDS, positive HIV test results, reportable CD4 T-lymphocyte counts, and perinatal exposures to HIV shall forward completed case reports containing the information included in subsection (b) electronically to the Department's Bureau of Epidemiology.

**§ 27.32a. Confidential and anonymous testing.**

(a) Anonymous testing for HIV, except for blinded HIV testing authorized under section 5(f) of the Confidentiality of HIV-Related Information Act (35 P. S. § 7605(f)), may only be provided at State-designated anonymous testing sites. Anonymous testing is testing provided to an individual without collecting the individual's name. All other HIV testing shall be conducted confidentially with the name of the tested individual collected, and the name of the individual reported when the result of the test is reportable. Persons or entities reporting as required in this section shall offer all HIV and AIDS-related services confidentially and may not provide anonymous testing, or consider any test or its results to be anonymous.

(b) Anonymous test results shall be reported in accordance with § 27.32 (relating to reporting AIDS, HIV, CD4 T-lymphocyte counts and perinatal exposure of newborns to HIV by physicians, hospitals, persons or entities, who diagnose AIDS or who receive or provide HIV and CD4 T-lymphocyte test results) without a patient name but with an anonymous code assigned at the time the specimen is collected in accordance with a Department-approved anonymous test site algorithm.

**§ 27.32b. Counseling, testing, referral and partner notification services.**

Counseling, testing, referral and partner notification services shall be performed in accordance with the Confidentiality of HIV-Related Information Act (35 P. S. §§ 7601—7612) (Act 1990-148). A person providing HIV test results to a patient may ask for the Department's assistance with counseling if the person chooses to do so, and if doing so would not violate Act 1990-148.

**§ 27.32c. Department authority to require complete reporting.**

To conduct case investigations, to determine whether under-reporting is occurring, to investigate reporting delays, and to investigate other reporting problems the Department will have access to and may review the patient records of physicians, hospitals, and other persons and entities providing HIV services, who make diagnoses of AIDS or who receive or provide HIV and CD4 T-lymphocyte test results.

**§ 27.32d. Record audits.**

(a) The Department may conduct record audits of the records of physicians, hospitals, and other persons and entities providing HIV services, who make diagnoses of AIDS, or who receive or provide HIV test results for the purpose of obtaining information allowing the Department to complete HIV and CD4 T-lymphocyte case reports to aid it in tracking trends in disease and obtaining additional funding for prevention and treatment programs. The Department may audit records going back to January 1, 2000, for this purpose.

(b) The Department may require special reports of persons or entities required to report under this chapter ensure compliance with this chapter.

[Pa.B. Doc. No. 01-680. Filed for public inspection April 20, 2001, 9:00 a.m.]

# STATE BOARD OF EDUCATION

[22 PA. CODE CH. 4]

## Academic Standards and Assessment

The State Board of Education (Board) proposes to amend Chapter 4 (relating to academic standards and assessment) to add academic standards in science and technology and environment and ecology, to read as set forth in Annex A, under authority of the Public School Code of 1949 (24 P. S. §§ 1-101—27-2702).

### *Purpose*

Proposed amendments to Chapter 4 will add academic standards in science and technology and environment and ecology. The purpose of adding these requirements is to specify academic standards to be achieved by students enrolled in the public schools (including public charter schools) of this Commonwealth.

### *Requirements of the Proposed Amendments*

Proposed amendments to Chapter 4 define the standards in science and technology and environment and ecology to be achieved by students in the public schools. Standards for science and technology are organized in eight areas: (1) unifying themes of science; (2) inquiry and design; (3) biological sciences; (4) physical science, chemistry and physics; (5) earth sciences; (6) technology education; (7) technological devices; and (8) science, technology and human endeavors. Specific standards describe what students should know and be able to do by the end of fourth, seventh, tenth and twelfth grade.

Standards for environment and ecology are organized in nine areas: (1) watersheds and wetlands; (2) renewable and nonrenewable resources; (3) environmental health; (4) agriculture and society; (5) integrated pest management; (6) ecosystems and their interaction; (7) threatened, endangered and extinct species; (8) humans and the environment; and (9) environmental laws and regulations. Specific standards describe what students should know and be able to do by the end of fourth, seventh, tenth and twelfth grade.

### *Affected Parties*

The proposed amendments to Chapter 4 affect the students and professional employees of the public schools of this Commonwealth (including intermediate units, area vocational-technical schools, public charter and alternative schools).

### *Cost and Paperwork Estimates*

Costs to implement this proposed rulemaking may include curriculum development and the professional development of teachers. These costs vary by school district. Curriculum development is an ongoing activity for schools and is typically part of their normal budgeting. Costs associated with aligning curricula with these standards at the local level will be minimized by the following efforts: technical assistance in curriculum development provided by Department staff; detailed implementation kits provided to school districts by the Department; and the Standards Implementation Project which funds intermediate unit services throughout this Commonwealth supporting the implementation of these and other standards. Current year funds available to the Department to support curriculum alignment is \$1 million.

Professional development of teachers is an ongoing activity for schools and is addressed in the normal budgeting of school districts. Specific programs designed to support the implementation of these standards will minimize any financial impact on school districts. These programs include professional development provided through the Standards Implementation Project and Governor's Academies for Teachers (currently provided in the Life Sciences, Physical Sciences and Environment and Ecology). Current year funds available to the Department to support professional development is \$539,000. In addition, the act of November 23, 1999 (P. L. 529, No. 48) (Act 48) establishing a requirement for all educators to engage in continuing professional education, further requires the Department to provide 40 hours of professional development annually at no cost to teachers. It is expected that online, professional development activities will be developed in science and technology and environment and ecology.

### *Effective Date*

These amendments to Chapter 4 will become effective upon final publication in the *Pennsylvania Bulletin*.

### *Sunset Date*

The effectiveness of Chapter 4 will be reviewed by the Board every 4 years, in accordance with the Board's policy and practice respecting all regulations promulgated by the Board. Thus, no sunset date is necessary.

### *Regulatory Review*

Under section 5(a) of the Regulatory Review Act (act) (71 P. S. § 745.5(a)), on April 11, 2001, the Board submitted a copy of these proposed amendments to the Independent Regulatory Review Commission (IRRC) and to the Chairpersons of the House and Senate Committees on Education. In addition to submitting the proposed amendments, the Board has provided IRRC and the Committees with a copy of a detailed Regulatory Analysis Form prepared by the Board in compliance with Executive Order 1996-1, "Regulatory Review and Promulgation." A copy of this material is available to the public upon request.

Under section 5(g) of the Regulatory Review Act, if IRRC has objections to any portion of the proposed amendments, it will notify the Board within 10 days of the close of the Committees' review period. The notification shall specify the regulatory review criteria which have not been met by that portion. The Regulatory Review Act specifies detailed procedures for review, prior to final publication of the regulations, by the Board, the General Assembly and the Governor of objections raised.

### *Public Comments and Contact Person*

Interested persons are invited to submit written comments, suggestions or objections regarding this proposal to Peter H. Garland, Executive Director of the State Board of Education, 333 Market Street, Harrisburg, PA 17126-0333 within 30 days following publication in the *Pennsylvania Bulletin*.

Persons with disabilities needing an alternative means of providing public comment may make arrangements by calling Dr. Peter Garland at (717) 787-3787 or TDD (717) 787-7367.

PETER H. GARLAND,  
*Executive Director*

**Fiscal Note:** 6-273. (1) General Fund;

	<i>State</i>	<i>Federal</i>
(2) Implementing Year 2000-01 is	\$540,000	\$1 million
(3) 1st Succeeding Year 2001-02 is	\$600,000	-0-
2nd Succeeding Year 2002-03 is	\$600,000	-0-
3rd Succeeding Year 2003-04 is	\$600,000	-0-
4th Succeeding Year 2004-05 is	\$600,000	-0-
5th Succeeding Year 2005-06 is	\$600,000	-0-

(4) 1999-00 Program—\$360,000; 1998-99 Program—\$360,000; 1997-98 Program—\$0; (7) Teacher Professional Development and Federal—Educate America Act—Local—Implementing Year Only; (8) recommends adoption.

- Technology Education ..... 3.6.**
  - Biotechnology
  - Information Technology
  - Physical Technologies
  - (Construction, Manufacturing, and Transportation)
- Technological Devices ..... 3.7.**
  - Tools
  - Instruments
  - Computer Operations
  - Computer Software
  - Computer Communication Systems
- Science, Technology and Human Endeavors. .... 3.8.**
  - Constraints
  - Meeting Human Needs
  - Consequences and Impacts
- Glossary ..... IX.**

**Annex A**  
**TITLE 22. EDUCATION**  
**PART I. STATE BOARD OF EDUCATION**  
**CHAPTER 4. ACADEMIC STANDARDS AND ASSESSMENT**  
**APPENDIX B**  
**ACADEMIC STANDARDS FOR SCIENCE AND TECHNOLOGY AND ENVIRONMENT AND ECOLOGY**  
**Proposed Academic Standards for Science and Technology**

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**VIII. INTRODUCTION**

This document describes what students should know and be able to do in the following eight areas:

- 3.1. Unifying Themes of Science
- 3.2. Inquiry and Design
- 3.3. Biological Sciences
- 3.4. Physical Science, Chemistry and Physics
- 3.5. Earth Sciences
- 3.6. Technology Education
- 3.7. Technological Devices
- 3.8. Science, Technology and Human Endeavors

These standards describe what students should know and be able to do by the end of fourth, seventh, tenth and twelfth grade. In addition, these standards reflect the increasing complexity and sophistication that students are expected to achieve as they progress through school.

This document avoids repetition, making an obvious progression across grade levels less explicit. Teachers shall expect that students know and can apply the concepts and skills expressed at the preceding level. Consequently, previous learning is reinforced but not retaught.

Standards are arranged by categories, for example, 3.5 Earth Science. Under each category are standard statements that are preceded by a capital letter; for example, in 3.1 Unifying Themes, grade 10.B, "Describe concepts of models as a way to predict and understand science and technology." Following the standard statements are bulleted standard descriptors, which explain the nature and scope of the standard. Descriptors specify the nature of the standard and the level of complexity needed in meeting that standard in a proficient manner. Descriptors serve to benchmark the standard statement. Curriculum, instruction and assessment should focus on meeting the standard statement. Technology Education, computer applications and science are separate curricular areas. Meeting standards should be approached as a collaborative effort among all curricular areas.

*The following descriptors explain the intent of each standard category:*

**3.1. Unifying Themes**

Unifying themes of science and technology provide big ideas that integrate with significant concepts. There are only a few fundamental concepts and processes that form the framework upon which science and technology knowledges are organized—motion and forces, energy, structure of matter, change over time and machines. These themes create the context through which the content of the disciplines can be taught and are emphasized in each standard.



- 3.2 Inquiry and Design** The nature of science and technology is characterized by applying process knowledge that enables students to become independent learners. These skills include observing, classifying, inferring, predicting, measuring, computing, estimating, communicating, using space/time relationships, defining operationally, raising questions, formulating hypotheses, testing and experimenting, designing controlled experiments, recognizing variables, manipulating variables, interpreting data, formulating models, designing models, and producing solutions. Everyone can use them to solve real-life problems. These process skills are developed across the grade levels and differ in the degree of sophistication, quantitative nature and application to the content.
- 3.3 Biological Sciences** Biology concerns living things, their appearance, different types of life, the scope of their similarities and differences, where they live and how they live. Living things are made of the same components as all other matter, involve the same kinds of transformations of energy and move using the same basic kinds of forces as described in chemistry and physics standards. Through the study of the diversity of life, students learn to understand how life has changed over a long period of time. This great variety of life forms continues to change even today as genetic instructions within cells are passed from generation to generation, yet the amazing integrity of most species remain.
- 3.4 Physical Science Chemistry and Physics** Physics and chemistry study properties of objects. Students examine changes to materials during mixing, freezing, heating and dissolving and then learn how to observe and measure results. In chemistry students study the relationship between matter, atomic structure and its activity. Laboratory investigations of the properties of substances and their changes through a range of chemical interactions provide a basis for students to understand atomic theory and a variety of reaction types and their applications in business, agriculture and medicine. Physics deepens the understanding of the structure and properties of materials and includes atoms, waves, light, electricity, magnetism and the role of energy, forces and motion.
- 3.5 Earth Sciences** The dynamics of earth science include the studies of forces of nature that build the earth and wear down the earth. The understanding of these concepts uses principles from physical sciences, geography and mathematics.
- 3.6 Technology Education** Technology education is the use of accumulated knowledge to process resources to meet human needs and improve the quality of life. Students develop the ability to select and correctly use materials, tools, techniques and processes to answer questions, understand explanations and solve problems encountered in real life situations. These overriding themes require students to design, create, use, evaluate and modify systems of Biotechnologies, Information Technologies, and Physical Technologies.
- 3.7 Technological Devices** Students use tools to observe, measure, move and make things. New technological tools and techniques make it possible to enact far-reaching changes in our world. Technology enhances the students' abilities to identify problems and determine solutions. Computers play an integral role in every day life by extending our abilities to collect, analyze and communicate information and ideas.
- 3.8 Science, Technology and Human Endeavors** Scientific knowledge and societal needs often create a demand for new technology. Conversely, new technology advances scientific knowledge. Both influence society through the impact of their products and processes.

**What Is Science?** Any study of science includes the search for understanding the natural world and facts, principles, theories and laws that have been verified by the scientific community and are used to explain and predict natural phenomena and events.

Acquiring scientific knowledge involves constructing hypotheses using observation and knowledge in the content area in order to formulate useful questions that provoke scientific inquiry. As a result of repeated, rigorous testing over time and applying multiple perspectives to a problem, consistent information emerges. A theory describes this verifiable event or phenomena. Theories are powerful elements in science and are used to predict other events. As theories lose their ability to predict, they are modified, expanded or generalized or incorporated into a broader theory.

Knowledge of what science is incorporates carefully developed and integrated components:

- **Nature of science**—the ways in which scientists search for answers to questions and explanations of observations about the natural world; includes process

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knowledge of observing, classifying, inferring, predicting, measuring, hypothesizing, experimenting and interpreting data

- **Unifying themes of science**—concepts, generalizations and principles that result from and lead to inquiry

- **Knowledge**—facts, principles, theories and laws verifiable through scientific inquiry by the world community of scientists; includes physics, chemistry, earth science and biological sciences

- **Inquiry**—an intellectual process of logic that includes verification of answers to questions about and explanations for natural objects, events and phenomena

- **Process skills**—Recognition by students how knowledge is acquired and applied in science by observing, classifying, inferring, predicting, measuring, computing, estimating, communicating, using space/time relationships, defining operationally, formulating hypotheses, testing and experimenting, designing controlled experiments, recognizing variables, manipulating variables, interpreting data, formulating models, designing models and producing solutions

• **Problem solving**—application of concepts to problems of human adaptation to the environment that often leads to recognition of new problems; has social implications and leads to personal decision-making and action; a process which forms the link for interactions between scientific and technological results or findings; involves operational definitions, recognizing variables, formulating models and asking questions

• **Scientific thinking**—the disposition to suspend judgment, not make decisions and not take action until results, explanations or answers have been tested and verified with information

**What Is Technology Education?** It is the means by which we teach Technology. Technology is a body of knowledge separate from but related to the sciences, with specific content, curriculum and specific certification requirements. Technology is the application of tools, materials, processes and systems by humans to solve problems and provide benefits to humankind. We use technology in an attempt to improve our environment. These improvements may relate to survival needs (e.g., food, shelter, defense) or they may relate to human aspirations (e.g., knowledge, art, control). They can include unexpected benefits, unexpected costs and unexpected risks. Technology education involves a broad spectrum of knowledge and activities. Effective technology education combines knowledge of content, process and skills to provide students with a holistic approach to learning. Technology education offers unique opportunities to apply numerous

academic concepts through practical, hands-on applications. Instructional technology on the other hand, deals specifically with use of computers and different software to solve problems and communicate effectively. Knowledge of content, process and skills should be used together to effectively engage students and promote a complete understanding of the sciences, related technologies and their interrelationship. The relationship between science and technology is one where science builds principles or theories and technology provides the practical application of those principles or theories.

Knowledge of content, process and skills in technology involves learning processes that include these components:

- Methods of designing and developing solutions
- Standards for selecting and using appropriate materials, tools and processes
- Experimental and design specifications for testing and evaluating solutions
- Criteria for judging the performance and impact of the solutions
- Evaluating the impact of modifying a system to improve performance

Technology Education can be divided into three main systems that include biotechnological, informational, and physical technologies:

***Biotechnological Systems***

Bioconversion  
 Bioprocessing  
 Environment  
 Ergonomics  
 Engineering/Design Systems  
 Research and Development

***Informational Systems***

Computer-Aided Drafting/Design (CADD)  
 Drafting & Design  
 Desktop Publishing  
 Electronic Communications  
 Engineering/Design Systems  
 Graphic Communications  
 Communications Systems  
 Multimedia Technology  
 Networking Systems  
 Research and Development  
 Video and Television Production  
 World Wide Web Design & Publishing

***Physical Systems***

Automation/Robotics  
 Computer-Aided and Integrated Manufacturing (CAM/CIM)  
 Construction  
 Electronic Circuits/Control Systems  
 Energy Systems  
 Architecture and Community Planning  
 Engineering/Design Systems  
 Enterprise Organization & Operation  
 Manufacturing  
 Material Processes  
 Research and Development  
 Transportation

<b>3.1. Unifying Themes</b>			
<b>3.1.4. GRADE 4</b>	<b>3.1.7. GRADE 7</b>	<b>3.1.10. GRADE 10</b>	<b>3.1.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .</i></b>			
<p>A. Know that natural and human-made objects are made up of parts.</p> <ul style="list-style-type: none"> <li>Identify and describe what parts make up a system.</li> <li>Identify system parts that are natural and human-made (e.g., ball point pen, simple electrical circuits, plant anatomy).</li> <li>Describe the purpose of analyzing systems.</li> <li>Know that technologies include physical technology systems (e.g., construction, manufacturing, transportation), informational systems and biochemical-related systems.</li> </ul> <p>B. Know models as useful simplifications of objects or processes.</p> <ul style="list-style-type: none"> <li>Identify different types of models.</li> <li>Identify and apply models as tools for prediction and insight.</li> <li>Apply appropriate simple modeling tools and techniques.</li> <li>Identify theories that serve as models (e.g., molecules).</li> </ul>	<p>A. Explain the parts of a simple system and their relationship to each other.</p> <ul style="list-style-type: none"> <li>Describe a system as a group of related parts that work together to achieve a desired result (e.g., digestive system).</li> <li>Explain the importance of order in a system.</li> <li>Distinguish between system inputs, system processes and system outputs.</li> <li>Distinguish between open loop and closed loop systems.</li> <li>Apply systems analysis to solve problems.</li> </ul> <p>B. Describe the use of models as an application of scientific or technological concepts.</p> <ul style="list-style-type: none"> <li>Identify and describe different types of models and their functions.</li> <li>Apply models to predict specific results and observations (e.g., population growth, effects of infectious organisms).</li> <li>Explain systems by outlining a system's relevant parts and its purpose and/or designing a model that illustrates its function.</li> </ul>	<p>A. Discriminate among the concepts of systems, subsystems, feedback and control in solving technological problems.</p> <ul style="list-style-type: none"> <li>Identify the function of subsystems within a larger system (e.g., role of thermostat in an engine, pressure switch).</li> <li>Describe the interrelationships among inputs, processes, outputs, feedback and control in specific systems.</li> <li>Explain the concept of system redesign and apply it to improve technological systems.</li> <li>Apply the universal systems model to illustrate specific solutions and troubleshoot specific problems.</li> <li>Analyze and describe the effectiveness of systems to solve specific problems.</li> </ul> <p>B. Describe concepts of models as a way to predict and understand science and technology.</p> <ul style="list-style-type: none"> <li>Distinguish between different types of models and modeling techniques and apply their appropriate use in specific applications (e.g., kinetic gas theory, DNA).</li> <li>Examine the advantages of using models to demonstrate processes and outcomes (e.g., blue print analysis, structural stability).</li> <li>Apply mathematical models to science and technology.</li> </ul>	<p>A. Apply concepts of systems, subsystems, feedback and control to solve complex technological problems.</p> <ul style="list-style-type: none"> <li>Apply knowledge of control systems concept by designing and modeling control systems that solve specific problems.</li> <li>Apply systems analysis to predict results.</li> <li>Analyze and describe the function, interaction and relationship among subsystems and the system itself.</li> <li>Compare and contrast several systems that could be applied to solve a single problem.</li> <li>Evaluate the causes of a system's inefficiency.</li> </ul> <p>B. Apply concepts of models as a method to predict and understand science and technology.</p> <ul style="list-style-type: none"> <li>Evaluate technological processes by collecting data and applying mathematical models (e.g., process control).</li> <li>Apply knowledge of complex physical models to interpret data and apply mathematical models.</li> <li>Appraise the importance of computer models in interpreting science and technological systems.</li> </ul>

<b>3.1. Unifying Themes</b>			
<b>3.1.4. GRADE 4</b>	<b>3.1.7. GRADE 7</b>	<b>3.1.10. GRADE 10</b>	<b>3.1.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .</i></b>			
<p>C. Illustrate patterns that regularly occur and reoccur in nature.</p> <ul style="list-style-type: none"> <li>Identify observable patterns (e.g., growth patterns in plants, crystal shapes in minerals, climate, structural patterns in bird feathers).</li> <li>Use knowledge of natural patterns to predict next occurrences (e.g., seasons, leaf patterns, lunar phases).</li> </ul> <p>D. Know that scale is an important attribute of natural and human made objects, events and phenomena.</p> <ul style="list-style-type: none"> <li>Identify the use of scale as it relates to the measurement of distance, volume and mass.</li> <li>Describe scale as a ratio (e.g., pipe fittings).</li> <li>Explain the importance of scale in producing models and apply it to a model.</li> </ul>	<p>C. Identify patterns as repeated processes or recurring elements in science and technology.</p> <ul style="list-style-type: none"> <li>Identify different forms of patterns and use them to group and classify specific objects.</li> <li>Identify repeating structure patterns.</li> <li>Identify and describe patterns that occur in physical systems (e.g., construction, manufacturing, transportation), informational systems and biochemical-related systems.</li> </ul> <p>D. Explain scale as a way of relating concepts and ideas to one another by some measure.</p> <ul style="list-style-type: none"> <li>Apply various applications of size and dimensions of scale to scientific, mathematical, and technological applications.</li> <li>Describe scale as a form of ratio and apply to a life situation.</li> </ul>	<p>C. Apply patterns as repeated processes or recurring elements in science and technology.</p> <ul style="list-style-type: none"> <li>Examine and describe recurring patterns that form the basis of biological classification, chemical periodicity, geological order and astronomical order.</li> <li>Examine and describe stationary physical patterns.</li> <li>Examine and describe physical patterns in motion.</li> </ul> <p>D. Apply scale as a way of relating concepts and ideas to one another by some measure.</p> <ul style="list-style-type: none"> <li>Apply dimensional analysis and scale as a ratio.</li> <li>Convert one scale to another.</li> </ul>	<p>C. Assess and apply patterns in science and technology.</p> <ul style="list-style-type: none"> <li>Assess and apply recurring patterns in natural and technological systems.</li> <li>Compare and contrast structure and function relationships as they relate to patterns.</li> <li>Assess patterns in nature using mathematical formulas.</li> </ul> <p>D. Analyze scale as a way of relating concepts and ideas to one another by some measure.</p> <ul style="list-style-type: none"> <li>Compare and contrast various forms of dimensional analysis.</li> <li>Assess the use of several units of measurement to the same problem.</li> <li>Analyze and apply appropriate measurement scales when collecting data.</li> </ul>

<b>3.1. Unifying Themes</b>			
<b>3.1.4. GRADE 4</b>	<b>3.1.7. GRADE 7</b>	<b>3.1.10. GRADE 10</b>	<b>3.1.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .</i></b>			
<p>E. Recognize change in natural and physical systems.</p> <ul style="list-style-type: none"> <li>• Recognize change as fundamental to science and technology concepts.</li> <li>• Examine and explain change by using time and measurement.</li> <li>• Describe relative motion.</li> <li>• Describe the change to objects caused by heat, cold, light or chemicals.</li> </ul>	<p>E. Identify change as a variable in describing natural and physical systems.</p> <ul style="list-style-type: none"> <li>• Describe fundamental science and technology concepts that could solve practical problems.</li> <li>• Explain how ratio is used to describe change.</li> <li>• Describe the effect of making a change in one part of a system on the system as a whole.</li> </ul>	<p>E. Describe patterns of change in nature, physical and man made systems.</p> <ul style="list-style-type: none"> <li>• Describe how fundamental science and technology concepts are used to solve practical problems (e.g., momentum, Newton's laws of universal gravitation, tectonics, conservation of mass and energy, cell theory, atomic theory, theory of relativity, Pasteur's Germ Theory, Galileo's Heliocentric Solar System, gas laws, feedback systems).</li> <li>• Recognize that stable systems often involve underlying dynamic changes (e.g., a chemical reaction at equilibrium has molecules reforming continuously).</li> <li>• Describe the effects of error in measurements.</li> <li>• Describe changes to matter caused by heat, cold, light or chemicals using a rate function.</li> </ul>	<p>E. Evaluate change in nature, physical systems and man made systems.</p> <ul style="list-style-type: none"> <li>• Evaluate fundamental science and technology concepts and their development over time (e.g., DNA, cellular respiration, unified field theory, energy measurement, automation, miniaturization, Copernican and Ptolemaic universe theories).</li> <li>• Analyze how models, systems and technologies have changed over time (e.g., germ theory of disease, solar system, cause of fire).</li> <li>• Explain how correlation of variables does not necessarily imply causation.</li> <li>• Evaluate the patterns of change within a technology (e.g., changes in engineering in the automotive industry).</li> </ul>

<b>3.2. Inquiry and Design</b>			
<b>3.2.4. GRADE 4</b>	<b>3.2.7. GRADE 7</b>	<b>3.2.10. GRADE 10</b>	<b>3.2.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .</i></b>			
<p>A. Identify and use the nature of scientific and technological knowledge.</p> <ul style="list-style-type: none"> <li>• Distinguish between a scientific fact and a belief.</li> <li>• Provide clear explanations that account for observations and results.</li> <li>• Relate how new information can change existing perceptions.</li> </ul> <p>B. Describe objects in the world using the five senses.</p> <ul style="list-style-type: none"> <li>• Recognize observational descriptors from each of the five senses (e.g., see-blue, feel-rough).</li> <li>• Use observations to develop a descriptive vocabulary.</li> </ul>	<p>A. Explain and apply scientific and technological knowledge.</p> <ul style="list-style-type: none"> <li>• Distinguish between a scientific theory and a belief.</li> <li>• Answer "What if" questions based on observation, inference or prior knowledge or experience.</li> <li>• Explain how skepticism about an accepted scientific explanation led to a new understanding.</li> <li>• Explain how new information may change existing theories and practice.</li> </ul> <p>B. Apply process knowledge to make and interpret observations.</p> <ul style="list-style-type: none"> <li>• Measure materials using a variety of scales.</li> <li>• Describe relationships by making inferences and predictions.</li> <li>• Communicate, use space/time relationships, define operationally, raise questions, formulate hypotheses, test and experiment.</li> <li>• Design controlled experiments, recognize variables, manipulate variables.</li> <li>• Interpret data, formulate models, design models, and produce solutions.</li> </ul>	<p>A. Apply knowledge and understanding about the nature of scientific and technological knowledge.</p> <ul style="list-style-type: none"> <li>• Compare and contrast scientific theories and beliefs.</li> <li>• Know that science is limited to the study of observable aspects of the world and the universe.</li> <li>• Integrate new information into existing theories and explain implied results.</li> </ul> <p>B. Apply process knowledge and organize scientific and technological phenomena in varied ways.</p> <ul style="list-style-type: none"> <li>• Describe materials using precise quantitative and qualitative skills based on observations.</li> <li>• Develop appropriate scientific experiments: raising questions, formulating hypotheses, testing, controlled experiments, recognizing variables, manipulating variables, interpreting data, and producing solutions.</li> <li>• Use process skills to make inferences and predictions using collected information and to communicate, using space/time relationships, defining operationally.</li> </ul>	<p>A. Evaluate the nature of scientific and technological knowledge.</p> <ul style="list-style-type: none"> <li>• Know and use the ongoing scientific processes to continually improve and better understand how things work.</li> <li>• Critically evaluate the status of existing theories.</li> </ul> <p>B. Evaluate experimental information for appropriateness and adherence to relevant science processes.</p> <ul style="list-style-type: none"> <li>• Evaluate experimental data correctly within experimental limits.</li> <li>• Judge that conclusions are consistent and logical with experimental conditions.</li> <li>• Interpret results of experimental research to predict new information or improve a solution.</li> </ul>

<b>3.2. Inquiry and Design</b>			
<b>3.2.4. GRADE 4</b>	<b>3.2.7. GRADE 7</b>	<b>3.2.10. GRADE 10</b>	<b>3.2.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .</i></b>			
<p>C. Recognize and use the elements of scientific inquiry to solve problems.</p> <ul style="list-style-type: none"> <li>• Generate questions about objects, organisms and/or events that can be answered through scientific investigations.</li> <li>• Design an investigation.</li> <li>• Conduct an experiment.</li> <li>• State a conclusion that is consistent with the information.</li> </ul> <p>D. Recognize and use the technological design process to solve problems.</p> <ul style="list-style-type: none"> <li>• Recognize and explain basic problems.</li> <li>• Identify possible solutions and their course of action.</li> <li>• Try a solution.</li> <li>• Describe the solution, identify its impacts and modify if necessary.</li> <li>• Show the steps taken and the results.</li> </ul>	<p>C. Identify and use the elements of scientific inquiry to solve problems.</p> <ul style="list-style-type: none"> <li>• Generate questions about objects, organisms and/or events that can be answered through scientific investigations.</li> <li>• Evaluate the appropriateness of questions.</li> <li>• Design an investigation with limited variables to investigate a question.</li> <li>• Conduct a two-part experiment.</li> <li>• Judge the significance of experimental information in answering the question.</li> <li>• Communicate appropriate conclusions from the experiment.</li> </ul> <p>D. Know and use the technological design process to solve problems.</p> <ul style="list-style-type: none"> <li>• Define different types of problems.</li> <li>• Define all aspects of the problem, necessary information and questions that must be answered.</li> <li>• Propose the best solution.</li> <li>• Design and propose alternative methods to achieve solutions.</li> <li>• Apply a solution.</li> <li>• Explain the results, present improvements, identify and infer the impacts of the solution.</li> </ul>	<p>C. Apply the elements to scientific inquiry to solve problems.</p> <ul style="list-style-type: none"> <li>• Generate questions about objects, organisms and/or events that can be answered through scientific investigations.</li> <li>• Evaluate the appropriateness of questions.</li> <li>• Design an investigation with adequate control and limited variables to investigate a question.</li> <li>• Conduct a multiple step experiment.</li> <li>• Organize experimental information using a variety of analytic methods.</li> <li>• Judge the significance of experimental information in answering the question.</li> <li>• Suggest additional steps that might be done experimentally.</li> </ul> <p>D. Identify and apply the technological design process to solve problems.</p> <ul style="list-style-type: none"> <li>• Examine the problem, rank all necessary information and all questions that must be answered.</li> <li>• Propose and analyze a solution.</li> <li>• Implement the solution.</li> <li>• Evaluate the solution, test, redesign and improve as necessary.</li> <li>• Communicate the process and evaluate and present the impacts of the solution.</li> </ul>	<p>C. Apply the elements of scientific inquiry to solve multi-step problems.</p> <ul style="list-style-type: none"> <li>• Generate questions about objects, organisms and/or events that can be answered through scientific investigations.</li> <li>• Evaluate the appropriateness of questions.</li> <li>• Design an investigation with adequate control and limited variables to investigate a question.</li> <li>• Organize experimental information using analytic and descriptive techniques.</li> <li>• Evaluate the significance of experimental information in answering the question.</li> <li>• Project additional questions from a re-search study that could be studied.</li> </ul> <p>D. Analyze and use the technological design process to solve problems.</p> <ul style="list-style-type: none"> <li>• Assess all aspects of the problem, prioritize the necessary information and formulate questions that must be answered.</li> <li>• Propose, develop and appraise the best solution and develop alternative solutions.</li> <li>• Implement and assess the solution.</li> <li>• Evaluate and assess the solution, redesign and improve as necessary.</li> <li>• Communicate and assess the process and evaluate and present the impacts of the solution.</li> </ul>

<b>3.3. Biological Sciences</b>			
<b>3.3.4. GRADE 4</b>	<b>3.3.7. GRADE 7</b>	<b>3.3.10. GRADE 10</b>	<b>3.3.12. GRADE 12</b>
<i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .</i>			
<p>A. Know the similarities and differences of living things.</p> <ul style="list-style-type: none"> <li>Identify life processes of living things (e.g., growth, digestion, react to environment).</li> <li>Know that some organisms have similar external characteristics (e.g., anatomical characteristics; appendages, type of covering, body segments) and that similarities and differences are related to environmental circumstances.</li> <li>Describe basic needs of plants and animals.</li> </ul> <p>B. Know that living things are made up of parts that have specific functions.</p> <ul style="list-style-type: none"> <li>Identify examples of unicellular and multicellular organisms.</li> <li>Determine how different parts of a living thing work together to make the organism function.</li> </ul>	<p>A. Describe the similarities and differences that characterize diverse living things.</p> <ul style="list-style-type: none"> <li>Describe how the structures of living things help them function in unique ways.</li> <li>Explain how to use a dichotomous key to identify plants and animals.</li> <li>Account for adaptations among organisms that live in a particular environment.</li> </ul> <p>B. Describe the cell as the basic structural and functional unit of living things.</p> <ul style="list-style-type: none"> <li>Identify the levels of organization from cell to organism.</li> <li>Compare life processes at the organism level with life processes at the cell level.</li> <li>Explain that cells and organisms have particular structures that underlie their functions.</li> <li>Describe and distinguish among cell cycles, reproductive cycles and life cycles.</li> <li>Explain disease effects on structures or functions of an organism.</li> </ul>	<p>A. Explain the structural and functional similarities and differences found among living things.</p> <ul style="list-style-type: none"> <li>Identify and characterize major life forms according to their placement in existing classification groups.</li> <li>Explain the relationship between structure and function at the molecular and cellular levels.</li> <li>Describe organizing schemes of classification keys.</li> <li>Identify and characterize major life forms by kingdom, phyla, class and order.</li> </ul> <p>B. Describe and explain the chemical and structural basis of living organisms.</p> <ul style="list-style-type: none"> <li>Describe the relationship between the structure of organic molecules and the function they serve in living organisms.</li> <li>Identify the specialized structures and regions of the cell and the functions of each.</li> <li>Explain how cells store and use information to guide their functions.</li> <li>Explain cell functions and processes in terms of chemical reactions and energy changes.</li> </ul>	<p>A. Explain the relationship between structure and function at all levels of organization.</p> <ul style="list-style-type: none"> <li>Identify and explain interactions among organisms (e.g., mutually beneficial, harmful relationships).</li> <li>Explain and analyze the relationship between structure and function at the molecular, cellular and organ-system level.</li> <li>Describe and explain structural and functional relationships in each of the five (or six) kingdoms.</li> <li>Explain significant biological diversity found in each of the biomes.</li> </ul> <p>B. Analyze the chemical and structural basis of living organisms.</p> <ul style="list-style-type: none"> <li>Identify and describe factors affecting metabolic function (e.g., temperature, acidity, hormones).</li> <li>Evaluate metabolic activities using experimental knowledge of enzymes.</li> <li>Evaluate relationships between structure and functions of different anatomical parts given their structure.</li> <li>Describe potential impact of genome research on the biochemistry and physiology of life.</li> </ul>



<b>3.3. Biological Sciences</b>			
<b>3.3.4. GRADE 4</b>	<b>3.3.7. GRADE 7</b>	<b>3.3.10. GRADE 10</b>	<b>3.3.12. GRADE 12</b>
<i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to. . .</i>			
<p>C. Know that characteristics are inherited and thus offspring closely resemble their parents.</p> <ul style="list-style-type: none"> <li>• Identify characteristics for animal and plant survival in different climates.</li> <li>• Distinguish between learned and inherited characteristics.</li> </ul>	<p>C. Know that every organism has a set of genetic instructions that determines its inherited traits.</p> <ul style="list-style-type: none"> <li>• Identify and explain inheritable characteristics.</li> <li>• Identify that the gene is the basic unit of inheritance.</li> <li>• Identify basic patterns of inheritance (e.g., dominance, recessive, codominance).</li> <li>• Describe how traits are inherited.</li> <li>• Distinguish how different living things reproduce (e.g., vegetative budding, sexual).</li> <li>• Describe how selective breeding and genetic technologies can change genetic makeup of organisms.</li> </ul>	<p>C. Describe how genetic information is inherited and expressed.</p> <ul style="list-style-type: none"> <li>• Compare and contrast mitosis and function and process.</li> <li>• Describe mutations' effects on a trait's expression.</li> <li>• Distinguish different reproductive patterns in living things (e.g., budding, spores, fission).</li> <li>• Compare random and selective breeding practices and their results (e.g., antibiotic resistant bacteria).</li> <li>• Explain the relationship among DNA, genes and chromosomes.</li> <li>• Explain different types of inheritance (e.g., multiple allele, sex-influenced traits).</li> <li>• Describe the role of DNA in protein synthesis as it relates to gene expression.</li> </ul>	<p>C. Explain gene inheritance and expression at the molecular level.</p> <ul style="list-style-type: none"> <li>• Analyze gene expression at the molecular level.</li> <li>• Describe the roles of nucleic acids in cellular reproduction and protein synthesis.</li> <li>• Describe genetic engineering techniques, applications and impacts.</li> <li>• Explain birth defects from the standpoint of embryological development and/or changes in genetic makeup.</li> <li>• Describe the factors affecting gene frequency in a population over time and their consequences.</li> <li>• Describe and differentiate between the roles of natural selection and genetic drift.</li> </ul>

<b>3.3. Biological Sciences</b>			
<b>3.3.4. GRADE 4</b>	<b>3.3.7. GRADE 7</b>	<b>3.3.10. GRADE 10</b>	<b>3.3.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to. . .</i></b>			
<p>D. Identify changes in living things over time.</p> <ul style="list-style-type: none"> <li>• Compare extinct life forms with living organisms.</li> <li>• Know that differences in individuals of the same species may give some advantage in surviving and reproducing.</li> </ul>	<p>D. Explain basic concepts of natural selection.</p> <ul style="list-style-type: none"> <li>• Identify adaptations that allow organisms to survive in their environment.</li> <li>• Describe how an environmental change can affect the survival of organisms and entire species.</li> <li>• Describe the role that fossils play in studying the past.</li> <li>• Explain how biologic extinction is a natural process.</li> </ul>	<p>D. Explain the mechanism of the theory of evolution.</p> <ul style="list-style-type: none"> <li>• Analyze evidence of fossil records, similarities in body structures, embryological studies and DNA studies that support or do not support the theory of evolution.</li> <li>• Explain the role of mutations and gene recombination in changing a population of organisms.</li> <li>• Compare modern day descendents of extinct species and propose possible accounts for their present appearance.</li> <li>• Distinguish between inherited characteristics and learned behaviors in life forms.</li> <li>• Describe changes that illustrate major events in the earth's development based on a time line.</li> <li>• Apply the concept of natural selection to illustrate and account for a species' survival, extinction or change over time.</li> </ul>	<p>D. Analyze the theory of evolution.</p> <ul style="list-style-type: none"> <li>• Analyze the impact of new scientific facts on the theory of evolution.</li> <li>• Examine human history by describing the progression from early hominids to modern humans.</li> <li>• Evaluate the concept of natural selection in illustrating evolution theory.</li> </ul>
<b>Ecosystem Standards are in the Environment and Ecology Standard Category (4.6).</b>			

<b>3.4. Physical Science, Chemistry and Physics</b>			
<b>3.4.4. GRADE 4</b>	<b>3.4.7. GRADE 7</b>	<b>3.4.10. GRADE 10</b>	<b>3.4.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .</i></b>			
<p>A. Recognize basic concepts about the structure and properties of matter.</p> <ul style="list-style-type: none"> <li>• Describe properties of matter (e.g., hardness, reactions to simple chemical tests).</li> <li>• Know that combining two or more substances can make new materials with different properties.</li> <li>• Know different material characteristics (e.g., texture, state of matter, solubility).</li> </ul>	<p>A. Describe concepts about the structure and properties of matter.</p> <ul style="list-style-type: none"> <li>• Identify elements as basic building blocks of matter that cannot be broken down chemically.</li> <li>• Distinguish compounds from mixtures.</li> <li>• Describe and conduct experiments that identify chemical and physical properties.</li> <li>• Describe reactants and products of simple chemical reactions.</li> </ul>	<p>A. Explain concepts about the structure and properties of matter.</p> <ul style="list-style-type: none"> <li>• Know that atoms are composed of even smaller sub-atomic structures whose properties are measurable.</li> <li>• Explain the repeating pattern of chemical properties by using the repeating patterns of atomic structure within the periodic table.</li> <li>• Predict the behavior of gases through the use of Boyle's, Charles' or the ideal gas law, in everyday situations.</li> <li>• Describe phases of matter according to the Kinetic Molecular Theory.</li> <li>• Explain the formation of compounds and their resulting properties using bonding theories (ionic and covalent).</li> <li>• Recognize formulas for simple inorganic compounds.</li> <li>• Describe various types of chemical reactions by applying the laws of conservation of mass and energy.</li> <li>• Apply knowledge of mixtures to appropriate separation techniques.</li> <li>• Understand that carbon can form several types of compounds.</li> </ul>	<p>A. Apply concepts about the structure and properties of matter.</p> <ul style="list-style-type: none"> <li>• Apply rules of systematic nomenclature and formula writing to chemical substances.</li> <li>• Classify and describe, in equation form, types of chemical and nuclear reactions.</li> <li>• Explain how radioactive isotopes that are subject to decay can be used to estimate the age of materials.</li> <li>• Explain how the forces that bind solids, liquids and gases affect their properties.</li> <li>• Characterize and identify important classes of compounds (e.g., acids, bases, salts).</li> <li>• Apply the conservation of energy concept to fields as diverse as mechanics, nuclear particles and studies of the origin of the universe.</li> <li>• Apply the predictability of nuclear decay to estimate the age of materials that contain radioactive isotopes.</li> <li>• Quantify the properties of matter (e.g., density, solubility coefficients) by applying mathematical formulas.</li> </ul>

<b>3.4. Physical Science, Chemistry and Physics</b>			
<b>3.4.4. GRADE 4</b>	<b>3.4.7. GRADE 7</b>	<b>3.4.10. GRADE 10</b>	<b>3.4.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .</i></b>			
<p>B. Know basic energy types, sources and conversions.</p> <ul style="list-style-type: none"> <li>• Identify energy forms and examples (e.g., sunlight, heat, stored, motion).</li> <li>• Know the concept of the flow of energy by measuring flow through an object or system.</li> <li>• Describe static electricity in terms of attraction, repulsion and sparks.</li> <li>• Apply knowledge of the basic electrical circuits to design and construction simple direct current circuits.</li> <li>• Classify materials as conductors and non-conductors.</li> <li>• Know and demonstrate the basic properties of heat by producing it in a variety of ways.</li> <li>• Know the characteristics of light (e.g., reflection, refraction, absorption) and use them to produce heat, color or a virtual image.</li> </ul>	<p>B. Relate energy sources and transfers to heat and temperature.</p> <ul style="list-style-type: none"> <li>• Identify and describe sound changes in moving objects.</li> <li>• Know that the sun is a major source of energy that emits wavelengths of visible light, infrared and ultraviolet radiation.</li> <li>• Explain the conversion of one form of energy to another by applying knowledge of each form of energy.</li> <li>• Explain the parts and functions in an electrical circuit.</li> </ul>	<p>B. Analyze energy sources and transfers of heat.</p> <ul style="list-style-type: none"> <li>• Determine the efficiency of chemical systems by applying mathematical formulas.</li> <li>• Use knowledge of chemical reactions to generate an electrical current.</li> <li>• Evaluate energy changes in chemical reactions.</li> <li>• Use knowledge of conservation of energy and momentum to explain common phenomena (e.g., refrigeration system, rocket propulsion).</li> <li>• Explain resistance, current and electromotive force (Ohm's Law).</li> </ul>	<p>B. Apply and analyze energy sources and conversions and their relationship to heat and temperature.</p> <ul style="list-style-type: none"> <li>• Determine the heat involved in illustrative chemical reactions.</li> <li>• Evaluate mathematical formulas that calculate the efficiency of specific chemical and mechanical systems.</li> <li>• Use knowledge of oxidation and reduction to balance complex reactions.</li> <li>• Apply appropriate thermodynamic concepts (e.g., conservation, entropy) to solve problems relating to energy and heat.</li> </ul>

<b>3.4. Physical Science, Chemistry and Physics</b>			
<b>3.4.4. GRADE 4</b>	<b>3.4.7. GRADE 7</b>	<b>3.4.10. GRADE 10</b>	<b>3.4.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .</i></b>			
<p>C. Observe and describe different types of force and motion.</p> <ul style="list-style-type: none"> <li>• Identify characteristics of sound (pitch, loudness and echoes).</li> <li>• Recognize forces that attract or repel other objects and demonstrate them.</li> <li>• Describe various types of motions.</li> <li>• Compare the relative movement of objects and describe types of motion that are evident.</li> <li>• Describe the position of an object by locating it relative to another object or the background (e.g., geographic direction, left, up).</li> </ul>	<p>C. Identify and explain the principles of force and motion.</p> <ul style="list-style-type: none"> <li>• Describe the motion of an object based on its position, direction and speed.</li> <li>• Classify fluid power systems according to fluid used or mode of power transmission (e.g., air, oil).</li> <li>• Explain various motions using models.</li> <li>• Explain how convex and concave mirrors and lens change light images.</li> <li>• Explain how sound and light travel in waves of differing speeds, sizes and frequencies.</li> </ul>	<p>C. Distinguish among the principles of force and motion.</p> <ul style="list-style-type: none"> <li>• Identify the relationship of electricity and magnetism as two aspects of a single electromagnetic force.</li> <li>• Identify elements of simple machines in compound machines.</li> <li>• Explain fluid power systems through the design and construction of appropriate models.</li> <li>• Describe sound effects (e.g., Doppler effect, amplitude, frequency, reflection, refraction, absorption, sonar, seismic).</li> <li>• Describe light effects (e.g., Doppler effect, dispersion, absorption, emission spectra, polarization, interference).</li> <li>• Describe and measure the motion of sound, light and other objects.</li> <li>• Know Newton's laws of motion (including inertia, action and reaction) and gravity and apply them to solve problems related to forces and mass.</li> <li>• Determine the efficiency of mechanical systems by applying mathematical formulas.</li> </ul>	<p>C. Apply the principles of motion and force.</p> <ul style="list-style-type: none"> <li>• Evaluate wave properties of frequency, wavelength and speed as applied to sound and light through different media.</li> <li>• Propose and produce modifications to specific mechanical power systems that will improve their efficiency.</li> <li>• Analyze the principles of translational motion, velocity and acceleration as they relate to free fall and projectile motion.</li> <li>• Analyze the principles of rotational motion to solve problems relating to angular momentum, and torque.</li> <li>• Interpret a model that illustrates circular motion and acceleration.</li> <li>• Describe inertia, motion, equilibrium, and action/reaction concepts through words, models and mathematical symbols.</li> </ul>

<b>3.4. Physical Science, Chemistry and Physics</b>			
<b>3.4.4. GRADE 4</b>	<b>3.4.7. GRADE 7</b>	<b>3.4.10. GRADE 10</b>	<b>3.4.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to. . .</i></b>			
<p>D. Describe the composition and structure of the universe and the earth's place in it.</p> <ul style="list-style-type: none"> <li>• Recognize earth's place in the solar system.</li> <li>• Explain and illustrate the causes of seasonal changes.</li> <li>• Identify planets in our solar system and their general characteristics.</li> <li>• Describe the solar system motions and use them to explain time (e.g., days, seasons), major lunar phases and eclipses.</li> </ul>	<p>D. Describe essential ideas about the composition and structure of the universe and the earth's place in it.</p> <ul style="list-style-type: none"> <li>• Compare various planets' characteristics.</li> <li>• Describe basic star types and identify the sun as a star type.</li> <li>• Describe and differentiate comets, asteroids and meteors.</li> <li>• Identify gravity as the force that keeps planets in orbit around the sun and governs the rest of the movement of the solar system and the universe.</li> <li>• Illustrate how the position of stars and constellations change in relation to the Earth during an evening and from month to month.</li> <li>• Identify equipment and instruments that explore the universe.</li> <li>• Identify the accomplishments and contributions provided by selected past and present scientists in the field of astronomy.</li> <li>• Identify and articulate space program efforts to investigate possibilities of living in space and on other planets.</li> </ul>	<p>D. Explain essential ideas about the composition and structure of the universe.</p> <ul style="list-style-type: none"> <li>• Compare the basic structures of the universe (e.g., galaxy types, nova, black holes, neutron stars).</li> <li>• Describe the structure and life cycle of star, using the Hertzsprung-Russell diagram.</li> <li>• Describe the nuclear processes involved in energy production in a star.</li> <li>• Explain the "red-shift" and Hubble's use of it to determine stellar distance and movement.</li> <li>• Compare absolute versus apparent star magnitude and their relation to stellar distance.</li> <li>• Explain the impact of the Copernican and Newtonian thinking on man's view of the universe.</li> <li>• Identify and analyze the findings of several space instruments in regard to the extent and composition of the solar system and universe.</li> </ul>	<p>D. Analyze the essential ideas about the composition and structure of the universe.</p> <ul style="list-style-type: none"> <li>• Analyze the Big Bang Theory's use of gravitation and nuclear re- action to explain a possible origin of the universe.</li> <li>• Compare the use of visual, radio and x-ray telescopes to collect data regarding the structure and evolution of the universe.</li> <li>• Correlate the use of the special theory of relativity and the life of a star.</li> </ul>
<b>Refer to Technology Standard Category 3.6 for applied uses of these concepts and principles.</b>			

<b>3.5. Earth Sciences</b>			
<b>3.5.4. GRADE 4</b>	<b>3.5.7. GRADE 7</b>	<b>3.5.10. GRADE 10</b>	<b>3.5.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .</i></b>			
<p>A. Know basic landforms and Earth history.</p> <ul style="list-style-type: none"> <li>Describe earth processes (e.g., rusting, weathering, erosion) that have affected selected physical features in students' neighborhoods.</li> <li>Identify various earth structures (e.g., mountains, faults, drainage basins) through the use of models.</li> <li>Identify the composition of soil as weathered rock and decomposed organic remains.</li> <li>Describe fossils and the type of environment they lived in (e.g., tropical, aquatic, desert).</li> </ul>	<p>A. Describe earth features and processes.</p> <ul style="list-style-type: none"> <li>Describe major layers of the earth.</li> <li>Describe the processes involved in the creation of geologic features (e.g., folding, faulting, volcanism, sedimentation) and that these processes seen today (e.g., erosion, weathering crustal plate movement) are similar to those in the past.</li> <li>Describe the processes that formed Pennsylvania geologic structures and resources including mountains, glacial formations, water gaps and ridges.</li> <li>Explain how the rock cycle affected rock formations in the state of Pennsylvania.</li> <li>Distinguish between examples of rapid surface changes (e.g., landslides, earthquakes) and slow surface changes (e.g., weathering).</li> <li>Identify living plants and animals that are similar to fossil forms.</li> </ul>	<p>A. Relate earth features and processes that change the earth.</p> <ul style="list-style-type: none"> <li>Illustrate and explain plate tectonics as the mechanism of continental movement and sea floor changes.</li> <li>Compare examples of change to the earth's surface over time as they related to continental movement and ocean basin formation (e.g., Delaware, Susquehanna, Ohio Rivers system formations, dynamics).</li> <li>Interpret topographic maps to identify and describe significant geologic history/structures in Pennsylvania.</li> <li>Evaluate and interpret geologic history using geologic maps.</li> <li>Explain several methods of dating earth materials and structures.</li> <li>Correlate rock units with general geologic time periods in the history of the earth.</li> <li>Describe and identify major types of rocks and minerals.</li> </ul>	<p>A. Analyze and evaluate earth features and processes that change the earth.</p> <ul style="list-style-type: none"> <li>Apply knowledge of geophysical processes to explain the formation and degradation of earth structures (e.g., mineral deposition, cave formations, soil composition).</li> <li>Interpret geological evidence supporting evolution.</li> <li>Apply knowledge of radioactive decay to assess the age of various earth features and objects.</li> </ul>

<b>3.5. Earth Sciences</b>			
<b>3.5.4. GRADE 4</b>	<b>3.5.7. GRADE 7</b>	<b>3.5.10. GRADE 10</b>	<b>3.5.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .</i></b>			
<p>B. Know types and uses of earth materials.</p> <ul style="list-style-type: none"> <li>Identify uses of various earth materials (e.g., buildings, highways, fuels, growing plants).</li> <li>Identify and sort earth materials according to a classification key (e.g., soil/rock type).</li> </ul> <p>C. Know basic weather elements.</p> <ul style="list-style-type: none"> <li>Identify weather patterns from data charts (including temperature, wind direction and speed, precipitation) and graphs of the data.</li> <li>Explain how the different seasons effect plants, animals, food availability and daily human life.</li> </ul>	<p>B. Recognize earth resources and how they affect everyday life.</p> <ul style="list-style-type: none"> <li>Identify and locate significant earth resources (e.g., rock types, oil, gas, coal deposits) in Pennsylvania.</li> <li>Explain the processes involved in the formation of oil and coal in Pennsylvania.</li> <li>Explain the value and uses of different earth resources (e.g., selected minerals, ores, fuel sources, agricultural uses).</li> <li>Compare the locations of human settlements as related to available resources.</li> </ul> <p>C. Describe basic elements of meteorology.</p> <ul style="list-style-type: none"> <li>Explain weather forecasts by interpreting weather data and symbols.</li> <li>Explain the oceans' impact on local weather and the climate of a region.</li> <li>Identify how cloud types, wind directions and barometric pressure changes are associated with weather patterns in different regions of the country.</li> <li>Explain and illustrate the processes of cloud formation and precipitation.</li> <li>Describe and illustrate the major layers of the earth's atmosphere.</li> <li>Identify different air masses and global wind patterns and how they relate to the weather patterns in different regions of the U.S.</li> </ul>	<p>B. Explain sources and uses of earth resources.</p> <ul style="list-style-type: none"> <li>Compare the locations of strategic minerals and earth resources in the world with their geologic history using maps and global information systems.</li> <li>Demonstrate the effects of sedimentation and erosion before and after a conservation plan is implemented.</li> <li>Evaluate the impact of geologic activities/hazards (e.g., earthquakes, sinkholes, landslides).</li> <li>Evaluate land use (e.g., agricultural, recreational, residential, commercial) in Pennsylvania based upon soil characteristics.</li> </ul> <p>C. Interpret meteorological data.</p> <ul style="list-style-type: none"> <li>Analyze information from meteorological instruments and online sources to predict weather patterns.</li> <li>Describe weather and climate patterns on global levels.</li> <li>Evaluate specific adaptations plants and animals have made that enable them to survive in different climates.</li> </ul>	<p>B. Analyze the availability, location and extraction of earth resources.</p> <ul style="list-style-type: none"> <li>Describe how the location of earth's major resources has affected a country's strategic decisions.</li> <li>Compare locations of earth features and country boundaries.</li> <li>Analyze the impact of resources (e.g., coal deposits, rivers) on the life of Pennsylvania's settlements and cities.</li> </ul> <p>C. Analyze atmospheric energy transfers.</p> <ul style="list-style-type: none"> <li>Describe how weather and climate involve the transfer of energy in and out of the atmosphere.</li> <li>Explain how unequal heating of the air, ocean and land produces wind and ocean currents.</li> <li>Analyze the energy transformations that occur during the greenhouse effect and predict the long-term effects of increased pollutant levels in the atmosphere.</li> <li>Analyze the mechanisms that drive a weather phenomena (e.g., El Nino, hurricane, tornado) using the correlation of three methods of heat energy transfer.</li> </ul>



<b>3.5. Earth Sciences</b>			
<b>3.5.4. GRADE 4</b>	<b>3.5.7. GRADE 7</b>	<b>3.5.10. GRADE 10</b>	<b>3.5.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .</i></b>			
<p>D. Recognize the earth's different water resources.</p> <ul style="list-style-type: none"> <li>• Know that approximately three-fourths of the earth is covered by water.</li> <li>• Describe locations of fresh and salt water in or near the state of Pennsylvania.</li> <li>• Identify examples of water in the form of solid, liquid and gas on or near the surface of the earth.</li> <li>• Explain and illustrate evaporation and condensation.</li> <li>• Recognize other resources available from water (e.g., energy, transportation, minerals, food).</li> </ul>	<p>D. Explain the behavior and impact of the earth's water systems.</p> <ul style="list-style-type: none"> <li>• Explain the water cycle using the processes of evaporation and condensation.</li> <li>• Describe factors that affect evaporation and condensation.</li> <li>• Distinguish salt from fresh water (e.g., density, electrical conduction).</li> <li>• Compare the effect of water type (e.g., polluted, fresh, salt water) and the life contained in them.</li> <li>• Identify ocean and shoreline features (e.g., bays, inlets, spit, tidal marshes).</li> </ul>	<p>D. Assess the value of water as a resource.</p> <ul style="list-style-type: none"> <li>• Compare specific sources of potable water (e.g., wells, public systems, rivers) used by people in Pennsylvania.</li> <li>• Identify the components of a municipal/ agricultural water supply system and a wastewater treatment system.</li> <li>• Relate aquatic life to water conditions (e.g., turbidity, temperature, salinity, dissolved oxygen, nitrogen levels, pressure).</li> <li>• Compare commercially important aquatic species in or near Pennsylvania.</li> <li>• Identify economic resources found in marine areas.</li> <li>• Assess the natural and man-made factors that affect the availability of clean water (e.g., rock and mineral deposits, man-made pollution).</li> </ul>	<p>D. Analyze the principles and history of hydrology.</p> <ul style="list-style-type: none"> <li>• Analyze the operation and effectiveness of a water purification and desalination system.</li> <li>• Evaluate the pros and cons of surface water appropriation for commercial and electrical use.</li> <li>• Analyze the historical development of water use in Pennsylvania (e.g., recovery of Lake Erie).</li> <li>• Compare the marine life and type of water found in the intertidal, neritic and bathyal zones.</li> </ul>
<b>Refer to Environment and Ecology Standards Categories 4.1, 4.3, 4.8 for standards that deal with environmental impact of Earth structures and forces.</b>			

<b>3.6. Technology Education</b>			
<b>3.6.4. GRADE 4</b>	<b>3.6.7. GRADE 7</b>	<b>3.6.10. GRADE 10</b>	<b>3.6.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to. . .</i></b>			
<p>A. Know that biotechnologies relate to propagating, growing, maintaining, adapting, treating and converting.</p> <ul style="list-style-type: none"> <li>• Identify agricultural and industrial production processes that involve plants and animals.</li> <li>• Identify waste management treatment processes.</li> <li>• Describe how knowledge of the human body influences or impacts ergonomic design.</li> <li>• Describe how biotechnology has impacted various aspects of daily life (e.g., health care, agriculture, waste treatment).</li> </ul>	<p>A. Explain biotechnologies that relate to related technologies of propagating, growing, maintaining, adapting, treating and converting.</p> <ul style="list-style-type: none"> <li>• Identify the environmental, societal and economic impacts that waste has in the environment.</li> <li>• Identify and explain the impact that a specific medical advancement has had on society.</li> <li>• Explain the factors that were taken into consideration when a specific object was designed.</li> <li>• Define and describe how fuels and energy can be generated through the process of biomass conversion.</li> <li>• Identify and group basic plant and animal production processes.</li> </ul>	<p>A. Apply biotechnologies that relate to propagating, growing, maintaining, adapting, treating and converting.</p> <ul style="list-style-type: none"> <li>• Apply knowledge of plant and animal production processes in designing an improvement to existing processes.</li> <li>• Apply knowledge of biomedical technology applications in designing a solution to a simple medical problem (e.g., wheel chair design, artificial arteries).</li> <li>• Apply knowledge of how biomedical technology affects waste products in designing a solution that will result in reduced waste.</li> <li>• Apply ergonomic engineering factors when devising a solution to a specific problem.</li> <li>• Describe various methods of biochemical conversion.</li> </ul>	<p>A. Analyze biotechnologies that relate to propagating, growing, maintaining, adapting, treating and converting.</p> <ul style="list-style-type: none"> <li>• Analyze and solve a complex production process problem using biotechnologies (e.g., hydroponics, fish farming, crop propagation).</li> <li>• Analyze specific examples where engineering has impacted society in protection, personal health application or physical enhancement.</li> <li>• Appraise and evaluate the cause and effect and subsequent environmental, economic and societal impacts that result from biomass and biochemical conversion.</li> <li>• Evaluate and apply biotechnical processes to complex plant and animal production methods.</li> <li>• Apply knowledge of biochemical-related technologies to propose alternatives to hazardous waste treatment.</li> </ul>

<b>3.6. Technology Education</b>			
<b>3.6.4. GRADE 4</b>	<b>3.6.7. GRADE 7</b>	<b>3.6.10. GRADE 10</b>	<b>3.6.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to. . .</i></b>			
<p>B. Know that information technologies involve encoding, transmitting, receiving, storing, retrieving and decoding.</p> <ul style="list-style-type: none"> <li>• Identify electronic communication methods that exist in the community (e.g., digital cameras, telephone, internet, television, fiber optics).</li> <li>• Identify graphic reproduction methods.</li> <li>• Describe appropriate image generating techniques (e.g., photography, video).</li> <li>• Demonstrate the ability to communicate an idea by applying basic sketching and drawing techniques.</li> </ul>	<p>B. Explain information technologies to encoding, transmitting, receiving, storing, retrieving and decoding.</p> <ul style="list-style-type: none"> <li>• Demonstrate the effectiveness of image generating techniques to communicate a story (e.g., photography, video).</li> <li>• Analyze and evaluate the effectiveness of a graphic object designed and produced to communicate a thought or concept.</li> <li>• Apply basic technical drawing techniques to communicate an idea or solution to a problem.</li> <li>• Apply the appropriate method of communications technology to communicate a thought.</li> </ul>	<p>B. Apply knowledge of information technologies of encoding, transmitting, receiving, storing, retrieving and decoding.</p> <ul style="list-style-type: none"> <li>• Describe the proper use of graphic and electronic communication systems.</li> <li>• Apply a variety of advanced mechanical and electronic drafting methods to communicate a solution to a specific problem.</li> <li>• Apply and analyze advanced communication techniques to produce an image that effectively conveys a message (e.g., desktop publishing, audio and/or video production).</li> <li>• Illustrate an understanding of a computer network system by modeling, constructing or assembling its components.</li> </ul>	<p>B. Analyze knowledge of information technologies of processes encoding, transmitting, receiving, storing, retrieving and decoding.</p> <ul style="list-style-type: none"> <li>• Apply and analyze advanced information techniques to produce a complex image that effectively conveys a message (e.g., desktop publishing, audio and/or video production).</li> <li>• Analyze and evaluate a message designed and produced using still, motion and animated communication techniques.</li> <li>• Describe the operation of fiber optic, microwave and satellite informational systems.</li> <li>• Apply various graphic and electronic information techniques to solve real world problems (e.g., data organization and analysis, forecasting, interpolation).</li> </ul>

<b>3.6. Technology Education</b>			
<b>3.6.4. GRADE 4</b>	<b>3.6.7. GRADE 7</b>	<b>3.6.10. GRADE 10</b>	<b>3.6.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .</i></b>			
<p>C. Know physical technologies of structural design, analysis and engineering, finance, production, marketing, research and design.</p> <ul style="list-style-type: none"> <li>• Identify and group a variety of construction tasks.</li> <li>• Identify the major construction systems present in a specific local building.</li> <li>• Identify specific construction systems that depend on each other in order to complete a project.</li> <li>• Know skills used in construction.</li> <li>• Identify examples of manufactured goods present in the home and school.</li> <li>• Identify basic resources needed to produce a manufactured item.</li> <li>• Identify basic component operations in a specific manufacturing enterprise (e.g., cutting, shaping, attaching).</li> <li>• Identify waste and pollution resulting from a manufacturing enterprise.</li> <li>• Explain and demonstrate the concept of manufacturing (e.g., assemble a set of papers or ball point pens sequentially, mass produce an object).</li> <li>• Identify transportation technologies of propelling, structuring, suspending, guiding, controlling and supporting.</li> <li>• Identify and experiment with simple machines used in transportation systems.</li> <li>• Explain how improved transportation systems have changed society.</li> </ul>	<p>C. Explain physical technologies of structural design, analysis and engineering, personnel relations, financial affairs, structural production, marketing, research and design.</p> <ul style="list-style-type: none"> <li>• Use knowledge of material effectiveness to solve specific construction problems (e.g., steel vs. wood bridges).</li> <li>• Differentiate among the different types of construction applications (e.g., microwave tower, power plants, aircrafts).</li> <li>• Explain basic material processes that manufactured objects undergo during production (e.g., separating, forming, combining).</li> <li>• Evaluate a construction activity by specifying task analyses and necessary resources.</li> <li>• Explain the relationships among the basic resources needed in the production process for a specific manufactured object.</li> <li>• Explain the difference between design engineering and production engineering processes.</li> <li>• Analyze manufacturing steps that affect waste and pollutants.</li> <li>• Explain transportation technologies of propelling, structuring, suspending, guiding, controlling and supporting.</li> <li>• Identify and explain the workings of several mechanical power systems.</li> <li>• Model and explain examples of vehicular propulsion, control, guidance, structure and suspension systems.</li> <li>• Explain the limitations of land, marine, air and space transportation systems.</li> </ul>	<p>C. Apply physical technologies to structural design, analysis and engineering, personnel relations, financial affairs, structural production, marketing, research and design to real world problems.</p> <ul style="list-style-type: none"> <li>• Describe and classify common construction by their characteristics and composition.</li> <li>• Compare and contrast specific construction systems that depend on each other in order to complete a project.</li> <li>• Evaluate material failure common to specific applications.</li> <li>• Demonstrate knowledge of various construction systems by building or interpreting models.</li> <li>• Select and apply the necessary resources to successfully conduct a manufacturing enterprise.</li> <li>• Apply concepts of design engineering and production engineering in the organization and application of a manufacturing activity.</li> <li>• Apply the concepts of manufacturing by re-designing an enterprise to improve productivity or reduce or eliminate waste and/or pollution.</li> <li>• Evaluate the interrelationship of various transportation systems in the community.</li> <li>• Analyze the impacts that transportation systems have on a community.</li> </ul>	<p>C. Analyze physical technologies of structural design, analysis and engineering, personnel relations, financial affairs, structural production, marketing, research and design to real world problems.</p> <ul style="list-style-type: none"> <li>• Apply knowledge of construction technology by designing, planning and applying all the necessary resources to successfully solve a construction problem.</li> <li>• Compare resource options in solving a specific manufacturing problem.</li> <li>• Analyze and apply complex skills needed to process materials in complex manufacturing enterprises.</li> <li>• Apply advanced information collection and communication techniques to successfully convey solutions to specific construction problems.</li> <li>• Assess the importance of capital on specific construction applications.</li> <li>• Analyze the positive and negative qualities of several different types of materials as they would relate to specific construction applications.</li> <li>• Analyze transportation technologies of propelling, structuring, suspending, guiding, controlling and supporting.</li> <li>• Analyze the concepts of vehicular propulsion, guidance, control, suspension and structural systems while designing and producing specific complex transportation systems.</li> </ul>

**Refer to Physical Science Standard Category 3.4 for concepts that deal with Technology Standards.**

**3.7. Technological Devices**

<b>3.7.4. GRADE 4</b>	<b>3.7.7. GRADE 7</b>	<b>3.7.10. GRADE 10</b>	<b>3.7.12. GRADE 12</b>
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*Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .*

<p>A. Explore the use of basic tools, simple materials and techniques to safely solve problems.</p> <ul style="list-style-type: none"> <li>• Describe the scientific principles on which various tools are based.</li> <li>• Group tools and machines by their function.</li> <li>• Select and safely apply appropriate tools and materials to solve simple problems.</li> </ul> <p>B. Select appropriate instruments to study materials.</p> <ul style="list-style-type: none"> <li>• Develop simple skills to measure, record, cut and fasten.</li> <li>• Explain appropriate instrument selection for specific tasks.</li> </ul>	<p>A. Describe the safe and appropriate use of tools, materials and techniques to answer questions and solve problems.</p> <ul style="list-style-type: none"> <li>• Identify uses of tools, machines, materials, information, people, money, energy and time that meet specific design criteria.</li> <li>• Describe safe procedures for using tools and materials.</li> <li>• Assess materials for appropriateness of use.</li> </ul> <p>B. Use appropriate instruments and apparatus to study materials.</p> <ul style="list-style-type: none"> <li>• Select appropriate instruments to measure the size, weight, shape and temperature of living and non-living objects.</li> <li>• Apply knowledge of different measurement systems to measure and record objects' properties.</li> </ul>	<p>A. Identify and safely use a variety of tools, basic machines, materials and techniques to solve problems and answer questions.</p> <ul style="list-style-type: none"> <li>• Select and safely apply appropriate tools, materials and processes necessary to solve complex problems.</li> <li>• Apply advanced tool and equipment manipulation techniques to solve problems.</li> </ul> <p>B. Apply appropriate instruments and apparatus to examine a variety of objects and processes.</p> <ul style="list-style-type: none"> <li>• Describe and use appropriate instruments to gather and analyze data.</li> <li>• Compare and contrast different scientific measurement systems; select the best measurement system for a specific situation.</li> <li>• Explain the need to estimate measurements within error of various instruments.</li> <li>• Apply accurate measurement knowledge to solve everyday problems.</li> <li>• Describe and demonstrate the operation and use of advanced instrumentation in evaluating material and chemical properties (e.g., scanning electron microscope, nuclear magnetic resonance machines).</li> </ul>	<p>A. Apply advanced tools, materials and techniques to answer complex questions.</p> <ul style="list-style-type: none"> <li>• Demonstrate the safe use of complex tools and machines within their specifications.</li> <li>• Select and safely apply appropriate tools, materials and processes necessary to solve complex problems that could result in more than one solution.</li> <li>• Evaluate and use technological resources to solve complex multi-step problems.</li> </ul> <p>B. Evaluate appropriate instruments and apparatus to accurately measure materials and processes.</p> <ul style="list-style-type: none"> <li>• Apply and evaluate the use of appropriate instruments to accurately measure scientific and technologic phenomena within the error limits of the equipment.</li> <li>• Evaluate the appropriate use of different measurement scales (macro and micro).</li> <li>• Evaluate the utility and advantages of a variety of absolute and relative measurement scales for their appropriate application.</li> </ul>
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**Computer literacy, including the use of hardware and software in standard statements C, D, and E, should be integrated across all content areas.**

<b>3.7. Technological Devices</b>			
<b>3.7.4. GRADE 4</b>	<b>3.7.7. GRADE 7</b>	<b>3.7.10. GRADE 10</b>	<b>3.7.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .</i></b>			
<p>C. Identify basic computer operations and concepts.</p> <ul style="list-style-type: none"> <li>• Identify the major parts necessary for a computer to input and output data.</li> <li>• Explain and demonstrate the basic use of input and output devices (e.g., keyboard, monitor, printer, mouse).</li> <li>• Explain and demonstrate the use of external and internal storage devices (e.g., disk drive, CD drive).</li> </ul> <p>D. Use basic computer software.</p> <ul style="list-style-type: none"> <li>• Apply operating system skills to perform basic computer tasks.</li> <li>• Apply basic word processing skills.</li> <li>• Identify and use simple graphic and presentation graphic materials generated by the computer.</li> <li>• Apply specific instructional software.</li> </ul>	<p>C. Explain and demonstrate basic computer operations and concepts.</p> <ul style="list-style-type: none"> <li>• Know specialized computer applications used in the community.</li> <li>• Describe the function of advanced input and output devices (e.g., scanners, video images, plotters, projectors) and demonstrate their use.</li> <li>• Demonstrate age appropriate keyboarding skills and techniques.</li> </ul> <p>D. Apply computer software to solve specific problems.</p> <ul style="list-style-type: none"> <li>• Identify software designed to meet specific needs (e.g., Computer Aided Drafting, design software, tutorial, financial, presentation software).</li> <li>• Identify and solve basic software problems relevant to specific software applications.</li> <li>• Identify basic multimedia applications.</li> <li>• Demonstrate a basic knowledge of desktop publishing applications.</li> <li>• Apply intermediate skills in utilizing word processing, database and spreadsheet software.</li> <li>• Apply basic graphic manipulation techniques.</li> </ul>	<p>C. Apply basic computer operations and concepts.</p> <ul style="list-style-type: none"> <li>• Identify solutions to basic hardware and software problems.</li> <li>• Apply knowledge of advanced input devices.</li> <li>• Apply knowledge of hardware setup.</li> <li>• Describe the process for basic software installation and demonstrate it.</li> <li>• Analyze and solve basic operating systems problems.</li> <li>• Apply touch keyboarding skills and techniques at expectable speed and accuracy.</li> <li>• Demonstrate the ability to perform basic software installation.</li> </ul> <p>D. Utilize computer software to solve specific problems.</p> <ul style="list-style-type: none"> <li>• Identify legal restrictions in the use of software and the output of data.</li> <li>• Apply advanced graphic manipulation and desktop publishing techniques.</li> <li>• Apply basic multimedia applications.</li> <li>• Apply advanced word processing, database and spreadsheet skills.</li> <li>• Describe and demonstrate how two or more software applications can be used to produce an output.</li> <li>• Select and apply software designed to meet specific needs.</li> </ul>	<p>C. Evaluate computer operations and concepts as to their effectiveness to solve specific problems.</p> <ul style="list-style-type: none"> <li>• Describe and demonstrate atypical software installation.</li> <li>• Analyze and solve hardware and advanced software problems.</li> <li>• Assess and apply multiple input and output devices to solve specific problems.</li> </ul> <p>D. Evaluate the effectiveness of computer software to solve specific problems.</p> <ul style="list-style-type: none"> <li>• Evaluate the effectiveness of software to produce an output and demonstrate the process.</li> <li>• Design and apply advanced multimedia techniques.</li> <li>• Analyze, select and apply the appropriate software to solve complex problems.</li> <li>• Evaluate the effectiveness of the computer as a presentation tool.</li> <li>• Analyze the legal responsibilities of computer users.</li> </ul>

<b>3.7. Technological Devices</b>			
<b>3.7.4. GRADE 4</b>	<b>3.7.7. GRADE 7</b>	<b>3.7.10. GRADE 10</b>	<b>3.7.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .</i></b>			
<p>E. Identify basic computer communications systems.</p> <ul style="list-style-type: none"> <li>• Apply a web browser.</li> <li>• Apply basic electronic mail functions.</li> <li>• Use on-line searches to answer age appropriate questions.</li> </ul>	<p>E. Explain basic computer communications systems.</p> <ul style="list-style-type: none"> <li>• Describe the organization and functions of the basic parts that make up the World Wide Web.</li> <li>• Apply advanced electronic mail functions.</li> <li>• Apply basic on-line research techniques to solve a specific problem.</li> </ul>	<p>E. Apply basic computer communications systems.</p> <ul style="list-style-type: none"> <li>• Identify and explain various types of on-line services.</li> <li>• Identify and explain the function of the parts of a basic network.</li> <li>• Describe and apply the components of a web page and their function.</li> <li>• Explain and demonstrate file transfer within and out side of a computer network.</li> <li>• Identify, describe and complete advanced on-line research.</li> </ul>	<p>E. Assess the effectiveness of computer communications systems.</p> <ul style="list-style-type: none"> <li>• Assess the effectiveness of a computer based communications system.</li> <li>• Transfer files among different computer platforms.</li> <li>• Analyze the effectiveness of on-line information resources to meet the needs for collaboration, research, publications, communications and productivity.</li> <li>• Apply knowledge of protocol standards to solve connectivity problems.</li> </ul>

<b>3.8. Science, Technology and Human Endeavors</b>			
<b>3.8.4. GRADE 4</b>	<b>3.8.7. GRADE 7</b>	<b>3.8.10. GRADE 10</b>	<b>3.8.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .</i></b>			
<p>A. Know that people select, create and use science and technology and is limited by social and physical restraints.</p> <ul style="list-style-type: none"> <li>• Identify and describe positive and negative impacts that influence or result from new tools and techniques.</li> <li>• Identify how physical technology (e.g., construction, manufacturing, transportation), informational technology and biotechnology are used to meet human needs.</li> <li>• Describe how scientific discoveries and technological advancements are related.</li> <li>• Identify interrelationships among technology, people and their world.</li> <li>• Apply the technological design process to solve a simple problem.</li> </ul>	<p>A. Explain how sciences and technologies are limited in their effects and influences on society.</p> <ul style="list-style-type: none"> <li>• Identify and describe the unavoidable constraints of technological design.</li> <li>• Identify changes in society as a result of a technological development.</li> <li>• Identify and explain improvements in transportation, health, sanitation and communications as a result of advancements in science and technology and how they effect our lives.</li> </ul>	<p>A. Analyze the relationship between societal demands and scientific and technological enterprises.</p> <ul style="list-style-type: none"> <li>• Identify past and current tradeoffs between increased production, environmental harm and social values (e.g., increased energy needs, power plants, automobiles).</li> <li>• Compare technologies that are applied and accepted differently in various cultures (e.g., factory farming, nuclear power).</li> <li>• Describe and evaluate social change as a result of technological developments.</li> <li>• Assess the social impacts of a specific international environmental problem by designing a solution that applies the appropriate technologies and resources.</li> </ul>	<p>A. Synthesize and evaluate the interactions and constraints of science and technology on society.</p> <ul style="list-style-type: none"> <li>• Compare and contrast how scientific and technological knowledge is both shared and protected.</li> <li>• Evaluate technological developments that have changed the way humans do work and discuss their impacts (e.g., genetically engineered crops).</li> <li>• Evaluate socially proposed limitations of scientific research and technological application.</li> </ul>

<b>3.8. Science, Technology and Human Endeavors</b>			
<b>3.8.4. GRADE 4</b>	<b>3.8.7. GRADE 7</b>	<b>3.8.10. GRADE 10</b>	<b>3.8.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .</i></b>			
<p>B. Know how human ingenuity and technological resources satisfy specific human needs and improve the quality of life.</p> <ul style="list-style-type: none"> <li>• Identify and distinguish between human needs and improving the quality of life.</li> <li>• Identify and distinguish between natural and human-made resources.</li> <li>• Describe a technological invention and the resources that were used to develop it.</li> </ul>	<p>B. Explain how human ingenuity and technological resources satisfy specific human needs and improve the quality of life.</p> <ul style="list-style-type: none"> <li>• Identify interrelationships between systems and resources.</li> <li>• Identify and describe the resources necessary to solve a selected problem in a community and improve the quality of life.</li> </ul>	<p>B. Analyze how human ingenuity and technological resources satisfy specific human needs and improve the quality of life.</p> <ul style="list-style-type: none"> <li>• Identify several problems and opportunities that exist in your community, apply various problem-solving methods to design and evaluate possible solutions.</li> <li>• Analyze a recently invented item, describing the human need that prompted its invention and the current and potential social impacts of the specific invention.</li> <li>• Apply knowledge of oceanography, meteorology, geology and human anatomy to explain important considerations that need to be made for construction of homes, buildings and businesses in the United States.</li> </ul>	<p>B. Apply the use of ingenuity and technological resources to solve specific societal needs and improve the quality of life.</p> <ul style="list-style-type: none"> <li>• Apply appropriate tools, materials and processes to solve complex problems.</li> <li>• Use knowledge of human abilities to design or modify technologies that extend and enhance human abilities.</li> <li>• Apply appropriate tools, materials and processes to physical, informational or biotechnological systems to identify and recommend solutions to international problems.</li> </ul>



3.8. Science, Technology and Human Endeavors			
3.8.4. GRADE 4	3.8.7. GRADE 7	3.8.10. GRADE 10	3.8.12. GRADE 12
<i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to . . .</i>			
<p>C. Know the pros and cons of possible solutions to scientific and technological problems in society.</p> <ul style="list-style-type: none"> <li>• Compare the positive and negative expected and unexpected impacts of technological change.</li> <li>• Identify and discuss examples of technological change in the community that have both positive and negative impacts.</li> </ul>	<p>C. Identify the pros and cons of applying technological and scientific solutions to address problems and the effect upon society.</p> <ul style="list-style-type: none"> <li>• Describe the positive and negative expected and unexpected effects of specific technological developments.</li> <li>• Describe ways technology extends and enhances human abilities.</li> </ul>	<p>C. Evaluate possibilities, consequences and impacts of scientific and technological solutions.</p> <ul style="list-style-type: none"> <li>• Relate scientific and technological advancements in terms of cause and effect.</li> <li>• Describe and evaluate the impacts that financial considerations have had on specific scientific and technological applications.</li> <li>• Compare and contrast potential solutions to technological, social, economic and environmental problems.</li> <li>• Analyze the impacts on society of accepting or rejecting scientific and technological advances.</li> </ul>	<p>C. Evaluate the consequences and impacts of scientific and technological solutions.</p> <ul style="list-style-type: none"> <li>• Propose solutions to specific scientific and technological applications, identifying possible financial considerations.</li> <li>• Analyze scientific and technological solutions through the use of risk/benefit analysis.</li> <li>• Analyze and communicate the positive or negative impacts that a recent technological invention had on society.</li> <li>• Evaluate and describe potential impacts from emerging technologies and the consequences of not keeping abreast of technological advancements (e.g., assessment alternatives, risks, benefits, costs, economic impacts, constraints).</li> </ul>

### IX. GLOSSARY

<b>Allele:</b>	Any of a set of possible forms of a gene.
<b>Biochemical conversion:</b>	The changing of organic matter into other chemical forms.
<b>Biomass conversion:</b>	The changing of organic matter that has been produced by photosynthesis into useful liquid, gas or fuel.
<b>Biomedical technology:</b>	The application of health care theories to develop methods, products and tools to maintain or improve homeostasis.
<b>Biomes:</b>	A community of living organisms of a single major ecological region.
<b>Biotechnology:</b>	The ways that humans apply biological concepts to produce products and provide services.
<b>Carbon chemistry:</b>	The science of the composition, structure, properties and reactions of carbon based matter, especially of atomic and molecular systems; sometimes referred to as organic chemistry.
<b>Construction technology:</b>	The ways that humans build structures on sites.
<b>Desalinization:</b>	To remove salts and other chemicals from sea or saline water.
<b>Dichotomous:</b>	Divided or dividing into two parts or classifications.
<b>Electronic communication:</b>	System for the transmission of information using electronic technology (e.g., digital cameras, cellular telephones, Internet, television, fiber optics).
<b>Embryology:</b>	The branch of biology dealing with the development of living things from fertilized egg to its developed state.
<b>Engineering:</b>	The application of scientific, physical, mechanical and mathematical principles to design processes, products and structures that improve the quality of life.
<b>Enzyme:</b>	A protein that increases the rate of a chemical reaction without being changed by the reaction; an organic catalyst.
<b>Ergonomical:</b>	Of or relating to the design of equipment or devices to fit the human body's control, position, movement and environment.

<b>Geologic hazard:</b>	A naturally occurring or man-made condition or phenomenon that presents a risk or is a potential danger to life and property (e.g., landslides, floods, earthquakes, ground subsidence, coastal and beach erosion, faulting, dam leakage and failure, mining disasters, pollution and waste disposal, sinkholes).
<b>Geologic map:</b>	A representation of a region on which is recorded earth information (e.g., the distribution, nature and age relationships of rock units and the occurrences of structural features, mineral deposits and fossil localities).
<b>Hydrology:</b>	The scientific study of the properties, distribution and effects of water on the earth's surface, in the soil and underlying rocks and in the atmosphere.
<b>Information technology:</b>	The technical means that humans create to store and transmit information.
<b>Inquiry:</b>	A systematic process for using knowledge and skills to acquire and apply new knowledge.
<b>Instructional technology:</b>	Any mechanical aid (including computer technology) used to assist in or enhance the process of teaching and learning.
<b>Manufacturing technology:</b>	The ways that humans produce goods and products.
<b>Mitosis:</b>	The sequential differentiation and segregation of replicated chromosomes in a cell's nucleus that precedes complete cell division.
<b>Model:</b>	A description, analogy or a representation of something that helps us understand it better (e.g., a physical model, a conceptual model, a mathematical model).
<b>Nova:</b>	A variable star that suddenly increases in brightness to several times its normal magnitude and returns to its original appearance in a few weeks to several months or years.
<b>Patterns:</b>	Repeated processes that are exhibited in a wide variety of ways; identifiable recurrences of the element and/or the form.
<b>Physical technology:</b>	The ways that humans construct, manufacture and transport products.
<b>Radioactive isotope:</b>	An atom that gives off nuclear radiation and has the same number of protons (atomic number) as another atom but a different number of neutrons.
<b>Relationship between science and technology:</b>	Science builds principles or theories while technology is the practical application of those principles or theories.
<b>Scale:</b>	Relates concepts and ideas to one another by some measurement (e.g., quantitative, numeral, abstract, ideological); provides a measure of size and/or incremental change.
<b>Science:</b>	Search for understanding the natural world using inquiry and experimentation.
<b>System:</b>	A group of related objects that work together to achieve a desired result.
<b>Open Loop system:</b>	A group of related objects that do not have feedback and cannot modify themselves.
<b>Closed Loop system:</b>	A group of related objects that have feedback and can modify themselves.
<b>Subsystem:</b>	A group of related objects that make up a larger system (e.g., automobiles have electrical systems, fuel systems).
<b>Technology education:</b>	The application of tools, materials, processes and systems to solve problems and extend human capabilities.
<b>Technological design process:</b>	Recognizing the problem, proposing a solution, implementing the solution, evaluating the solution and communicating the problem, design and solution.
<b>Topographic map:</b>	A representation of a region on a sufficient scale to show detail, selected man-made and natural features of a portion of the land surface including its relief and certain physical and cultural features; the portrayal of the position, relation, size, shape and elevation of the area.
<b>Transportation systems:</b>	A group of related parts that function together to perform a major task in any form of transportation.
<b>Transportation technology:</b>	The physical ways humans move materials, goods and people.
<b>Tool:</b>	Any device used to extend human capability including computer-based tools.

**Proposed Academic Standards for Environment and Ecoogy**

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**XI. INTRODUCTION**

This document includes Environment and Ecology standards that describe what students should know and be able to do in these areas:

- 4.1. Watersheds and Wetlands
- 4.2. Renewable and Nonrenewable Resources
- 4.3. Environmental Health
- 4.4. Agriculture and Society
- 4.5. Integrated Pest Management
- 4.6. Ecosystems and their Interactions
- 4.7. Threatened, Endangered and Extinct Species
- 4.8. Humans and the Environment
- 4.9. Environmental Laws and Regulations

The Declaration of Rights, Article I of the Pennsylvania Constitution states in Section 27: "The people have a right to clean air, pure water, and to the preservation of the natural, scenic, historic and aesthetic values of the

environment. Pennsylvania's public natural resources are the common property of all people, including generations yet to come. As trustee of these resources, the Commonwealth shall conserve and maintain them for the benefit of all the people." To this end it is our responsibility to develop a citizenry that is aware of and concerned about the total environment and has the knowledge and skills to work toward solutions to current problems and the prevention of new ones.

Environment and Ecology is grounded in the complexity of the world we live in and our impact on its sustainability. The human interactions with the ecosystem and the results of human decisions are the main components of this academic area. Environment and Ecology examines the world with respect to the economic, cultural, political and social structure as well as natural processes and systems. This integration across systems is what sets this academic area apart from all others.

Environment and Ecology places its main emphasis in the real world. It allows students to understand, through a sound academic content base, how their everyday lives evolve around their use of the natural world and the resources it provides. As we move into a more technologically driven society, it is crucial for every student to be aware of his/her dependence on a healthy environment. The 21st century will demand a more sophisticated citizen capable of making sound decisions that will impact our natural systems forever.

These standards establish the essential elements of what students should know and be able to do at the end of grades four, seven, ten and twelve. The sequential nature of this document reflects the need for rigorous academic content that students will be expected to achieve. The standards will help students understand decision-making processes, the art of compromise and problem solving skills. The document reinforces all areas across the grade levels with increasing degrees of difficulty as the students mature intellectually.

Environment and Ecology is a very engaging academic area that captivates students' innate interests in their surroundings of the natural and built environment. The skills and knowledge that are addressed in this area of study will serve as tools for student participation in a democratic world of constantly evolving issues and concerns. As they achieve these standards, students will become aware of the role they play in the community in reaching decisions related to the environment.

The study of Environment and Ecology will allow students to be active participants and problem solvers in real issues that affect them, their homes, schools and communities.

A glossary is included to assist the reader in understanding terminology contained in the standards.

<b>4.1. Watersheds and Wetlands</b>			
<b>4.1.4. GRADE 4</b>	<b>4.1.7. GRADE 7</b>	<b>4.1.10. GRADE 10</b>	<b>4.1.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to:</i></b>			
<p>A. Identify various types of water environments.</p> <ul style="list-style-type: none"> <li>• Identify the lotic system (e.g., creeks, rivers, streams).</li> <li>• Identify the lentic system (e.g., ponds, lakes, swamps).</li> </ul> <p>B. Explain the differences between moving and still water.</p> <ul style="list-style-type: none"> <li>• Explain why water moves or does not move.</li> <li>• Identify types of precipitation.</li> </ul>	<p>A. Explain the role of the water cycle within a watershed.</p> <ul style="list-style-type: none"> <li>• Explain the water cycle.</li> <li>• Explain the water cycle as it relates to a watershed.</li> </ul> <p>B. Understand the role of the watershed.</p> <ul style="list-style-type: none"> <li>• Identify and explain what determines the boundaries of a watershed.</li> <li>• Explain how water enters a watershed.</li> <li>• Explain factors that affect water quality and flow through a watershed.</li> </ul>	<p>A. Describe changes that occur from a stream's origin to its final outflow.</p> <ul style="list-style-type: none"> <li>• Identify Pennsylvania's major watersheds and their related river systems.</li> <li>• Describe changes by tracing a specific river's origin back to its headwaters including its major tributaries.</li> </ul> <p>B. Explain the relationship among landforms, vegetation and the amount and speed of water.</p> <ul style="list-style-type: none"> <li>• Analyze a stream's physical characteristics.</li> <li>• Describe how topography influences streams.</li> <li>• Explain the influence of mountains on precipitation.</li> <li>• Explain how vegetation affects storm water runoff.</li> <li>• Delineate the boundaries of a watershed.</li> <li>• Describe factors that affect the quality of groundwater.</li> <li>• Explain how the speed of water and vegetation cover relates to erosion.</li> </ul>	<p>A. Categorize stream order in a watershed.</p> <ul style="list-style-type: none"> <li>• Explain the concept of stream order.</li> <li>• Identify the order of watercourses within a major river's watershed.</li> <li>• Compare and contrast the physical differences found in the stream continuum from headwater to mouth (e.g., the velocity; volume of water).</li> </ul> <p>B. Explain the relationships that exist within watersheds in the United States.</p> <ul style="list-style-type: none"> <li>• Understand that various ecosystems may be contained in a watershed.</li> <li>• Examine and describe the ecosystems contained within a specific watershed.</li> <li>• Identify and describe the major watersheds in the United States.</li> </ul>

4.1. Watersheds and Wetlands			
4.1.4. GRADE 4	4.1.7. GRADE 7	4.1.10. GRADE 10	4.1.12. GRADE 12
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to:</i></b>			
<p>C. Identify living things found in water environments.</p> <ul style="list-style-type: none"> <li>Identify fish, insects and amphibians that are found in fresh water.</li> <li>Identify plants found in fresh water.</li> </ul>	<p>C. Explain the effects of water on the life of organisms in a watershed.</p> <ul style="list-style-type: none"> <li>Explain how water is necessary for all life.</li> <li>Explain how the physical components of aquatic systems influence the organisms that live there in terms of size, shape and physical adaptations.</li> <li>Describe the life cycle of organisms that depend on water.</li> <li>Identify organisms that have aquatic stages of life and describe those stages.</li> </ul>	<p>C. Describe the physical characteristics of a stream and determine the types of organisms found in aquatic environments.</p> <ul style="list-style-type: none"> <li>Describe and explain the physical factors that affect a stream and the organisms living there.</li> <li>Identify terrestrial and aquatic organisms that live in a watershed.</li> <li>Categorize aquatic organisms found in a watershed continuum from headwater to mouth (e.g., shredder, predator, decomposer).</li> <li>Identify the types of organisms that would live in a stream based on the stream's physical characteristics.</li> <li>Explain the habitat needs of specific aquatic organisms.</li> </ul>	<p>C. Analyze the parameters of a watershed.</p> <ul style="list-style-type: none"> <li>Interpret physical, chemical and biological data as a means of assessing the environmental quality of a watershed.</li> <li>Apply appropriate techniques in the analysis of a watershed (e.g., water quality, biological diversity, erosion, sedimentation).</li> </ul>
<p>D. Identify a wetland and the plants and animals found there.</p> <ul style="list-style-type: none"> <li>Identify different kinds of wetlands.</li> <li>Identify plants and animals found in wetlands.</li> <li>Explain wetlands as habitats for plants and animals.</li> </ul>	<p>D. Explain and describe characteristics of a wetland.</p> <ul style="list-style-type: none"> <li>Identify specific characteristics of wetland plants and soils.</li> <li>Recognize the common types of plants and animals.</li> <li>Describe different types of wetlands.</li> <li>Describe the different functions of a wetland.</li> </ul>	<p>D. Describe the multiple functions of wetlands.</p> <ul style="list-style-type: none"> <li>Describe wetlands in terms of their effects (e.g., habitat, flood, buffer zones, prevention areas, nurseries, food production areas).</li> <li>Explain how a wetland influences water quality, wildlife and water retention.</li> <li>Analyze wetlands through their indicators (e.g., soils, plants, hydrology).</li> </ul>	<p>D. Analyze the complex and diverse ecosystems of wetlands.</p> <ul style="list-style-type: none"> <li>Explain the functions of habitat, nutrient production, migration stopover and groundwater recharge as it relates to wetlands.</li> <li>Explain the dynamics of a wetland ecosystem.</li> <li>Describe and analyze different types of wetlands.</li> </ul>
<p>E. Recognize the impact of watersheds and wetlands on animals and plants.</p> <ul style="list-style-type: none"> <li>Explain the role of watersheds in everyday life.</li> <li>Identify the role of watersheds and wetlands for plants and animals.</li> </ul>	<p>E. Describe the impact of watersheds and wetlands on people.</p> <ul style="list-style-type: none"> <li>Explain the impact of watersheds and wetlands in flood control, wildlife habitats and pollution abatement.</li> <li>Explain the influence of flooding on wetlands.</li> </ul>	<p>E. Identify and describe natural and human events on watersheds and wetlands.</p> <ul style="list-style-type: none"> <li>Describe how natural events affect a watershed (e.g., drought, floods).</li> <li>Identify the effects of humans and human events on watersheds.</li> </ul>	<p>E. Evaluate the trade-offs, costs and benefits of conserving watersheds and wetlands.</p> <ul style="list-style-type: none"> <li>Evaluate the effects of natural events on watersheds and wetlands.</li> <li>Evaluate the effects of human activities on watersheds and wetlands.</li> </ul>

<b>4.2. Renewable and Nonrenewable Resources</b>			
<b>4.2.4. GRADE 4</b>	<b>4.2.7. GRADE 7</b>	<b>4.2.10. GRADE 10</b>	<b>4.2.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to:</i></b>			
<p>A. Identify needs of people.</p> <ul style="list-style-type: none"> <li>• Identify plants, animals, water, air, minerals and fossil fuels as natural resources.</li> <li>• Explain air, water and nutrient cycles.</li> <li>• Identify how the environment provides for the needs of people.</li> </ul> <p>B. Identify products derived from natural resources.</p> <ul style="list-style-type: none"> <li>• Identify products made from trees.</li> <li>• Identify by-products of plants and animals.</li> <li>• Identify the sources of manmade products (e.g., plastics, metal, aluminum, fabrics, paper, cardboard).</li> </ul>	<p>A. Know that raw materials come from natural resources.</p> <ul style="list-style-type: none"> <li>• Identify resources used to provide humans with energy, food, housing and water.</li> <li>• Explain how plants and animals may be classified as natural resources.</li> <li>• Compare means of growing or acquiring food.</li> <li>• Identify fiber and other raw materials used in clothing and shelter production.</li> <li>• Identify types of minerals and fossil fuels used by humans.</li> </ul> <p>B. Examine the renewability of the resources.</p> <ul style="list-style-type: none"> <li>• Identify renewable resources and describe their uses.</li> <li>• Identify nonrenewable resources and describe their uses.</li> <li>• Compare finished products to their original raw material.</li> <li>• Identify the water derived from the use of renewable and nonrenewable resources.</li> <li>• Determine how consumption may impact the availability of resources.</li> <li>• Compare the time spans of renewability for fossil fuels and alternative fuels.</li> </ul>	<p>A. Explain that renewable and nonrenewable resources supply energy and materials.</p> <ul style="list-style-type: none"> <li>• Identify alternative sources of energy.</li> <li>• Identify and compare fuels used in industrial and agricultural societies.</li> <li>• Compare and contrast the cycles of various natural resources.</li> <li>• Explain food and fiber as renewable resources.</li> </ul> <p>B. Evaluate factors affecting availability of natural resources.</p> <ul style="list-style-type: none"> <li>• Describe natural occurrences that may affect the natural resources.</li> <li>• Analyze technologies that affect the use of our natural resources.</li> <li>• Evaluate the effect of consumer desires on various natural resources.</li> </ul>	<p>A. Analyze the use of renewable and nonrenewable resources.</p> <ul style="list-style-type: none"> <li>• Explain the effects on the environment and sustainability through the use of nonrenewable resources.</li> <li>• Evaluate the advantages and disadvantages of reusing our natural resources.</li> </ul> <p>B. Analyze factors affecting the availability of renewable and nonrenewable resources.</p> <ul style="list-style-type: none"> <li>• Evaluate the use of natural resources and offer approaches for using them while diminishing waste.</li> <li>• Compare the economics of different areas based on the availability and accessibility of the natural resources.</li> </ul>

<b>4.2. Renewable and Nonrenewable Resources</b>			
<b>4.2.4. GRADE 4</b>	<b>4.2.7. GRADE 7</b>	<b>4.2.10. GRADE 10</b>	<b>4.2.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to:</i></b>			
<p>C. Know that some natural resources have limited life spans.</p> <ul style="list-style-type: none"> <li>Identify renewable and nonrenewable resources used in the local community.</li> <li>Identify various means of conserving natural resources.</li> <li>Know that natural resources have varying life spans.</li> </ul> <p>D. Identify by-products and their use of natural resources.</p> <ul style="list-style-type: none"> <li>Understand the waste stream.</li> <li>Identify those items that can be recycled and those that can not.</li> <li>Identify use of reusable products.</li> <li>Identify the use of compost, landfills and incinerators.</li> </ul>	<p>C. Explain natural resource distribution.</p> <ul style="list-style-type: none"> <li>Distinguish between readily available and less accessible resources.</li> <li>Identify the locations of different concentrations of fossil fuels and mineral resources.</li> <li>Analyze the effects of management practices on air, land and water in forestry, agriculture, fisheries, wildlife, mining and food and fiber production that is unique to different climates.</li> </ul> <p>D. Describe the role of recycling and waste management.</p> <ul style="list-style-type: none"> <li>Identify materials that can be recycled in the community.</li> <li>Explain the process of closing the loop in recycling.</li> <li>Compare the decomposition rates of different organic materials.</li> <li>Describe methods that could be used to reuse materials for new products.</li> <li>Evaluate the costs and benefits of disposable products.</li> </ul>	<p>C. Analyze how man-made systems have impacted the management and distribution of natural resources.</p> <ul style="list-style-type: none"> <li>Explain the complete cycle of a natural resource, from extraction to disposal, detailing its uses and effects on the environment.</li> <li>Analyze energy uses and energy conservation in different regions.</li> <li>Examine conservation practices in different countries.</li> <li>Analyze the costs and benefits of different man-made systems and how they use renewable and nonrenewable natural resources.</li> <li>Analyze the impact of information systems on management and distribution of natural resources.</li> </ul> <p>D. Explain different management alternatives involved in recycling and solid waste management.</p> <ul style="list-style-type: none"> <li>Analyze the manufacturing process (before, during and after) with consideration for resource recovery.</li> <li>Compare various methods dealing with solid waste (e.g., incineration, compost, land application).</li> <li>Differentiate between pre/post-consumer and raw materials.</li> <li>Illustrate how one natural resource can be managed through reduction, recycling, reuse or use.</li> </ul>	<p>C. Analyze factors that influence the availability of natural resources.</p> <ul style="list-style-type: none"> <li>Compare the use of natural resources in different countries.</li> <li>Determine how delivery systems influence the availability of resources at the local, regional and national level.</li> </ul> <p>D. Evaluate solid waste management practices.</p> <ul style="list-style-type: none"> <li>Examine and explain the path of a recyclable material from collection to waste, reuse or recycling identifying the market forces.</li> <li>Understand current regulations concerning recycling and solid waste.</li> <li>Research new technologies in the use, reuse or recycling of materials.</li> </ul>

<b>4.3. Environmental Health</b>			
<b>4.3.4. GRADE 4</b>	<b>4.3.7. GRADE 7</b>	<b>4.3.10. GRADE 10</b>	<b>4.3.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to:</i></b>			
<p>A. Know that plants, animals and humans are dependent on air and water.</p> <ul style="list-style-type: none"> <li>• Know that all living things need air and water to survive.</li> <li>• Describe potentially dangerous pest controls used in the home.</li> <li>• Identify things that cause sickness when put into the air, water or soil.</li> <li>• Identify different areas where health can be affected by air, water or land pollution.</li> <li>• Identify actions that can prevent or reduce waste pollution.</li> </ul>	<p>A. Identify environmental health issues.</p> <ul style="list-style-type: none"> <li>• Identify various examples of long-term pollution and explain their effects on environmental health.</li> <li>• Identify diseases that have been associated with poor environmental quality.</li> <li>• Describe different types of pest controls and their effects on the environment.</li> <li>• Identify alternative products that can be used in life to reduce pollution.</li> </ul>	<p>A. Describe environmental health issues.</p> <ul style="list-style-type: none"> <li>• Identify the effects on human health of air, water and soil pollution and the possible economic costs to society.</li> <li>• Describe how indoor pollution may affect human health (e.g., dust mites, fumes, cat dandruff).</li> <li>• Explain the costs and benefits of cleaning up contaminants.</li> <li>• Explain how common household cleaning products are manufactured and how to dispose of their by-products after use.</li> </ul>	<p>A. Analyze the complexity of environmental health issues.</p> <ul style="list-style-type: none"> <li>• Identify environmental health issues and explain how they have been addressed on a worldwide level.</li> <li>• Analyze efforts to prevent, control and/or reduce pollution through cost and benefit analysis and risk management.</li> <li>• Describe the impact of occupational exposures as they relate to environmental health issues.</li> <li>• Identify invisible pollutants and explain their effects on human health.</li> <li>• Explain the relationship between wind direction and velocity as it relates to dispersal and occurrence of pollutants.</li> <li>• Explain the different disposal methods used for toxic and hazardous waste.</li> </ul>



<b>4.3. Environmental Health</b>			
<b>4.3.4. GRADE 4</b>	<b>4.3.7. GRADE 7</b>	<b>4.3.10. GRADE 10</b>	<b>4.3.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to:</i></b>			
<p>B. Identify how human actions affect environmental health.</p> <ul style="list-style-type: none"> <li>• Identify pollutants.</li> <li>• Identify sources of pollution.</li> <li>• Identify litter and its effect on the environment.</li> <li>• Describe how people can reduce pollution.</li> </ul> <p>C. Understand that the elements of natural systems are interdependent.</p> <ul style="list-style-type: none"> <li>• Identify some of the organisms that live together in an ecosystem.</li> <li>• Understand that the components of a system all play a part in a healthy natural system.</li> <li>• Identify the effects of a healthy environment on the ecosystem.</li> </ul>	<p>B. Describe how human actions affect the health of the environment.</p> <ul style="list-style-type: none"> <li>• Identify land use practices and their relation to environmental health.</li> <li>• Explain how natural disasters affect environmental health.</li> <li>• Identify residential and industrial sources of pollution and their effects on environmental health.</li> <li>• Explain the difference between point and nonpoint source pollution.</li> <li>• Explain how nonpoint source pollution can affect the water supply and air quality.</li> <li>• Explain how acid deposition can affect water, soil and air quality.</li> <li>• Explain the relationship between resource use, reuse, recycling and environmental health.</li> </ul> <p>C. Explain biological diversity.</p> <ul style="list-style-type: none"> <li>• Explain the complex, interactive relationships among members of an ecosystem.</li> <li>• Explain how diversity affects ecological integrity of the natural resources.</li> </ul>	<p>B. Explain how multiple variables determine the effects of pollution on environmental health, natural processes and human practices.</p> <ul style="list-style-type: none"> <li>• Explain how human practices affect the quality of the water and soil.</li> <li>• Identify evidence of natural events around the world and their effects on environmental health (e.g., Yellowstone National Park fires).</li> <li>• Identify local and state environmental regulations and their impact on environmental health.</li> <li>• Analyze data and explain how point source pollution can be detected and eliminated.</li> <li>• Identify and explain ways of detecting pollution by using state-of-the-art technologies.</li> </ul> <p>C. Explain biological diversity as an indicator of a healthy environment.</p> <ul style="list-style-type: none"> <li>• Explain species diversity.</li> <li>• Analyze the effects of species extinction on the health of an ecosystem.</li> </ul>	<p>B. Analyze the local, regional and national impacts of environmental health.</p> <ul style="list-style-type: none"> <li>• Analyze the cost of natural disasters in both dollars and loss of natural habitat.</li> <li>• Research and analyze the local, state and national laws that deal with point and nonpoint source pollution; evaluate the costs and benefits of these laws.</li> <li>• Explain mitigation and its role in environmental health.</li> <li>• Explain industry's initiatives to meet state and federal mandates on clean air and water.</li> <li>• Describe the impacts of point and nonpoint source pollution on the Chesapeake Bay.</li> <li>• Identify and evaluate the costs and benefits of laws regulating air and water quality and waste disposal.</li> </ul> <p>C. Analyze the need for a healthy environment.</p> <ul style="list-style-type: none"> <li>• Research the relationship of some chronic diseases to an environmental pollutant.</li> <li>• Explain how man-made systems may affect the environment.</li> </ul>

<b>4.4. Agriculture and Society</b>			
<b>4.4.4. GRADE 4</b>	<b>4.4.7. GRADE 7</b>	<b>4.4.10. GRADE 10</b>	<b>4.4.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to:</i></b>			
<p>A. Know the importance of agriculture to humans.</p> <ul style="list-style-type: none"> <li>• Identify people's basic needs.</li> <li>• Explain the influence of agriculture on food, clothing, shelter and culture from one area to another.</li> <li>• Know how people depend on agriculture.</li> </ul> <p>B. Know that food and fiber originate from plants and animals.</p> <ul style="list-style-type: none"> <li>• Define and identify food and fiber.</li> <li>• Identify what plants and animals need to grow.</li> <li>• Identify agricultural products that are local and regional.</li> <li>• Identify an agricultural product based on its origin.</li> <li>• Describe several products and tell their origins.</li> <li>• Describe the journey of a local agricultural product from production to the consumer.</li> </ul>	<p>A. Explain society's standard of living in relation to agriculture.</p> <ul style="list-style-type: none"> <li>• Compare and contrast agricultural changes that have been made to meet society's needs.</li> <li>• Compare and contrast how animals and plants affect agricultural systems.</li> <li>• Compare several technological advancements and their effect(s) on the historical growth of agriculture.</li> <li>• Compare different environmental conditions related to agricultural production, cost and quality of the product.</li> </ul> <p>B. Explain agricultural systems' use of natural and human resources.</p> <ul style="list-style-type: none"> <li>• Analyze the needs of plants and animals as they relate to climate and soil conditions.</li> <li>• Identify the plants and animals that can be raised in the area and explain why.</li> <li>• Identify natural resources necessary for agricultural systems.</li> <li>• Compare the need for crop production to the need for animal production.</li> <li>• Define issues associated with food and fiber production.</li> </ul>	<p>A. Describe the importance of agriculture to society.</p> <ul style="list-style-type: none"> <li>• Identify the major cash crops of Pennsylvania.</li> <li>• Identify what percentage of the United States' population is involved in the food and fiber industry.</li> <li>• Compare and contrast the influence of agriculture on a nation's culture, standard of living and foreign trade.</li> <li>• Identify laws that affect conservation and management of food and fiber production in the local area and analyze their impact.</li> <li>• Compare a contemporary economic issue in agriculture to its historical origin.</li> </ul> <p>B. Explain the functions of the components of the food and fiber system.</p> <ul style="list-style-type: none"> <li>• Compare and analyze different growing conditions throughout the United States to determine which plants and animals are most suitable to each region.</li> <li>• Compare the different management practices needed for a commodity including production, processing, research and development, marketing, distribution and regulations.</li> <li>• Identify a commodity, its origin and its steps of production.</li> <li>• Compare and analyze the cost of a commodity to its production cost.</li> <li>• Identify and describe how food safety issues have impacted production in agriculture.</li> </ul>	<p>A. Analyze the management practices in the agriculture business.</p> <ul style="list-style-type: none"> <li>• Define the components of an agriculture system that would result in a minimal waste of resources.</li> <li>• Identify the diversity in crop production and analyze the advantages and disadvantages of such diversity.</li> <li>• Research and analyze environmental practices related to agricultural systems.</li> <li>• Analyze the effects of agricultural practices on the economy.</li> <li>• Analyze the impact of nutrient management laws on Pennsylvania agriculture.</li> <li>• Assess the role of agriculture cooperatives.</li> </ul> <p>B. Analyze and research the social, political and economic factors that affect agricultural systems.</p> <ul style="list-style-type: none"> <li>• Analyze the costs and benefits associated with agriculture practices and how they affect economic and human needs.</li> <li>• Analyze the costs and benefits of agriculture research practices in society.</li> <li>• Research the use of by-products that are the results of agriculture production (e.g., manure handling, bird feathers).</li> </ul>

<b>4.4. Agriculture and Society</b>			
<b>4.4.4. GRADE 4</b>	<b>4.4.7. GRADE 7</b>	<b>4.4.10. GRADE 10</b>	<b>4.4.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to:</i></b>			
<p>C. Identify technology and energy use associated with agriculture.</p> <ul style="list-style-type: none"> <li>• Identify the various tools and machinery necessary for farming.</li> <li>• Identify the types of energy used in producing food and fiber.</li> <li>• Identify tools and machinery used in the production of agricultural products.</li> </ul>	<p>C. Explain the improvement of agricultural production through technology.</p> <ul style="list-style-type: none"> <li>• Compare the technologies that have advanced agricultural production.</li> <li>• Explain how energy sources have changed to meet agricultural technology.</li> </ul>	<p>C. Analyze the efforts of increased efficiency in agriculture through technology.</p> <ul style="list-style-type: none"> <li>• Compare various technological advancements and analyze each for its contribution toward labor and cost efficiency.</li> <li>• Compare the current market value of both natural and alternative energy sources involved in the production of food and fiber.</li> </ul>	<p>C. Analyze research and development activities as they relate to agriculture.</p> <ul style="list-style-type: none"> <li>• Analyze the role of research, development and technology as it relates to the food and fiber system.</li> <li>• Research and analyze energy sources used and/or generated by producing, processing and marketing agricultural products.</li> </ul>

<b>4.5. Integrated Pest Management</b>			
<b>4.5.4. GRADE 4</b>	<b>4.5.7. GRADE 7</b>	<b>4.5.10. GRADE 10</b>	<b>4.5.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to:</i></b>			
<p>A. Know types of pests.</p> <ul style="list-style-type: none"> <li>• Identify classifications of pests.</li> <li>• Identify and categorize pests.</li> <li>• Know how pests fit into a food chain.</li> </ul>	<p>A. Explain benefits and harmful effects of pests.</p> <ul style="list-style-type: none"> <li>• Identify different examples of pests and explain the beneficial or harmful effects of each.</li> <li>• Identify several locations where pests can be found and compare the effects the pests have on each location.</li> </ul>	<p>A. Identify similar classifications of pests that may or may not have similar effects on different regions.</p> <ul style="list-style-type: none"> <li>• Identify environmental effect(s) of pests on different regions of the world.</li> <li>• Identify introduced species that are classified as pests in their new environments.</li> </ul>	<p>A. Research integrated pest management systems.</p> <ul style="list-style-type: none"> <li>• Analyze the threshold limits of pests and the need for intervention in a managed environment.</li> <li>• Research the types of germicides and analyze their effects on homes, industry, hospitals and institutions.</li> <li>• Design and explain an integrated pest management plan that uses a range of pest controls.</li> </ul>

<b>4.5. Integrated Pest Management</b>			
<b>4.5.4. GRADE 4</b>	<b>4.5.7. GRADE 7</b>	<b>4.5.10. GRADE 10</b>	<b>4.5.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to:</i></b>			
<p>B. Explain pest control.</p> <ul style="list-style-type: none"> <li>• Know reasons why people control pests.</li> <li>• Identify different methods for controlling specific pests in the home, school and community.</li> <li>• Identify chemical labels (e.g., caution, poison, warning).</li> </ul> <p>C. Understand society's need for integrated pest management.</p> <ul style="list-style-type: none"> <li>• Identify integrated pest management practices in the home.</li> <li>• Identify integrated pest management practices outside the home.</li> </ul>	<p>B. Explain how pest management affects the environment.</p> <ul style="list-style-type: none"> <li>• Explain issues related to integrated pest management including biological technology, resistant varieties, chemical practices, medical technology and monitoring techniques.</li> <li>• Describe how integrated pest management and related technology impact human activities.</li> <li>• Identify issues related to integrated pest management that affect the environment.</li> </ul> <p>C. Explain various integrated pest management practices used in society.</p> <ul style="list-style-type: none"> <li>• Compare and contrast integrated pest management monitoring methods utilized in different community settings.</li> <li>• Compare integrated pest management to past practices.</li> <li>• Compare and analyze the long-term effects of using integrated pest management products.</li> </ul>	<p>B. Analyze health benefits and risks associated with integrated pest management.</p> <ul style="list-style-type: none"> <li>• Identify the health risks associated with chemicals used in common pesticides.</li> <li>• Assess various levels of control within different integrated pest management practices including increased immunity to pesticides, food safety, sterilization, nutrient management and weed control.</li> </ul> <p>C. Determine the effects of integrated pest management practices on society over time.</p> <ul style="list-style-type: none"> <li>• Analyze the risks to the environment and society associated with alternative practices used in integrated pest management.</li> <li>• Analyze the benefits to the environment and society associated with alternative practices used in integrated pest management.</li> </ul>	<p>B. Research and analyze integrated pest management practices globally.</p> <ul style="list-style-type: none"> <li>• Research worldwide integrated pest management.</li> <li>• Research and analyze the international regulations that exist related to integrated pest management.</li> <li>• Explain the complexities associated with moving from one level of control to the next with different integrated pest management practices and compare the related costs of each system.</li> </ul> <p>C. Analyze the historical significance of integrated pest management on society.</p> <ul style="list-style-type: none"> <li>• Explain the dynamics of integrated pest management practices and their relative effects upon society.</li> <li>• Identify historic events affecting integrated pest management and cite the practices used (e.g., avian flu, bubonic plague, potato blight).</li> <li>• Research and analyze the long-term effects of pest management practices on the environment.</li> </ul>

<b>4.6. Ecosystems and their Interactions</b>			
<b>4.6.4. GRADE 4</b>	<b>4.6.7. GRADE 7</b>	<b>4.6.10. GRADE 10</b>	<b>4.6.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to:</i></b>			
<p>A. Understand that living things are dependent on nonliving things in the environment for survival.</p> <ul style="list-style-type: none"> <li>Identify and categorize living and nonliving things.</li> <li>Describe the basic needs of an organism.</li> <li>Identify basic needs of a plant and an animal and explain how their needs are met.</li> <li>Identify plants and animals with their habitat and food sources.</li> <li>Identify environmental variables that affect plant growth.</li> <li>Describe how animals interact with plants to meet their needs for shelter.</li> <li>Describe how certain insects interact with soil for their needs.</li> <li>Understand the components of a food chain.</li> <li>Identify a local ecosystem and its living and nonliving components.</li> <li>Identify a simple ecosystem and its living and nonliving components.</li> <li>Identify common soil textures.</li> <li>Identify animals that live underground.</li> </ul> <p>B. Understand the concept of cycles.</p> <ul style="list-style-type: none"> <li>Explain the water cycle.</li> <li>Explain the carbon dioxide/oxygen cycle (photosynthesis).</li> </ul>	<p>A. Explain the flows of energy and matter from organism to organism within an ecosystem.</p> <ul style="list-style-type: none"> <li>Identify and explain the characteristics of biotic and abiotic.</li> <li>Describe and explain the adaptations of plants and animals to their environment.</li> <li>Demonstrate the dependency of living components in the ecosystem on the nonliving components.</li> <li>Explain energy flow through a food web.</li> <li>Explain the importance of the predator/prey relationship and how it maintains the balances within ecosystems.</li> <li>Understand limiting factors and predict their effects on an organism.</li> <li>Identify niches for producers, consumers and decomposers within an ecosystem.</li> <li>Compare and contrast the major ecosystems of Pennsylvania.</li> <li>Identify the major characteristics of a biome.</li> <li>Compare and contrast different biomes and their characteristics.</li> <li>Identify the relationship of abiotic and biotic components and explain their interaction in an ecosystem.</li> <li>Explain how different soil types determine the characteristics of ecosystems.</li> </ul> <p>B. Explain the concepts of cycles.</p> <ul style="list-style-type: none"> <li>Identify and explain cycles within an ecosystem.</li> <li>Analyze the role of different cycles within an ecosystem.</li> </ul>	<p>A. Explain the biotic and abiotic components of an ecosystem and their interaction.</p> <ul style="list-style-type: none"> <li>Identify the major biomes and explain their similarities and differences.</li> <li>Compare and contrast the interactions of biotic and abiotic components in an ecosystem.</li> <li>Analyze the effects of abiotic factors on specific ecosystems.</li> <li>Describe how the availability of resources affects organisms in an ecosystem.</li> <li>Explain energy flow in a food chain through an energy pyramid.</li> <li>Evaluate the efficiency of energy flow in a food chain.</li> <li>Explain the concept of carrying capacity in an ecosystem.</li> <li>Explain trophic levels.</li> <li>Identify a specific environmental impact and predict what change may take place to affect homeostasis.</li> <li>Examine and explain how organisms modify their environments to sustain their needs.</li> <li>Assess the effects of latitude and altitude on biomes.</li> <li>Interpret possible causes of population fluctuations.</li> <li>Explain how erosion and sedimentation have changed the quality of soil related habitats.</li> </ul> <p>B. Explain how cycles affect the balance in an ecosystem.</p> <ul style="list-style-type: none"> <li>Describe an element cycle and its role in an ecosystem.</li> <li>Explain the consequences of interrupting natural cycles.</li> </ul>	<p>A. Analyze the interdependence of an ecosystem.</p> <ul style="list-style-type: none"> <li>Analyze the relationships among components of an ecosystem.</li> <li>Evaluate the efficiency of energy flow within an ecosystem.</li> <li>Explain limiting factors and their impact on carrying capacity.</li> <li>Understand how biological diversity impacts the stability of an ecosystem.</li> <li>Analyze the positive or negative impacts of outside influences on an ecosystem.</li> <li>Analyze how different land use practices can affect the quality of soils.</li> </ul> <p>B. Analyze the impact of cycles on the ecosystem.</p> <ul style="list-style-type: none"> <li>Evaluate the materials necessary for natural cycles.</li> <li>Explain the processes involved in the natural cycles.</li> </ul>

<b>4.6. Ecosystems and their Interactions</b>			
<b>4.6.4. GRADE 4</b>	<b>4.6.7. GRADE 7</b>	<b>4.6.10. GRADE 10</b>	<b>4.6.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to:</i></b>			
C. Identify how ecosystems change over time.	C. Explain how ecosystems change over time. <ul style="list-style-type: none"> <li>• Explain how ecosystems change.</li> <li>• Identify the succession stages of a given ecosystem.</li> <li>• Explain how specific organisms may change an ecosystem.</li> <li>• Explain a change in an ecosystem that relates to humans.</li> </ul>	C. Analyze how ecosystems change over time. <ul style="list-style-type: none"> <li>• Identify and explain the succession stages in an ecosystem.</li> <li>• Identify causes of succession.</li> <li>• Analyze consequences of interrupting natural cycles.</li> </ul>	C. Analyze how human action and natural changes affect the balance within an ecosystem. <ul style="list-style-type: none"> <li>• Analyze the effects of substances that move through natural cycles.</li> <li>• Analyze the effects of natural occurrences and their effects on ecosystems.</li> <li>• Analyze effects of human action on an ecosystem.</li> <li>• Compare the stages of succession and how they influence the cycles existing in an ecosystem.</li> </ul>

<b>4.7. Threatened, Endangered and Extinct Species</b>			
<b>4.7.4. GRADE 4</b>	<b>4.7.7. GRADE 7</b>	<b>4.7.10. GRADE 10</b>	<b>4.7.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to:</i></b>			
A. Identify differences in living things. <ul style="list-style-type: none"> <li>• Explain why plants and animals are different colors, shapes and sizes and how these differences relate to their survival.</li> <li>• Identify characteristics that living things inherit from their parents.</li> <li>• Explain why each of the four elements in a habitat is essential for survival.</li> <li>• Identify local plants or animals and describe their habitat.</li> </ul>	A. Describe diversity of plants and animals in ecosystems. <ul style="list-style-type: none"> <li>• Select an ecosystem and describe different plants and animals that live there.</li> <li>• Identify adaptations in plants and animals.</li> <li>• Recognize that adaptations are developed over long periods of time and are passed on from one generation to the next.</li> <li>• Understand levels of ecosystem organization (e.g., individuals, populations, species).</li> </ul>	A. Explain the significance of diversity in ecosystems. <ul style="list-style-type: none"> <li>• Explain the role that specific organisms have in their ecosystem.</li> <li>• Identify a species and explain what effects its increase or decline might have on the ecosystem.</li> <li>• Identify a species and explain how its adaptations are related to its niche in the environment.</li> </ul>	A. Analyze biological diversity as it relates to the stability of an ecosystem. <ul style="list-style-type: none"> <li>• Examine and explain what happens to an ecosystem as biological diversity changes.</li> <li>• Explain the relationship between species' loss and bio-diversity.</li> <li>• Examine and explain how a specialized interaction between two species may affect the survival of both species.</li> </ul>

<b>4.7. Threatened, Endangered and Extinct Species</b>			
<b>4.7.4. GRADE 4</b>	<b>4.7.7. GRADE 7</b>	<b>4.7.10. GRADE 10</b>	<b>4.7.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to:</i></b>			
<p>B. Know that adaptations are important for survival.</p> <ul style="list-style-type: none"> <li>• Explain how specific adaptations can help a living organism to survive.</li> <li>• Explain what happens to a living thing when its food, water, shelter or space is changed.</li> </ul>	<p>B. Explain how species of living organisms adapt to their environment.</p> <ul style="list-style-type: none"> <li>• Explain the role of individual variations in natural selection.</li> <li>• Explain how an adaptation is an inherited structure or behavior that helps an organism survive and reproduce.</li> <li>• Describe how a particular trait may be selected over time and account for a species' adaptation.</li> <li>• Compare and contrast animals and plants that have very specific survival requirements with those that have more general requirements for survival.</li> <li>• Explain how living things respond to changes in their environment.</li> <li>• Explain how one species may survive an environmental change while another might not.</li> </ul>	<p>B. Explain how structure, function and behavior of plants and animals affect their ability to survive.</p> <ul style="list-style-type: none"> <li>• Describe an organism's adaptations for survival in its habitat.</li> <li>• Compare adaptations among species.</li> </ul>	<p>B. Examine the effects of extinction, both natural and human caused, on the environment.</p> <ul style="list-style-type: none"> <li>• Predict how human or natural action can produce change to which organisms cannot adapt.</li> <li>• Identify species that became extinct through natural causes and explain how that occurred.</li> <li>• Identify a species that became extinct due to human actions and explain what occurred.</li> </ul>

<b>4.7. Threatened, Endangered and Extinct Species</b>			
<b>4.7.4. GRADE 4</b>	<b>4.7.7. GRADE 7</b>	<b>4.7.10. GRADE 10</b>	<b>4.7.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to:</i></b>			
<p>C. Define and understand extinction.</p> <ul style="list-style-type: none"> <li>• Identify plants and animals that are extinct.</li> <li>• Explain why some plants and animals are extinct.</li> <li>• Know that there are local and state laws regarding plants and animals.</li> </ul>	<p>C. Explain natural or human actions in relation to the loss of species.</p> <ul style="list-style-type: none"> <li>• Identify natural or human impacts that cause habitat loss.</li> <li>• Explain how habitat loss can affect the interaction among species and the population of a species.</li> <li>• Analyze and explain the changes in an animal population over time.</li> <li>• Explain how a habitat management practice affects a population.</li> <li>• Explain the differences among threatened, endangered and extinct species.</li> <li>• Identify Pennsylvania plants and animals that are on the threatened or endangered list.</li> <li>• Describe state laws passed regarding threatened and endangered species in Pennsylvania.</li> <li>• Explain why one species may be more susceptible to becoming endangered than another species.</li> </ul>	<p>C. Identify and explain why adaptations can lead to specialization.</p> <ul style="list-style-type: none"> <li>• Explain factors that could lead to a species' increase or decrease.</li> <li>• Explain how management practices may influence the success of specific species.</li> <li>• Identify and explain criteria used by scientists for categorizing organisms as threatened, endangered or extinct.</li> </ul>	<p>C. Analyze the effects of threatened, endangered or extinct species on human and natural systems.</p> <ul style="list-style-type: none"> <li>• Identify and explain how a species' increase, decline or elimination affects the ecosystem and/or human social, cultural and economic structures.</li> <li>• Explain why natural populations do not remain constant.</li> <li>• Analyze management strategies regarding threatened or endangered species.</li> <li>• Identify laws, agreements or treaties at national or international levels regarding threatened or endangered species.</li> <li>• Analyze the role of zoos and wildlife preserves on species that have been identified as threatened or endangered.</li> <li>• Examine the influence of wildlife management in preserving different species in Pennsylvania (e.g., bobcat, elk, bald eagle).</li> </ul>



<b>4.8. Humans and the Environment</b>			
<b>4.8.4. GRADE 4</b>	<b>4.8.7. GRADE 7</b>	<b>4.8.10. GRADE 10</b>	<b>4.8.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to:</i></b>			
<p>A. Identify the biological requirements of humans.</p> <ul style="list-style-type: none"> <li>• Explain how a dynamically changing environment provides for sustainability of living systems.</li> <li>• Identify several ways that people use natural resources.</li> </ul> <p>B. Know that environmental conditions influence where and how people live.</p> <ul style="list-style-type: none"> <li>• Identify how regional natural resources influence what people use.</li> <li>• Explain the influence of climate on how and where people live.</li> </ul> <p>C. Explain how human activities may change the environment.</p> <ul style="list-style-type: none"> <li>• Identify everyday human activities and how they affect the environment.</li> <li>• Identify examples of how human activities within a community affect the natural environment.</li> </ul>	<p>A. Describe how the development of civilization relates to the environment.</p> <ul style="list-style-type: none"> <li>• Explain how people use natural resources in their environment.</li> <li>• Locate and identify natural resources in different parts of the world.</li> <li>• Compare and contrast how people use natural resources throughout the world.</li> </ul> <p>B. Explain how people use natural resources.</p> <ul style="list-style-type: none"> <li>• Describe how natural resources are used for survival.</li> <li>• Explain how natural resources and technological changes have affected the development of civilizations.</li> <li>• Explain how climate and extreme weather events (e.g., drought, flood) influence people's lives.</li> </ul> <p>C. Explain how human activities may affect local, regional and national environments.</p> <ul style="list-style-type: none"> <li>• Describe what effect consumption and related generation of wastes have on the environment.</li> <li>• Explain how a particular human activity has changed the local area over the years.</li> </ul>	<p>A. Analyze how society's needs relate to the sustainability of natural resources.</p> <ul style="list-style-type: none"> <li>• Explain why some societies have been unable to meet their natural resource needs.</li> <li>• Compare and contrast the use of natural resources and the environmental conditions in several countries.</li> <li>• Describe how uses of natural resources impact sustainability.</li> </ul> <p>B. Analyze the relationship between the use of natural resources and sustaining our society.</p> <ul style="list-style-type: none"> <li>• Explain the role of natural resources in sustaining society.</li> <li>• Analyze the effects of a natural resource's availability on a community or region.</li> </ul> <p>C. Analyze how human activities may cause changes in an ecosystem.</p> <ul style="list-style-type: none"> <li>• Analyze and evaluate changes in the environment that are the result of human activities.</li> <li>• Compare and contrast the environmental effects of different industrial strategies (e.g., energy generation, transportation, logging, mining, agriculture).</li> </ul>	<p>A. Explain how technology has influenced the sustainability of natural resources over time.</p> <ul style="list-style-type: none"> <li>• Describe how technology has changed the use of natural resources by business and industry.</li> <li>• Analyze the effect of natural resource conservation on a product over time (e.g., automobile manufacturing, aluminum can recycling, paper products).</li> </ul> <p>B. Analyze technology's role on natural resource sustainability.</p> <ul style="list-style-type: none"> <li>• Explain how technology has decreased the use of raw natural resources.</li> <li>• Explain how technology has impacted the efficiency of the use of natural resources.</li> <li>• Analyze how technology has improved agricultural productivity.</li> <li>• Analyze the role of technology in the reduction of pollution.</li> </ul> <p>C. Analyze how pollution has changed in quality, variety and toxicity as the United States developed its industrial base.</p> <ul style="list-style-type: none"> <li>• Analyze historical pollution trends and project them for the future.</li> <li>• Compare and contrast historical and current pollution levels at a given location.</li> </ul>

<b>4.8. Humans and the Environment</b>			
<b>4.8.4. GRADE 4</b>	<b>4.8.7. GRADE 7</b>	<b>4.8.10. GRADE 10</b>	<b>4.8.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to:</i></b>			
<p>D. Know the importance of natural resources in daily life.</p> <ul style="list-style-type: none"> <li>• Identify items used in daily life that come from natural resources.</li> <li>• Identify ways to conserve our natural resources.</li> <li>• Identify major land uses in the community.</li> </ul>	<p>D. Explain the importance of maintaining the natural resources at the local, state and national levels.</p> <ul style="list-style-type: none"> <li>• Explain how human activities and natural events have affected ecosystems.</li> <li>• Explain how conservation practices have influenced ecosystems.</li> <li>• Define the roles of Pennsylvania agencies that deal with natural resources.</li> </ul>	<p>D. Explain how the concept of supply and demand affects the environment.</p> <ul style="list-style-type: none"> <li>• Identify natural resources for which societal demands have been increasing.</li> <li>• Identify specific resources for which human consumption has resulted in scarcity of supply (e.g., buffalo, lobsters).</li> <li>• Describe the relationship between population density and resource use and management.</li> </ul>	<p>D. Analyze the international implications of environmental occurrences.</p> <ul style="list-style-type: none"> <li>• Identify natural occurrences that have international impact (e.g., El Nino, volcano eruptions, earthquakes).</li> <li>• Analyze environmental issues and their international implications.</li> </ul>

<b>4.9. Environmental Laws and Regulations</b>			
<b>4.9.4. GRADE 4</b>	<b>4.9.7. GRADE 7</b>	<b>4.9.10. GRADE 10</b>	<b>4.9.12. GRADE 12</b>
<b><i>Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to:</i></b>			
<p>A. Know that there are laws and regulations for the environment.</p> <ul style="list-style-type: none"> <li>• Identify local and state laws and regulations regarding the environment.</li> <li>• Explain how the recycling law impacts the school and home.</li> <li>• Identify and describe the role of a local or state agency that deals with environmental laws and regulations.</li> </ul>	<p>A. Explain the role of environmental laws and regulations.</p> <ul style="list-style-type: none"> <li>• Identify and explain environmental laws and regulations (e.g., Clean Air Act, Clean Water Act, Recycling and Waste Reduction Act, Act 26 on Agricultural Education).</li> <li>• Explain the role of local and state agencies in enforcing environmental laws and regulations (e.g., Department of Environmental Protection, Department of Agriculture, Game Commission).</li> </ul>	<p>A. Explain why environmental laws and regulations are developed and enacted.</p> <ul style="list-style-type: none"> <li>• Explain the positive and negative impacts associated with passing environmental laws and regulations.</li> <li>• Understand conflicting rights of property owners and environmental laws and regulations.</li> <li>• Analyze the roles that local, state and federal governments play in the development and enforcement of environmental laws.</li> <li>• Identify local and state environmental regulations and their impact on environmental health.</li> <li>• Explain the positive and negative impacts of the Endangered Species Act.</li> </ul>	<p>A. Analyze environmental laws and regulations as they relate to environmental issues.</p> <ul style="list-style-type: none"> <li>• Analyze and explain how issues lead to environmental law or regulation (e.g., underground storage tanks, regulation of water discharges, hazardous, solid and liquid industrial waste, endangered species).</li> <li>• Compare and contrast environmental laws and regulations that may have a positive or negative impact on the environment and the economy.</li> <li>• Research and describe the effects of an environmental law or regulation and how it has impacted the environment.</li> </ul>

**Proposed Academic Standards for Environment and Ecology****XII. GLOSSARY**

<b>Abiotic:</b>	A nonliving factor or element (e.g., light, water, heat, rock, energy, mineral).
<b>Acid deposition:</b>	Precipitation with a pH less than 5.6 that forms in the atmosphere when certain pollutants mix with water vapor.
<b>Biological diversity:</b>	The variety of species, their generic make-up, and the natural communities in which they occur.
<b>Biotic:</b>	An environmental factor related to or produced by living organisms.
<b>Closing the loop:</b>	A link in the circular chain of recycling events that promotes the use of products made with recycled materials.
<b>Composting:</b>	The process of mixing decaying leaves, manure and other nutritive matter to improve and fertilize soil.
<b>Delineate:</b>	To trace the outline; to draw; to sketch; to depict or picture.
<b>Ecosystem:</b>	A community of living organisms and their interrelated physical and chemical environment.
<b>Equilibrium:</b>	The ability of an ecosystem to maintain stability among its biological resources (e.g., forest, fisheries, crops) so that there is a steady optimum yield.
<b>Groundwater:</b>	Water that infiltrates the soil and is located in underground reservoirs called aquifers.
<b>Homeostasis:</b>	The tendency for a system by resisting change to remain in a state of equilibrium.
<b>Incinerating:</b>	Burning to ashes; reducing to ashes.
<b>Integrated pest management:</b>	A variety of pest control methods that include repairs, traps, bait, poison, etc. to eliminate pests.
<b>Lentic:</b>	Relating to or living in still water.
<b>Lotic:</b>	Relating to or living in actively moving water.
<b>Mitigation:</b>	The policy of constructing or creating man-made habitats, such as wetlands, to replace those lost to development.
<b>Niche (ecological):</b>	The role played by an organism in an ecosystem; its food preferences, requirements for shelter, special behaviors and the timing of its activities (e.g., nocturnal, diurnal), interaction with other organisms and its habitat.
<b>Nonpoint source Pollution:</b>	Contamination that originates from many locations that all discharge into a location (e.g., a lake, stream, land area).
<b>Nonrenewable resources:</b>	Substances (e.g., oil, gas, coal, copper, gold) that, once used, cannot be replaced in this geological age.
<b>Point source pollution:</b>	Pollutants discharged from a single identifiable location (e.g., pipes, ditches, channels, sewers, tunnels, containers of various types).
<b>Pest:</b>	A label applied to an organism when it is in competition with humans for some resource.
<b>Recycling:</b>	Collecting and reprocessing a resource or product to make into new products.
<b>Renewable:</b>	A naturally occurring raw material or form of energy that will be replenished through natural ecological cycles or sound management practices (e.g., the sun, wind, water, trees).
<b>Risk management:</b>	A strategy developed to reduce or control the chance of harm or loss to one's health or life.
<b>Stream order:</b>	Energy and nutrient flow that increases as water moves toward the oceans (e.g., the smallest stream (primary) that ends when rivers flow into oceans).
<b>Succession:</b>	The series of changes that occur in an ecosystem with the passing of time.
<b>Sustainability:</b>	The ability to keep in existence or maintain. A sustainable ecosystem is one that can be maintained.
<b>Trophic levels:</b>	The role of an organism in nutrient and energy flow within an ecosystem (e.g., herbivore, carnivore, decomposer).
<b>Waste Stream:</b>	The flow of (waste) materials from generation, collection and separation to disposal.
<b>Watershed:</b>	The land area from which surface runoff drains into a stream, channel, lake, reservoir or other body of water; also called a drainage basin.
<b>Wetlands:</b>	Lands where water saturation is the dominant factor determining the nature of the soil development and the plant and animal communities (e.g., sloughs, estuaries, marshes).

[Pa.B. Doc. No. 01-681. Filed for public inspection April 20, 2001, 9:00 a.m.]

# STATE BOARD OF MEDICINE

[49 PA. CODE CHS. 16 AND 18]

## Licensure, Certification, Examination and Registration Fees

The State Board of Medicine (Board) proposes to amend §§ 16.13, 16.13a, 16.17 and 18.303, by revising certain application fees to read as set forth in Annex A.

### A. Effective Date

The proposed amendments will be effective upon publication of the final-form regulations in the *Pennsylvania Bulletin*.

### B. Statutory Authority

The proposed amendments are authorized under section 6 of the Medical Practice Act (act) (63 P. S. § 422.6).

### C. Background and Purpose

Section 6 of the act requires the Board to set fees by regulation so that revenues meet or exceed expenditures over a biennial period. General operating expenses of the Board are funded through biennial license renewal fees. Expenses related to applications or services which are provided directly to individual licensees or applicants are excluded from general operating revenues and are funded through fees in which the cost of providing the service forms the basis for the fee.

In a recent systems audit of the operations of the Board within the Bureau of Professional and Occupational Affairs, the fees for services for licensees and applicants were analyzed to determine if the fees reflected the actual cost of providing the services. Actual cost calculations are based upon the following formula:

$$\text{Number of minutes to perform the function} \times$$

Pay rate for the classification of the personnel performing the function

+

A proportionate share of administrative overhead

As a result of the audit, the Board proposes to increase 16 existing fees and to decrease 2 fees. The analysis determined that current fees do not accurately reflect the actual cost of processing applications and providing other services. In this proposal, fees for the services identified would be adjusted to allocate costs to those who use the service or submit an application. The Board would continue to apportion its enforcement and operating costs to the general licensing population when the Board makes its biennial reconciliation of revenues and expenditures.

The Board is also taking this opportunity to consolidate its fees under one section. The Board is also eliminating references to Nationally established examination fees over which the Board has no control or involvement.

The General Assembly has indicated its preference for the recognition of National uniform examinations and grading services in accordance with section 812.1 of The Administrative Code of 1929 (71 P. S. § 279.3a). Over the past several years, National uniform examinations have been developed for every category of license the Board issues. The fees for the examinations are established by the National examiners and communicated directly to the applicants. Applicants for these exams pay the examination fees directly to National examiners. Thus, it is unnecessary and impractical for the Board to continue to publish the National examiners' examination fees in the Board's regulations. Since examination fees are no longer established by the Board, section 6 of the act is inapplicable as to national uniform examinations. Thus, the Board is eliminating reference to these examination fees.

### D. Description of Proposed Amendments

The following table outlines the affected application fees, proposed changes and date the indicated fee was last changed:

<i>Fee Type</i>	<i>Current Fee</i>	<i>Effective Date</i>	<i>Proposed Fee</i>
1. Application, License w/o Restriction: accredited school (MD)	\$20.00	12/31/86	\$35.00
2. Application, License w/o Restriction: non-accredited school (MD)	\$80.00	01/19/91	\$85.00
3. Application, Extraterritorial License (XT)	\$10.00	12/31/86	\$30.00
4. Application, Graduate License: accredited college (MT)	\$15.00	12/31/86	\$30.00
5. Application, Graduate License: non-accredited college (MT)	\$80.00	01/19/91	\$85.00
6. Application, Temporary License	\$35.00	12/31/86	\$45.00
7. Application, Interim Limited License (ML)	\$10.00	12/31/86	\$30.00
8. Application, Midwife License (MW)	\$20.00	12/31/86	\$30.00
9. Application, Physician Assistant Certificate (PA)	\$15.00	12/31/86	\$30.00
10. Registration, Physician Assistant Supervisor (MX)	\$55.00	12/31/86	\$35.00

<i>Fee Type</i>	<i>Current Fee</i>	<i>Effective Date</i>	<i>Proposed Fee</i>
11. Application, Satellite Location	\$45.00	08/14/93	\$25.00
12. Acupuncture Registration (AK)	\$15.00	08/14/93	\$30.00
13. Acupuncture Supervisor Registration (MK)	\$15.00	08/14/93	\$30.00
14. Resp. Care Temp. Permit	\$15.00	11/16/96	\$30.00
15. Resp. Care Initial Cert. (YM)	\$15.00	11/16/96	\$30.00
16. Radiology Exam App.	\$0.00		\$25.00
17. Certification of License, Scores, Permit, Registration	\$0.00		\$25.00
18. Verification of License, Registration, Certificate, Permit	\$10.00	06/23/90	\$15.00

#### E. Compliance with Executive Order 1996-1

In accordance with Executive Order 1996-1 (February 6, 1996), in drafting and promulgating this proposed rulemaking the Board considered the least restrictive alternative to regulate costs for services requested by licensees and applicants.

#### F. Fiscal Impact and Paperwork Requirements

The proposed amendments will have no adverse fiscal impact on the Commonwealth or its political subdivisions. The fees will have a modest fiscal impact on those members of the private sector who apply for services from the Board. The amendments will impose no additional paperwork requirements upon the Commonwealth, political subdivisions or the private sector.

#### G. Sunset Date

The Board continuously monitors the cost effectiveness of its regulations. Therefore, no sunset date has been assigned.

#### H. Regulatory Review

Under section 5(a) of the Regulatory Review Act (71 P. S. § 745.5(a)), on March 27, 2001, the Board submitted a copy of these proposed amendments to the Independent Regulatory Review Commission (IRRC) and the Chairpersons of the House Professional Licensure Committee and the Senate Consumer Protection and Professional Licensure Committee (Committees). In addition to submitting the proposed amendments, the Board has provided IRRC and the Committees with a copy of a detailed regulatory analysis form prepared by the Board in compliance with Executive Order 1996-1, "Regulatory Review and Promulgation." A copy of this material is available to the public upon request.

Under section 5(g) of the Regulatory Review Act, if IRRC has objections to any portion of the proposed amendments, it will notify the Board within 10 days of the close of the Committees' review period. The notification shall specify the regulatory review criteria which have not been met by that portion. The Regulatory Review Act specifies detailed procedures for review, prior to final publication of the amendments, by the Board, the General Assembly and the Governor, of objections raised.

#### I. Public Comment

Interested persons are invited to submit written comments, suggestions or objections regarding the proposed amendments to Amy L. Nelson, Counsel, State Board of

Medicine, 116 Pine Street, Post Office Box 2649, Harrisburg, PA 17105-2649, within 30 days of publication of this proposed rulemaking. Please reference No. 16A-4910 (Fees), when submitting comments.

CHARLES D. HUMMER, Jr., M.D.,  
Chairperson

**Fiscal Note:** 16A-4910. No fiscal impact; (8) recommends adoption.

#### Annex A

### TITLE 49. PROFESSIONAL AND VOCATIONAL STANDARDS

#### PART I. DEPARTMENT OF STATE

#### Subpart A. PROFESSIONAL AND OCCUPATIONAL AFFAIRS

#### CHAPTER 16. STATE BOARD OF MEDICINE

#### Subchapter B. GENERAL LICENSURE, CERTIFICATION EXAMINATION AND REGISTRATION PROVISIONS

#### § 16.13. Licensure, certification, examination and registration fees.

**[(a) The examination fee for the December 1995, and following administrations of the USMLE Step 3 examination is \$375.**

**(b) The fee for a license without restriction for a graduate of an accredited medical college is \$20. The fee for a license without restriction for a graduate of an unaccredited medical college is \$80. The biennial registration fee for a license without restriction is \$125.**

**(c) The fee for an institutional license is \$35.**

**(d) The fee for an extraterritorial license is \$10. The biennial registration fee for an extraterritorial license is \$80.**

**(e) The fee for a graduate license for a graduate of an accredited medical college is \$15. The fee for a graduate license for a graduate of an unaccredited medical college is \$80. The fee to renew a graduate license is \$10.**

**(f) The fee for a temporary license is \$35.**

**(g) The fee for an interim limited license is \$10. The fee to renew an interim limited license is \$10.**

(h) The fee for a midwife license is \$20. The biennial registration fee for a midwife license is \$40.

(i) The fee for a physician assistant certificate is \$15. The biennial registration fee for a physician assistant certificate is \$40.

(j) The fee for registration as a supervising physician of a physician assistant is \$15.

(k) The fee for registration as a physician assistant supervisor of a physician assistant is \$55.

(l) The application fee for satellite location approval is \$45.

(m) The fee for an acupuncturist registration is \$15. The biennial registration fee for an acupuncturist registration is \$40.

(n) The fee for an acupuncturist supervisor registration is \$15.

(o) The biennial registration fee for a drugless therapist license is \$35.

(p) The biennial registration fee for a limited license—permanent—is \$25.

(q) There is no initial registration fee for a license, certificate or registration subject to biennial registration requirements.

(r) The fees for examination in radiologic procedures are listed in this subsection.

(1) The fee for the ARRT Examination in Radiography is \$30.

(2) The fee for the ARRT Examination in Radiation Therapy Technology is \$30.

(3) The fee for the ARRT Examination in Nuclear Medicine Technology is \$30.

(4) The fee for the ARRT Limited Examinations in Radiography is \$35. Study material may be purchased from the Board for \$21.

(5) The fee for the ARRT Limited Examination in Radiography—Skull and Sinuses is \$35.

(s) The fee for SPEX (Special Purpose Examination) is \$550. ]

(a) *Medical Doctor License:*

*License Without Restriction:*

Application, graduate of accredited medical college	\$35
Application, graduate of unaccredited medical college	\$85
Biennial renewal	\$125

*Extraterritorial License:*

Application	\$30
Biennial renewal	\$80

*Graduate License:*

Application, graduate of accredited medical college	\$30
Application, graduate of unaccredited medical college	\$85
Annual renewal	\$15

*Interim Limited License:*

Application	\$30
Biennial renewal	\$10

*Miscellaneous:*

Application, institutional license	\$35
Application, temporary license	\$45
Biennial renewal, limited license (permanent)	\$25

(b) *Midwife License:*

Application	\$30
Biennial renewal	\$40

(c) *Physician Assistant Certificate:*

Application	\$30
Biennial renewal	\$40
Registration, physician assistant supervisor	\$35
Registration of additional supervisors	\$ 5
Satellite location approval	\$25

(d) *Acupuncturist Registration:*

Application	\$30
Biennial renewal	\$40
Registration, acupuncture supervisor	\$30

<b>(e) Drugless Therapist License:</b>	
Biennial renewal	\$35
<b>(f) Radiology Technician:</b>	
Application for examination	\$25
<b>(g) Respiratory Care Practitioner Certificate:</b>	
Application, temporary permit	\$30
Application, initial certification	\$30
Biennial renewal	\$25
<b>(h) Verification or Certification:</b>	
Verification of status	\$15
Certification of records	\$25
<b>(i) Examination Fees:</b>	

The State Board of Medicine has adopted Nationally recognized examinations in each licensing class. Fees are established by the National owners/providers of the examinations and are indicated in the examination applications.

§ 16.13a. [ Temporary waiver of biennial registration fees ] (Reserved).

[ Biennial registration fees in § 16.13 (relating to licensure, certification, examination and registration fees) are waived until the expiration of the 1987-88 biennial registration period. ]

§ 16.17. Certification of license, certificate or registration status.

(a) The status of a license, certificate or registration issued by the Board will be certified by the Board to other jurisdictions or persons upon formal application and payment of [ \$10 ] the fee indicated under § 16.13 (relating to licensure, certification, examination and registration fees).

\* \* \* \* \*

(c) A request to certify the status of a person's license, certificate or registration or information regarding a person's license, certificate or registration status shall be forwarded to the Board, accompanied by [ a ] the fee [ of \$10 ] indicated under § 16.13 in the form of a certified

check, cashier's check, money order or personal check payable to the Commonwealth of Pennsylvania.

**CHAPTER 18. STATE BOARD OF MEDICINE—  
PRACTITIONERS OTHER THAN MEDICAL  
DOCTORS**

**Subchapter F. RESPIRATORY CARE  
PRACTITIONERS**

§ 18.303. [ Fees ] (Reserved).

[ The following is the schedule of fees charged by the Board:

(1) Temporary permit .....	\$15
(2) Initial certification .....	\$15
(3) Certification examination .....	\$90
(Effective 7-96) .....	\$100
(4) Reexamination .....	\$60
(5) Biennial renewal of certification ....	\$25 ]

[Pa.B. Doc. No. 01-682. Filed for public inspection April 20, 2001, 9:00 a.m.]

# NOTICES

## ADMINISTRATIVE OFFICE OF PENNSYLVANIA COURTS

### Request for Proposals

The Administrative Office of Pennsylvania Courts is announcing its intention to release a Request for Proposal (RFP) for the development of a Common Pleas Criminal Case Management System, including software development, system implementation and end user training. The

RFP will be released in April 2001. To receive a copy of the RFP, request one by email to [barry.potteiger@courts.state.pa.us](mailto:barry.potteiger@courts.state.pa.us), or by letter to Administrative Office of Pennsylvania Courts, 5035 Ritter Rd., Suite 700, Mechanicsburg, PA 17055-3079. Attention: Barry Potteiger; include company name, address, phone number, contact name and contact email address.

ZYGMONT A. PINES, Esq.,  
Court Administrator

[Pa.B. Doc. No. 01-683. Filed for public inspection April 20, 2001, 9:00 a.m.]

## DEPARTMENT OF BANKING

### Action on Applications

The Department of Banking of the Commonwealth of Pennsylvania, under the authority contained in the act of November 30, 1965 (P. L. 847, No. 356), known as the Banking Code of 1965; the act of December 14, 1967 (P. L. 746, No. 345), known as the Savings Association Code of 1967; the act of May 15, 1933 (P. L. 565, No. 111), known as the Department of Banking Code; and the act of December 19, 1990 (P. L. 834, No. 198), known as the Credit Union Code, has taken the following action on applications received for the week ending April 10, 2001.

#### BANKING INSTITUTIONS

##### Holding Company Acquisitions

<i>Date</i>	<i>Name of Corporation</i>	<i>Location</i>	<i>Action</i>
4-3-01	Sun Bancorp, Inc., Selinsgrove, to acquire 100% of the voting shares of Guaranty Bank, N.A., Shamokin	Selinsgrove	Filed

##### New Charter Applications

<i>Date</i>	<i>Name of Bank</i>	<i>Location</i>	<i>Action</i>
4-4-01	Third Street Interim Bank Williamsport Lycoming County	Williamsport	Filed

##### Consolidations, Mergers and Absorptions

<i>Date</i>	<i>Name of Bank</i>	<i>Location</i>	<i>Action</i>
4-3-01	Sun Bank, Selinsgrove, and Guaranty Bank, N.A., Shamokin surviving institution— Sun Bank, Selinsgrove	Selinsgrove	Filed

##### Branch Applications

<i>Date</i>	<i>Name of Bank</i>	<i>Location</i>	<i>Action</i>
4-2-01	Bank of Hanover Hanover York County	2991 Cape Horn Rd. Red Lion Windsor Township York County	Opened
4-5-01	Greater Delaware Valley Savings Bank Broomall Delaware County	Shoppes at Brinton Lake Baltimore Pike and Brinton Lake Road Glen Mills Delaware County	Filed



## NOTICES

**Branch Relocations**

<i>Date</i>	<i>Name of Bank</i>	<i>Location</i>	<i>Action</i>
4-2-01	Beneficial Mutual Savings Bank Philadelphia Philadelphia County	<i>To:</i> 530 Walnut St. Philadelphia Philadelphia County  <i>From:</i> 330 Market Street Philadelphia Philadelphia County	Effective

**SAVINGS INSTITUTIONS**

No activity.

**CREDIT UNIONS**

No activity.

JAMES B. KAUFFMAN, Jr.,  
*Secretary*

[Pa.B. Doc. No. 01-684. Filed for public inspection April 20, 2001, 9:00 a.m.]

**DEPARTMENT OF EDUCATION****Invitation for Bids**

The Department of Education, Bureau of Special Education invites the submission of bids from firms that wish to provide management of its Medicaid Reimbursement Program, commonly known as ACCESS.

This program assists School Districts, Intermediate Units, Approved Private Schools and Charter Schools (Local Education Agencies) to receive Federal reimbursement for medically related services provided to students with disabilities.

For additional information or to request a bid package, contact Athena Dimitrakopoulos at (717) 787-4914 for a bid package.

CHARLES B. ZOGBY,  
*Acting Secretary*

[Pa.B. Doc. No. 01-685. Filed for public inspection April 20, 2001, 9:00 a.m.]

**DEPARTMENT OF ENVIRONMENTAL PROTECTION****Applications, Actions and Special Notices****APPLICATIONS****NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMITS****NPDES APPLICATIONS****PART I PERMITS**

Under the Federal Clean Water Act and the Pennsylvania Clean Streams Law, the following parties have applied for an NPDES permit or to renew their current permit to discharge controlled wastewaters into the waters of this Commonwealth or to conduct other activities required by the NPDES permit. For renewal applications listed in Section I, the Department of Environmental Protection (Department) has made a tentative determination to reissue these permits for 5 years subject to effluent limitations and monitoring and reporting requirements in their current permits, with appropriate and necessary updated requirements to reflect new and changed regulations and other requirements. For all new permit applications, renewal application with major changes or applications for permits not waived by EPA, the Department, based upon preliminary reviews, also made a tentative determination of proposed effluent limitations and other terms and conditions for the permit applications listed in Section II. These determinations are published as proposed actions for comments prior to taking final actions.

Unless indicated otherwise, the EPA Region III Administrator has waived the right to review or object to this proposed permit action under the waiver provision 40 CFR 123.24(d).

Persons wishing to comment on the proposed permit are invited to submit a statement to the office noted above the application within 30 days from the date of this public notice. Comments received within this 30-day comment period will

be considered in the formulation of the final determinations regarding this application. The comments should include the name, address and telephone number of the writer and a concise statement to inform the Department of the exact basis of a comment and the relevant facts upon which it is based. A public hearing may be held if the responsible office considers the public response significant. Following the comment period, the Department's Water Management Program Manager will make a final determination regarding these applications. Notice of this final determination will be published in the *Pennsylvania Bulletin* at which time this determination may be appealed to the Environmental Hearing Board.

The renewal application, including proposed effluent limitations and special conditions, is available on file. For new permit applications, information submitted with the applications is available on file. The information may be inspected and arrangements made for copying at the office indicated above the application.

Persons with a disability, who require an auxiliary aid service, including TDD users or other accommodations to seek additional information, should contact the Department through the Pennsylvania AT&T Relay service at (800) 654-5984.

### I. NPDES Renewal Applications

*Southcentral Region: Water Management Program Manager, 909 Elmerton Avenue, Harrisburg, PA 17110.*

<i>NPDES No. (Type)</i>	<i>Facility Name &amp; Address</i>	<i>County &amp; Municipality</i>	<i>Stream Name (Watershed #)</i>	<i>EPA Waived Y/N?</i>
PA0044571	Dart Container Corporation 60 E. Main St. Leola, PA 17540-0546	Lancaster County Upper Leacock Township	UNT to Mill Creek (7J—Conestoga River)	Yes
PA0022179	Borough of Mercersburg 113 S. Main St. Mercersburg, PA 17236	Franklin County Borough of Mercersburg	Johnston Run (13C— Conococheague/ Antietam Creeks)	Yes
PA0038598	Susquehanna Aquaculture, Inc. Brunner Island Fish Farm P. O. Box 306 York Haven, PA 17370	York County E. Manchester Township	Susquehanna River (7H—Codus Creek)	Yes

*Northcentral Region: Water Management Program Manager, 208 West Third Street, Williamsport, PA 17701.*

<i>NPDES No. (Type)</i>	<i>Facility Name &amp; Address</i>	<i>County &amp; Municipality</i>	<i>Stream Name (Watershed #)</i>	<i>EPA Waived Y/N?</i>
PA0111431 Industrial Waste	H H Knoebel Sons, Inc. R. R. 1 Box 317 Elysburg, PA 17824-0317	Columbia County Cleveland Township	Catawissa 5E	Yes Renewal
PA0110540 Industrial Waste	Furman Foods, Inc. P. O. Box 500 Northumberland, PA 17857-0500	Northumberland County Point Township	Muncy 10D	Yes Renewal
PA0114677	Coastal Aluminum Rolling Mills, Inc. 2475 Trenton Avenue Williamsport, PA 17701-7927	Lycoming County City of Williamsport	Unnamed tribu- tary to Fox Hol- low 10A	Yes Renewal
PA0029831	Sullivan County School District P. O. Box 346 Dushore, PA 18614	Sullivan County Laporte Borough	Unnamed tribu- tary of Mill Creek 10B	Yes Renewal

### II. Applications for New or Expanded Facility Permits, Renewal of Major Permits and EPA Non-Waived Permit Applications

*Southeast Region: Water Management Program Manager, Lee Park, Suite 6010, 555 North Lane, Conshohocken, PA 19428.*

**No. PA0058301**, Sewage, **Richard Maurer**, 807 Ridge Road, Telford, PA 18969.

This application is for issuance of an NPDES permit to discharge treated sewage from Maurer Residence STP in Salford Township, **Montgomery County**. This is a new discharge to an unnamed tributary to Ridge Valley Creek.

The first downstream potable water supply intake from the point of discharge is Philadelphia Suburban Water Company in Upper Providence Township.

The receiving stream is classified for the following uses: high quality trout stocking fishery, aquatic life, water supply and recreation.

The proposed effluent limits for Outfall 001, based on an average flow of 400 gpd are as follows:

<i>Parameter</i>	<i>Average Monthly (mg/l)</i>	<i>Instantaneous Maximum (mg/l)</i>
CBOD <sub>5</sub>	10	20
Total Suspended Solids	10	20
Ammonia (as N)		
(5-1 to 10-31)	1.5	3.0
(11-1 to 4-30)	3.0	6.0
Nitrate & Nitrite (as N)	10	20
Fecal Coliform	200 colonies/100 ml as a geometric average	
Dissolved Oxygen	minimum of 6.0 mg/l at all times	
pH	Within limits of 6.0—9.0 Standard Units at all times	

Other Conditions: The EPA Waiver is in effect.

*Northeast Region: Water Management Program Manager, 2 Public Square, Wilkes-Barre, PA 18711-0790.*

**PAS2122098**, Industrial Waste, SIC:3273, **Frank Casilio & Sons, Inc.**, Allentown Plant, 1035 Mauch Chunk Road, Bethlehem, PA 18016.

This proposed facility is located in Upper Macungie Township, **Lehigh County**.

Description of Proposed Activity: This is new application to discharge stormwater from a ready-mix concrete production plant site.

The receiving stream, Little Lehigh Creek, is in the State Water Plan watershed 2C (Lehigh River Basin) and is classified for high quality and cold water fishery. The nearest downstream public water supply intake for Allentown is located on the Little Lehigh River is 9 river miles below the point of discharge.

The proposed effluent limits for Outfall 001, based on a design flow of N/A.

<i>Parameter</i>	<i>Mass (lb/day)</i>		<i>Concentration (mg/l)</i>	
	<i>Average Monthly</i>	<i>Maximum Daily</i>	<i>Average Monthly</i>	<i>Maximum Daily</i>
pH (standard units)			6.0 to 9.0 at all times	

**PAS212209**, Industrial Waste, SIC:3273, **Frank Casilio & Sons, Inc.**, Bethlehem Plant, 1035 Mauch Chunk Road, Bethlehem, PA 18016.

This proposed facility is located in Bethlehem City, **Northampton County**.

Description of Proposed Activity: This is new application to discharge stormwater from a ready-mix concrete production plant site.

The receiving stream, Monocacy Creek, is in the State Water Plan watershed 2C (Lehigh River Basin) and is classified for high quality and cold water fishery. The nearest downstream public water supply intake for Yardley District is located on the Delaware River is 54 river miles below the point of discharge.

The proposed effluent limits for Outfall 001, based on a design flow of N/A.

<i>Parameter</i>	<i>Mass (lb/day)</i>		<i>Concentration (mg/l)</i>	
	<i>Average Monthly</i>	<i>Maximum Daily</i>	<i>Average Monthly</i>	<i>Maximum Daily</i>
pH (standard units)			6.0 to 9.0 at all times	

The proposed effluent limits for Outfall 002, based on a design flow of N/A.

<i>Parameter</i>	<i>Mass (lb/day)</i>		<i>Concentration (mg/l)</i>	
	<i>Average Monthly</i>	<i>Maximum Daily</i>	<i>Average Monthly</i>	<i>Maximum Daily</i>
pH (standard units)			6.0 to 9.0 at all times	

*Southcentral Region: Water Management Program Manager, 909 Elmerton Avenue, Harrisburg, PA 17110, (717) 705-4707.*

**PAG123508**, CAFO, **Mason Dixon Farms, Inc.**, 1750 Mason Dixon Road, Gettysburg, PA 17325.

This proposed facility is located in Cumberland Township, **Adams County**.

Description of Proposed Activity: An existing 2,300 dairy operation with a total 4,206.58 average AEU.

The receiving stream, Rock Creek and Marsh Creek, is in the State Water Plan watershed 13-D and is classified for CWF.

The proposed effluent limits for the operation/activity include: except for the chronic or catastrophic rainfall events defined as over the 25 year/24 hour rain storms, the CAFO general permit is a non-discharge NPDES permit. Where applicable, compliance with 40 CFR Federal effluent limitation guidelines is required. The general permit requires no other numeric effluent limitations and compliance with Pennsylvania Nutrient Management Act and the Clean Stream Law constitutes compliance with the State narrative water quality standards.

This application is for renewal of an NPDES permit, PA0011100, for an existing discharge of treated industrial waste to Bernhart Creek in Watershed 3-C, in Muhlenberg Township, Berks County.

The receiving stream is classified for warm water fishes, recreation, water supply and aquatic life. For the purpose of evaluating effluent requirements for TDS, NO<sub>2</sub>—NO<sub>3</sub>, fluoride and phenolics, the an existing downstream potable water supply intake considered during the evaluation was Pottstown Borough located on the Schuylkill River. The discharge is not expected to impact any potable water supply.

The proposed effluent limits for Outfall 001, for a design flow of 1.157 MGD are:

<i>Parameter</i>	<i>Average Monthly (mg/l)</i>	<i>Maximum Daily (mg/l)</i>	<i>Instantaneous Maximum (mg/l)</i>
pH		6.0 to 9.0 S.U. at all times	
Total Suspended Solids	16	32	40
Total Dissolved Solids	3,500	7,000	8,750
Osmotic Pressure (MOS/KG)		79.6	79.6
NH <sub>3</sub> -N (Interim)	Monitor & Report	Monitor & Report	
NH <sub>3</sub> -N (Final)			
(5-1 to 10-31)	1.5	3.0	3.8
(11-1 to 4-30)	4.5	9.0	11.0

The proposed effluent limits for Outfall 101, for a design flow of 1.157 MGD are:

<i>Parameter</i>	<i>Average Monthly (mg/l)</i>	<i>Maximum Daily (mg/l)</i>	<i>Instantaneous Maximum (mg/l)</i>
pH		6.0 to 9.0 S.U. at all times	
Total Suspended Solids	30	60	75
BIS (2-ethylhexyl) Phthalate	0.002	0.004	0.005
Total Copper	0.049	0.098	0.123
Fluoride	17.4	32	32
Total Toxic Organics		1.37	

Individuals may make an appointment to review the DEP files on this case by calling Mary DiSanto, File Review Coordinator, at (717) 705-4732.

The EPA waiver is in effect.

**Application No. PA 008045**, SIC Code 4941, Industrial Waste, **Borough of Carlisle (Water Filtration Plant)**, 53 West South Street, Carlisle, PA 17013.

This application is for renewal of an NPDES permit for an existing discharge of treated industrial waste to Conodoguinet Creek in Watershed 7-B, in North Middleton Township, **Cumberland County**.

The receiving stream is classified for warm water fishes, recreation, water supply and aquatic life. For the purpose of evaluating effluent requirements for TDS, NO<sub>2</sub>—NO<sub>3</sub>, fluoride and phenolics, the Carlisle Suburban Authority downstream potable water supply intake considered during the evaluation was North Middleton Authority located in Cumberland County. The discharge is not expected to impact any potable water supply.

The proposed effluent limits for Outfall 001, for a design flow of 0.288 MGD are:

<i>Parameter</i>	<i>Average Monthly (mg/l)</i>	<i>Maximum Daily (mg/l)</i>	<i>Instantaneous Maximum (mg/l)</i>
Total Suspended Solids	30	60	75
Total Aluminum	4.0	8.0	10
Total Iron	2.0	4.0	5.0
Total Manganese	1.0	2.0	2.5

Individuals may make an appointment to review the DEP files on this case by calling Mary DiSanto, File Review Coordinator, at (717) 705-4732.

The EPA waiver is in effect.

**Application No. PA 0087891**, SIC Code 5191, Storm Water, **Agway, Inc. (Andgrow Fertilizer Facility)**, P. O. Box 4741, Syracuse, NY 13221.

This application is for issuance of an NPDES permit for a new discharge of treated storm water to Mud Run in Watershed 7-F, in Latimore Township, **Adams County**.

The receiving stream is classified for warm water fishery, recreation, water supply and aquatic life. For the purpose of evaluating effluent requirements for TDS, NO<sub>2</sub>—NO<sub>3</sub>, fluoride and phenolics, the existing downstream potable water supply intake considered during the evaluation was Wrightsville Water Supply Co. located in York County. The discharge is not expected to impact any potable water supply.

The proposed storm water monitoring requirements for Outfall 001, 002 and 003 involve sampling and analyses for the following parameters: pH, conductivity, ammonia-nitrogen, nitrate-nitrogen, total phosphorus, potassium, sulfate, chloride, total suspended solids, alachlor (001 only), atrazine (001 only), cyanazine (001 only) and metolachlor (001 only).

The EPA waiver is in effect.

*Northwest Region: Water Management Program Manager, 230 Chestnut Street, Meadville, PA 16335-3481.*

**PA0238503**, Sewage, **D&D Subdivision**, R. D. 1, Box 53A, Pittsfield, PA 16340.

This facility is located in Pine Grove Township, **Warren County**.

Description of Proposed Activity: a new treated sewage discharge.

The receiving stream is the unnamed tributary to Hatch Run is in watershed 16B and classified for: cold water fishes, water supply, recreation.

The proposed effluent limits for Outfall 001, based on a design flow of 0.000800.

<i>Parameter</i>	<i>Average Monthly (mg/l)</i>	<i>Average Weekly (mg/l)</i>	<i>Maximum Daily (mg/l)</i>
CBOD <sub>5</sub>	10		20
Total Suspended Solids	20		40
Fecal Coliform (10-1 to 4-30)		200/100 ml as a geometric average	
(5-1 to 9-30)		2,000/100 ml as a geometric average	
Total Residual Chlorine	1.4		3.3
pH	6.0		9.0

The EPA Waiver is in effect.

**PA0238511**, Sewage, 2646 Mercer—West Middlesex Road, West Middlesex, PA 16159.

This facility is located in Shenango Township, **Mercer County**.

Description of Proposed Activity: a new treated sewage discharge.

The receiving stream is the unnamed tributary to Hogback Run, is in watershed 20-A and classified for: warm water fishes, water supply, recreation.

The proposed effluent limits for Outfall 001, based on a design flow of 0.000800.

<i>Parameter</i>	<i>Average Monthly (mg/l)</i>	<i>Average Weekly (mg/l)</i>	<i>Maximum Daily (mg/l)</i>
CBOD <sub>5</sub>	10		20
Total Suspended Solids	20		40
Fecal Coliform (10-1 to 4-30)		200/100 ml as a geometric average	
(5-1 to 9-30)		2,000/100 ml as a geometric average	
Total Residual Chlorine	1.4		3.3
pH	6.0		9.0

The EPA Waiver is in effect.

**Application No. PA0026387-Amendment No. 1**. Sewage. **St. Marys Municipal Authority**, P. O. Box 1994, 808 South Michael Road, St. Marys, PA 15857.

This application is for renewal of an NPDES Permit to discharge treated sewage to the Elk Creek in the Borough of St. Marys, **Elk County**. This is an existing discharge.

The receiving water is classified for the following uses: Cold Water Fishes, aquatic life, water supply and recreation. For the purpose of evaluating effluent requirements for TDS, NO<sub>2</sub>—NO<sub>3</sub>, fluoride and phenolics, the existing/proposed downstream potable water supply considered during the evaluation is the PA American Water Company on the Clarion River located at Clarion, approximately 70 miles below point of discharge.

The proposed effluent limits, based on a design flow of 2.87 MGD, are:

*Outfall No. 001 Interim Limit*

<i>Parameter</i>	<i>Average Monthly (mg/l)</i>	<i>Weekly Average (mg/l)</i>	<i>Instantaneous Maximum (mg/l)</i>
CBOD <sub>5</sub>	25	40	50
TSS	30	45	60
Ammonia-Nitrogen (5-1 to 10-31)	2.7		5.4
(11-1 to 4-30)	8.1		16.2
Fecal Coliform (5-1 to 9-30)		200/100ml as a geometric average	
(10-1 to 4-30)		3,400/100ml as a geometric average	

<i>Parameter</i>	<i>Average Monthly (mg/l)</i>	<i>Weekly Average (mg/l)</i>	<i>Instantaneous Maximum (mg/l)</i>
Total Residual Chlorine (Interim) (Final)	Monitor and Report		1.45
Copper	0.44		0.1
Silver	0.05		0.009
Dissolved Oxygen	Minimum of 6 mg/l at all times		
pH	6.0—9.0 at all times		

The proposed effluent limits, based on a design flow of 4.31 MGD, are:

*Outfall No. 001 Final Limit*

<i>Parameter</i>	<i>Average Monthly (mg/l)</i>	<i>Weekly Average (mg/l)</i>	<i>Instantaneous Maximum (mg/l)</i>
CBOD <sub>5</sub>	25	40	50
TSS	30	45	60
Ammonia-Nitrogen (5-1 to 10-31) (11-1 to 4-30)	2.9 8.7		5.8 17.4
Fecal Coliform (5-1 to 9-30) (10-1 to 4-30)	200/100 ml as a geometric average 2,500/100 ml as a geometric average		
Copper	0.068		0.14
Silver	0.0041		0.008
Dissolved Oxygen	Minimum of 6 mg/l at all times		
pH	6.0—9.0 at all times		

\* The Copper limitation on Page 2A of the permit is based on a site-specific criteria for Copper developed by means of the Water Effects Ratio (WER) process.

*Outfall No. 003*

This outfall shall consist of stormwater only.

The EPA Waiver is not in effect.

1. Final water quality based effluent limitation for total residual chlorine.
2. Condition for conducting whole effluent toxicity testing.
3. Condition for conducting water effects ratio confirmatory tests for copper.

**WATER QUALITY MANAGEMENT PERMITS  
CONTROLLED INDUSTRIAL WASTE AND SEWAGE  
WASTEWATER APPLICATIONS UNDER THE  
PENNSYLVANIA CLEAN STREAMS LAW**

**Part II Permits**

The following permit applications or requests for plan approval have been received by the Department of Environmental Protection (Department).

Persons wishing to comment on any of the applications are invited to submit a statement to the office noted above the application within 15 days from the date of this public notice. Comments received within this 15-day comment period will be considered in making the final decision regarding the application. The comments should include the name, address and telephone number of the writer and a concise statement to inform the Department of the exact basis of a comment and the relevant facts upon which it is based.

The Department reserves the right to hold a public hearing if the responsible office considers the public response significant. If a hearing is scheduled, a notice of the hearing will be published in the *Pennsylvania Bulletin* and a newspaper of general circulation of the area. If no hearing is held, the Department's Water Management Program Manager will make a final determination regarding the applications after a complete review. Notice of this final determination will be published in the *Pennsyl-*

*vania Bulletin* at which time this determination may be appealed to the Environmental Hearing Board.

A copy of the permit application or proposed plan is on file in the office indicated and is open to public inspection. Appointments to review the application may be made by contacting Records Management at the indicated telephone number.

**Industrial Waste and Sewerage Applications under  
The Clean Streams Law (35 P. S. §§ 691.1—  
691.1001).**

*Southeast Region: Water Management Program Manager, Lee Park, Suite 6010, 555 North Lane, Conshohocken, PA 19428.*

**WQM Permit No. 2301405.** Sewage. **Harrison L. Thompson**, 331 Echo Valley Lane, Newtown Square, PA 19073. Applicant is requesting approval for the construction and operation to replace an existing malfunctioning treatment plant to serve a single residence located in Newtown Township, **Delaware County**.

**WQM Permit No. 1598409 A2.** Sewage. **Little Washington Wastewater Company**, 762 West Lancaster Avenue, Bryn Mawr, PA 19010-3489. Application is requesting approval to modify the Twin Hill Sewage Treatment Plant located in West Pikeland Township, **Chester County**.

**WQM Permit No. 0996414 A1.** Sewerage, **Milford-Trumbauersville Area Sewer Authority**, P. O. Box 126, Spinnerstown, PA 18968. Applicant is requesting approval to amend the existing permit to install a sulfur dioxide system for treated sewage, dechlorination to comply with the new TRC limits located in Milford Township, **Bucks County**.

*Southcentral Region: Water Management Program Manager, 909 Elmerton Avenue, Harrisburg, PA 17110, (717) 705-4707.*

**WQM Permit No. 6701403.** Sewerage, **Red Lion Municipal Authority**, P. O. Box 190, Red Lion, PA 17356-0190.

This proposed facility is located in Red Lion Borough, **York County**.

Description of Proposed Action/Activity: Improvements to the East Lancaster Street Force Main/Vine Street Pumping Station.

**WQM Permit No. 3690403, amendment 01-1.** Sewerage, **Leacock Township Sewer Authority**, P. O. Box 558, Intercourse, PA 17534-0558.

This proposed facility is located in Leacock Township, **Lancaster County**.

Description of Proposed Action/Activity: Rerate existing wastewater treatment facility from 625 lb. BOD<sub>5</sub>/day to 1250 lb. BOD<sub>5</sub> day. Project to include upgrade of aeration system, installation 20 hp motors on existing blowers and install fine bubble diffusers in aerations tanks.

**WQM Permit No. 2169403, amendment 01-1.** Sewerage, **Borough of New Cumberland**, 1120 Market St., New Cumberland, PA 17070-0220.

This proposed facility is located in New Cumberland Borough, **Cumberland County**.

Description of Proposed Action/Activity: Modification to change the type of waste water disinfection from chlorine to UV light.

**WQM Permit No. 3801401.** Sewerage, **Mount Gretna Authority**, 101 Chautauqua Drive, Mount Gretna, PA 17064.

This proposed facility is located in South Londonderry Township, **Lebanon County**.

Description of Proposed Action/Activity: Rerate Organic Loading Capacity of the Waste Water Treatment Plant, increase daily organic loading from 340 lbs BOD<sub>5</sub>/day to 400 lbs. BOD<sub>5</sub>/day.

**WQM Permit No. 2101402.** Sewerage, **F. R. Aquisitions**, 200 Philips Road, Exton, PA 19341-1326.

This proposed facility is located in Dickinson Township, **Cumberland County**.

Description of Proposed Action/Activity: Construct a sewage treatment system to serve Lot C South Point Industrial Park.

**WQM Permit No. 0600402 Amendment 01-1.** Sewerage, **Borough of Topton**, 205 Callowhill Street, Topton, PA 19562.

This proposed facility is located in Longswamp Township, **Berks County**.

Description of Proposed Action/Activity: Construction of a new 300,000 gpd extended aeration treatment unit capable of handling peak flows up to 1.2 million gallons per day.

**WQM Permit No. 2101403.** Sewerage, **Capital Area Christian Church**, 1825 Good Hope Road, Enola, PA 17025.

The proposed facility is located in Silver Spring Township & Hampden Township, **Cumberland County**.

Description of Proposed Action/Activity: Construct a sewage treatment system to serve a multi-purpose church building and an office/mission house.

**WQM Permit No. 2201402.** Sewerage, **Eugene K. and Dolores T. Staskiel**, 1406 Fox Hollow Way, North Myrtle Beach, SC 29582.

The proposed facility is located in East Hanover Township, **Dauphin County**.

Description of Proposed Action/Activity: Construct a small flow sewage treatment system to serve their single family residence.

*Northcentral Region: Water Management Program Manager, 208 West Third Street, Williamsport, PA 17701.*

**WQM Permit No. 5901402.** Sewerage, **New Hamilton Township Supervisors**, P. O. Box 215, Morris Run, PA 16939.

This proposed facility is located in Hamilton Township, **Tioga County**.

Description of Proposed Action/Activity: Proposed construction of a wastewater collection system and an interceptor sewer to Blossburg to handle sewage collected in the Village of Morris Run, Blake Road and Morris Run Road. This project is being implemented to alleviate on-going sewage problems associated with malfunctioning on-lot systems within the Township. The application was received on March 27, 2001, at the Northcentral Regional Office, 208 West Third Street, Williamsport, PA 17701.

*Northwest Region: Water Management Program Manager, 230 Chestnut Street, Meadville, PA 16335-3481.*

**WQM Permit No. 4301410.** Sewerage, **Steven P. Roman**, P. O. Box 86, Harrisville, PA 16038.

This proposed facility is located in Wolf Creek Township, **Mercer County**.

Description of Proposed Action/Activity: This project is for the construction of a Single Residence Sewage Treatment Plant.

**WQM Permit No. 2001408.** Sewerage, **John E. Taddeo**, 24 Anthony Wayne Terrace, Baden, PA 15005.

This proposed facility is located in Cussewago Township, **Crawford County**.

Description of Proposed Action/Activity: This project is for the construction of a Single Residence Sewage Treatment Plant.

**WQM Permit No. 3701401.** Sewerage, **Jeffrey S. and Patti J. Arnold**, P. O. Box 241, Tionesta, PA 16353.

This proposed facility is located in Tionesta Township, **Forest County**.

Description of Proposed Action/Activity: This project is for the construction of a Single Residence Sewage Treatment Plant.

**WQM Permit No. 6201403.** Sewerage, **Mary A. and Mildred B. Steffens**, 4011 Liberty Street, Erie, PA 16509.

This proposed facility is located in Spring Creek Township, **Warren County**.

Description of Proposed Action/Activity: This project is for the construction of a Single Residence Sewage Treatment Plant.

**WQM Permit No. 2001407**, Sewerage, **Joyce A. Hall**, 18420 Barber Road, Meadville, PA 16335.

This proposed facility is located in Union Township, **Crawford County**.

Description of Proposed Action/Activity: This project is for the construction of a Single Residence Sewage Treatment Plant.

**WQM Permit No. 1601401**, Sewerage, **Living Church International, Inc.**, 1087 Pine Run Road, Fairmount City, PA 16224.

This proposed facility is located in Redbank Township, **Clarion County**.

Description of Proposed Action/Activity: This project is for the construction and operation of a small flow treatment facility.

**NPDES Stormwater Individual Permit**

The following parties have applied for an NPDES permit to discharge stormwater associated with a construction activity into waters of this Commonwealth. Unless otherwise indicated, on the basis of preliminary review and application of lawful standards and regulations, the Department of Environmental Protection (Department) proposes to issue a permit to discharge, subject to certain limitations set forth in the permit conditions. These proposed determinations are tentative. Limitations are provided as erosion and sediment control best management practices (BMPs) which restrict the rate and quantity of sediment discharged.

Where indicated, the EPA Region III Administrator has waived the right to review or object to this proposed

*Lackawanna County Conservation District: 1300 Old Plank Road, Mayfield, PA 18433, (570) 281-9495.*

<i>NPDES No.</i>	<i>Applicant Name &amp; Address</i>	<i>County &amp; Municipality</i>	<i>Receiving Water/Use</i>
PAS10N028	Joseph Daley Valley View School Dist. Columbus Dr. Archbald, PA 18403	Lackawanna County Archbald Borough	Lackawanna River HQ-CWF

*Lehigh County Conservation District: Lehigh Ag. Ctr., Ste. 102, 4184 Dorney Park Rd., Allentown, PA 18104, (610) 391-9583.*

<i>NPDES No.</i>	<i>Applicant Name &amp; Address</i>	<i>County &amp; Municipality</i>	<i>Receiving Water/Use</i>
PAS10Q116-R	Jaindl Land Co. David Jaindl 3150 Coffeetown Rd. Orefield, PA 18069	Lehigh County Lower Macungie Township	Little Lehigh Creek HQ-CWF

**SAFE DRINKING WATER**

**Applications Received under the Pennsylvania Safe Drinking Water Act (35 P. S. §§ 721.1—721.17).**

*Northeast Region: Water Supply Management Program Manager, 2 Public Square, Wilkes-Barre, PA 18711-0790.*

**Permit No. 3901503**, Public Water Supply.  
Applicant **Great Spring Waters of America Inc.**

permit action under the waiver provision 40 CFR 123.24(d).

Persons wishing to comment on the proposed permit are invited to submit a statement to the appropriate Department Regional Office noted before the application within 30 days from the date of this public notice. Comments reviewed within this 30-day period will be considered in the formulation of the final determinations regarding this application. Responses should include the name, address and telephone number of the writer and a concise statement to inform the Department of the exact basis of a comment and relevant facts upon which it is based. A public hearing may be held after consideration of comments received by the appropriate Department Regional Office during the 30-day public comment period.

Following the 30-day comment period, the appropriate Regional Office Water Management Program Manager will make a final determination regarding the proposed permit. Notice of this determination will be published in the *Pennsylvania Bulletin* at which time this determination may be appealed to the Environmental Hearing Board.

The application and related documents, including the erosion and sediment control plan for the earth disturbance activity, are on file and may be inspected at the office identified in this notice.

Persons with a disability that require an auxiliary aid, service or other accommodation to participate during the 30-day public comment period should contact the specified Regional Office. TDD users may contact the Department through the Pennsylvania AT&T Relay Service at (800) 654-5984.

*Northeast Region: Water Management Program Manager, 2 Public Square, Wilkes-Barre, PA 18711-0790.*

Township or Borough	Upper Macungie Township, <b>Lehigh County</b>
Responsible Official	David Thorpe, Quality Manager
Type of Facility	Bottling Facility
Consulting Engineer	Gary J. Toplak, PE
Application Received Date	March 16, 2001
Description of Action	A change in the disinfection process and associated piping.



**Permit No. 2801503**, Public Water Supply.  
 Applicant **Greencastle Area Franklin County Area Authority**  
 Municipality Antrim Township  
 County **Franklin**  
 Responsible Official Kenneth E Myers, Borough Manager  
 60 N. Washington St.  
 Greencastle, PA 17225-1230  
 Type of Facility Public Water Supply  
 Consulting Engineer Gene C. Koontz, P.E.  
 Gannett Fleming, Inc.  
 P. O. Box 67100  
 Harrisburg, PA 17106-7100  
 Application Received Date March 15, 2001  
 Description of Action Century Well No. 3 at 400 gpm. Project will include 900' of 8-inch transmission main and treatment will be provided at the existing Greencastle filter plant

**Permit No. 3601507**, Public Water Supply.  
 Applicant **Rosie's Drive-in**  
 Municipality Providence Township  
 County **Lancaster**  
 Responsible Official Rosie Roten  
 827 Lancaster Pike  
 Quarryville, PA 17566  
 Type of Facility Public Water Supply  
 Consulting Engineer Thomas J Whitehill, P.E.  
 Whitehill Consulting Engineers  
 763 Conowingo Rd.  
 Quarryville, PA 17566  
 Application Received Date March 19, 2001  
 Description of Action Application is for the installation of an anion exchange system for nitrate removal, UV disinfection and sediment filter at the restaurant.

**Permit No. 0101504**, Public Water Supply.  
 Applicant **Insite Development, LLC**  
 Municipality Berwick Township  
 County **Adams**  
 Responsible Official Donald H. Erwin, Managing Member  
 4216 Little Run Road  
 Harrisburg, PA 17110-3105  
 Type of Facility Public Water Supply  
 Consulting Engineer Charles A. Kehew, II, P.E.  
 James R. Holley & Assoc., Inc.  
 18 South George St.  
 York, PA 17401  
 Application Received Date March 21, 2001

Description of Action Construction Permit for Wells No. 3, 6 and 7 and treatment facilities. Desired pumping rates for the wells are 25, 4 and 9 gallons per minute, respectively. Well No. 3 will be treated using existing facilities. Wells No. 6 and 7 will each have a treatment building. Both will contain greensand filtration and hypochlorite disinfection equipment.

**Permit No. 2201504**, Public Water Supply.  
 Applicant **Strohecker Mobile Home Park**  
 Municipality Halifax Township  
 County **Dauphin**  
 Responsible Official Larry R. Strohecker, Owner  
 615-A Dunkle School Road  
 Halifax, PA 17032  
 Type of Facility Public Water Supply  
 Consulting Engineer George W. Ruby, P.E.  
 Ruby Engineering  
 P. O. Box 127  
 Rexmont, PA 17085-0127  
 Application Received Date March 29, 2001

Description of Action The application is for the installation of Well No. 4, a 26,000-gallon storage tank, booster pumps for Well Nos. 2 & 3 and chemical feed pumps for all three wells.

**Permit No. 3801502**, Public Water Supply.  
 Applicant **Pennsylvania American Water Company**  
 Municipality North Annville Township  
 County **Lebanon**  
 Responsible Official Richard C. Neubauer,  
 Vice President Operations  
 800 W. Hersheypark Drive  
 Hershey, PA 17033  
 Type of Facility Public Water Supply  
 Consulting Engineer Bruce E. Juergens  
 Pennsylvania Water Company  
 800 W. Hersheypark Drive  
 Hershey, PA 17033  
 Application Received Date April 4, 2001

Description of Action The application is for the installation of a booster pumping station to serve residents of the Collegeview Heights Development in North Annville Township, Lebanon County.

## HAZARDOUS SITES CLEAN-UP

### Under the Act of October 18, 1998 Notice of Reopening of the Administrative Record Furlong Manufacturing Company Site Doylestown and Buckingham Townships, Bucks County

The Department of Environmental Protection (Department), under the authority of the Hazardous Sites Cleanup Act (HSCA) (35 P. S. §§ 6020.101—6020.1305), is proposing an interim response at the Furlong Manufacturing Site.

The Furlong Manufacturing Site is located at York Road and Rodgers Road in Doylestown and Buckingham Townships, Bucks County. The site consists of the former facility of Furlong Manufacturing, Inc. (Furlong Manufacturing or Site), and contaminated soil and groundwater resulting from Furlong Manufacturing's operations at this facility.

The Department has determined the following: Furlong Manufacturing is no longer in business. The current tenant of the site, Furlong Lamp and Lighting, is an related company with different owners.

A further investigation of the Site by the Department's Hazardous Sites Cleanup Program (HSCP) identified approximately 2,000 cubic yards of soil contaminated with volatile organic compounds (VOCs) in excess of Statewide cleanup standards promulgated under the Land Recycling and Environmental Remediation Standards Act (Act 2 of 1995). The standards exceeded are those based on potential impact on groundwater that is used as a supply of potable water. The HSCP investigation also identified a number of VOC-contaminated residential wells nearby, with the Furlong Manufacturing soil the only known source. The Department installed and sampled groundwater monitoring wells on the Site. Analytical data indicates VOCs contaminate onsite groundwater at levels higher than nearby off-site wells. To date, five nearby private water supply wells have exceeded Maximum Contaminant Levels (MCLs) established by EPA for public water supplies. The Department provided carbon filters previously, and continues to provide filter maintenance for all five private water supply wells. The only known environmental hazard associated with the site is based on exposure to groundwater contaminated with VOCs.

The Department is considering the following alternatives in response to on-site contaminated soil at Furlong Manufacturing:

*Alternative 1, No Action:* HSCA requires the Department to consider the alternative of taking no action. Under this alternative, no action would be taken to prevent continued leaching of contaminants from soil into groundwater. Continued sampling of monitoring wells would be required. This alternative would do nothing to protect public health. Contaminated soil would remain, allowing further releases to groundwater. An aquifer currently used as a source of drinking water would be subject to continuing contamination with hazardous substances leaching from contaminated soil. No estimated cost is associated with Alternative 1, No Action.

*Alternative 2, Excavation and Disposal of Contaminated Soil, Septic Tank and Waste:* Accessible soils contaminated above Statewide Human Health Standards for Soil, established under Act 2 of 1995, would be excavated and disposed of offsite. The cleanup levels exceeded are those established for certain VOCs. Each of the standards exceeded was based on the potential of contaminated soil

to leach contaminants into groundwater in a leachate concentration exceeding a health-based groundwater cleanup standard. The volume of soil to be removed is estimated to be 2,000 cubic yards. The septic tank and its contents are accessible for excavation and the Department anticipates no problem in disposing of the waste. This alternative would be protective of public health in that it would eliminate a source of continuing contamination of an aquifer currently used as a source of private drinking water. The estimated cost of Alternative 2 is \$175,000.

*Alternative 3, Excavation and Disposal of Septic Tank and Waste, Treatment of Contaminated Soils by Soil Vapor Extraction:* Soils contaminated above cleanup levels would be treated onsite vapor extraction. The cleanup levels exceeded are those established for certain VOCs. Each of the standards exceeded was based on the potential of contaminated soil to leach contaminants into groundwater in a leachate concentration exceeding a health-based groundwater cleanup standard. The volume of soil to be treated is estimated to be 2,000 cubic yards. The septic tank and its contents are accessible for excavation and the Department anticipates no problem in disposing of the waste. This alternative would be protective of public health in that it would eliminate a source of continuing contamination of an aquifer currently used as a source of drinking water. The estimated cost of Alternative 3 is \$1,800,000.

The Department is proposing Alternative 2. Alternative 1 is not protective of public health or the environment, would require long-term monitoring of area groundwater, and would not meet State and Federal applicable or relevant and appropriate requirements (ARARs). Alternative 3 would protect public health and the environment, but would be much less cost effective than Alternative 2. The Department finds that Alternative 2 is a permanent, cost-effective response that is feasible and would meet ARARs.

The Administrative Record which contains the information that forms the basis for, and documents this proposed response action, is available for public review Monday through Friday from 8 a.m. to 4 p.m. at the Department office at Lee Park, Suite 6010, 555 North Lane, Conshohocken, PA 19428-2233. Written comments should be mailed or delivered to David Ewald, Project Officer, at the previous address. To schedule a review of the Administrative Record at the Department office, call David Ewald at (610) 832-6200 or John Gerdemann at (610) 832-6228.

An additional copy of the Administrative Record is available for public review at the Bucks County Library Center, located at 150 South Pine Street, Doylestown, PA. The library's hours are 9 a.m. to 9 p.m., Monday through Thursday; 9 a.m. to 6 p.m., Friday; 9 a.m. to 5 p.m., Saturday; 1 p.m. to 5 p.m., Sunday. Further details can be obtained by calling the library at (215) 348-9082.

The public will have an opportunity to present oral comments at a public hearing. The public hearing is scheduled for 7 p.m. on May 18, 2001, at the Doylestown Township Municipal Building, 425 Wells Road, Doylestown, PA 18901, (215) 348-9915. Persons wishing to present oral comments may register on or before the date of the public hearing by contacting John Gerdemann, DEP Community Relations Coordinator at (610) 832-6228.

Persons with a disability who wish to attend the hearing scheduled for May 18, 2001, and require an auxiliary aid, service or other accommodation to partici-

pate in the proceedings, should contact John Gerdelmann or the Pennsylvania AT&T Relay Service at (800) 654-5984 (TDD) to discuss how the Department may accommodate their needs.

The Department is providing this notice under sections 505(b) and 506(b) of HSCA. The date of publication of this notice in the *Pennsylvania Bulletin* initiates the public comment period on the administrative record, as provided under HSCA. The public comment period begins on Saturday, April 21, 2001, and ends on Friday, June 22, 2001.

## LAND RECYCLING AND ENVIRONMENTAL REMEDIATION

### UNDER ACT 2, 1995

#### PREAMBLE 1

#### **Acknowledgment of Notices of Intent to Remediate Submitted under the Land Recycling and Environmental Remediation Standards Act (35 P. S. §§ 6026.101—6026.908).**

Sections 302—305 of the Land Recycling and Environmental Remediation Standards Act (Act) require the Department of Environmental Protection (Department) to publish in the *Pennsylvania Bulletin* an acknowledgment noting receipt of any Notices of Intent to Remediate. An acknowledgment of the receipt of a Notice of Intent to Remediate is used to identify a site where a person proposes to, or has been required to, respond to a release of a regulated substance at a site. Persons intending to use the background standard, Statewide health standard, the site-specific standard, or who intend to remediate a site as a special industrial area, must file a Notice of Intent to Remediate with the Department. A Notice of Intent to Remediate filed with the Department provides a brief description of the location of the site, a list of known or suspected contaminants at the site, the proposed remediation measures for the site, and a description of the intended future use of the site. A person who demonstrates attainment of one, or a combination of the cleanup standards, or who receives approval of a special industrial area remediation identified under the Act, will be relieved of further liability for the remediation of the site for any contamination identified in reports submitted to and approved by the Department. Furthermore, the person shall not be subject to citizen suits or other contribution actions brought by responsible persons not participating in the remediation.

Under sections 304(n)(1)(ii) and 305(c)(2) of the Act, there is a 30-day public and municipal comment period for sites proposed for remediation using a site-specific standard, in whole or in part, and for sites remediated as a special industrial area. This period begins when a summary of the Notice of Intent to Remediate is published in a newspaper of general circulation in the area of the site. For the sites identified, proposed for remediation to a site-specific standard or as a special industrial area, the municipality, within which the site is located, may request to be involved in the development of the remediation and reuse plans for the site if the request is made within 30 days of the date specified below. During this comment period, the municipality may request that the person identified below, as the remediator of the site, develop and implement a public involvement plan. Requests to be involved, and comments, should be directed to the remediator of the site.

For further information concerning the content of a Notice of Intent to Remediate, contact the Environmental

Cleanup Program Manager in the Department Regional Office under which the notice appears. If information concerning this acknowledgment is required in an alternative form, contact the Community Relations Coordinator at the appropriate Regional Office listed. TDD users may telephone the Department through the AT&T Relay Service at (800) 654-5984.

The Department has received the following Notices of Intent to Remediate:

*Southeast Region: Environmental Cleanup Program Manager, Lee Park, Suite 6010, 555 North Lane, Conshohocken, PA 19428.*

**George's Music, Inc.**, Upper Gwynedd Township, **Montgomery County**. Philip F. Gray, Jr., Storb Environmental, Inc., 410 N. Easton Rd., Willow Grove, PA 19090-2511, on behalf of George's Music, Inc., 650 W. Swedesford Rd., Berwyn, PA 19312, has submitted a Notice of Intent to Remediate site groundwater contaminated with BTEX and petroleum hydrocarbons. The applicant proposes to remediate the site to meet Background Standards. A summary of the Notice of Intent to Remediate was reported to have been published in the *Reporter* on April 3, 2001.

*Southcentral Region: Environmental Cleanup Program Manager, 909 Elmerton Avenue, Harrisburg, PA 17110.*

**Doerrman Property**, Ruscombmanor Township, **Berks County**. Walter B. Satterthwaite Associates, Inc., 720 Old Fern Hill Road, West Chester, PA 19380, on behalf of Patrick and Amy Doerrman, 3638 Princetown Road, Fleetwood, PA 19522 and State Farm Insurance, 108 West Airport Road, Lititz, PA 17543, has submitted a Notice of Intent to Remediate site soils and groundwater contaminated with BTEX and PAHs. The applicant proposes to remediate the site to meet the Statewide health standard requirements. A summary of the Notice of Intent to Remediate was reported to have been published in the *Reading Eagle* on March 27, 2001.

**Kemps Foods Bulk Plant**, City of York, **York County**. GeoLogic NY, Inc., P. O. Box 5080, Cortland, NY 13045, on behalf of Kemps Foods, Inc., 1801 Hempstead Road, Lancaster, PA 17604, has submitted a Notice of Intent to Remediate site soils contaminated with PHCs. The applicant proposes to remediate the site to meet the Statewide health standard requirements. A summary of the Notice of Intent to Remediate was reported to have been published in the *York Dispatch* on March 30, 2001.

**Riverview Architectural Products**, West Manchester Township, **York County**. Langan Engineering & Environmental Services, Inc., One Penn Center, Suite 960, 1617 JFK Boulevard, Philadelphia, PA 19103-1808, on behalf of KADG General Partnership, c/o Riverview Architectural Products, Inc., 268 West Beaver Street, Suite 107 B, Hellam, PA 17406, has submitted a Notice of Intent to Remediate site soils contaminated with PAHs and VOCs and groundwater contaminated with VOCs. The applicant proposes to remediate the site to meet the Statewide health standard requirements. A summary of the Notice of Intent to Remediate was reported to have been published in the *York Daily Record* and *York Dispatch* on March 16, 2001.

*Northcentral Region: Environmental Cleanup Program Manager, 208 West Third Street, Williamsport, PA 17701.*

**Matthews Motors—Covington Site**, Covington Township, **Tioga County**. Brooks Petroleum Contracting Company, R. R. 7, Box 141, Wellsboro, PA 16901, on behalf of Putnam Company, 5 East Avenue, Wellsboro, PA 16901,

has submitted a Notice of Intent to Remediate site soil and groundwater contaminated with BTEX. The applicant proposes to remediate the site to meet the Statewide Health Standard. A summary of the Notice of Intent to Remediate was reported to have been published in the *Wellsboro Gazette*, on January 10, 2001. (See additional notice in another part of this *Pennsylvania Bulletin*).

#### MUNICIPAL WASTE GENERAL PERMITS

**Applications Received under the Solid Waste Management Act (35 P. S. §§ 6018.101—6018.1003); the Municipal Waste Planning, Recycling and Waste Reduction Act (53 P. S. §§ 4000.101—4000.1904); and Municipal Waste Regulations for a General Permit to Operate Municipal Waste Processing Facilities and the Beneficial Use of Municipal Waste.**

*Central Office: Division of Municipal and Residual Waste, Rachel Carson State Office Building, 14th Floor, 400 Market Street, Harrisburg, PA 17105-8472.*

**General Permit Application No. WMGM009. Susquehanna Valley Organics, Corp.**, 3705 Trindle Road, Camp Hill, PA 17011-4334. Description: process sewage sludge from the City of Lancaster's municipal wastewater treatment plant to produce a fertilizer. The application was determined to be administratively complete on April 5, 2001.

Comments concerning the application should be directed to Ronald C. Hassinger, Chief, General Permits and Beneficial Use Section, Division of Municipal and Residual Waste, P. O. Box 8472, Harrisburg, PA 17105-8472. Persons interested in obtaining more information about the general permit application may contact the Division of Municipal and Residual Waste, (717) 787-7381. TDD users may contact the Department through the Pennsylvania Relay service, (800) 654-5984. Public comments must be submitted within 60 days of this notice and may recommend revisions to, and approval or denial of the application.

**General Permit Application No. WMGM010. Moyer Packing Company**, P. O. Box 395, Souderton, PA 18964-0395.

The Department of Environmental Protection, Bureau of Land Recycling and Waste Management has received an application for the General Permit Number WMGM010. The application is for the beneficial use of animal fat/vegetable oil as a dust suppressant. The Department determined the application to be administratively complete on April 9, 2001.

Comments concerning the application should be directed to Ronald C. Hassinger, Chief, General Permits and Beneficial Use Section, Division of Municipal and Residual Waste, Bureau of Land Recycling and Waste Management, P. O. Box 8472, Harrisburg, PA 17105-8472. Persons interested in obtaining more information about the general permit application may contact the Division at (717) 787-7381. TDD users may contact the Department through the Pennsylvania Relay service, (800) 654-5984. Public comments must be submitted within 60 days of this notice and may recommend revisions to, and approval or denial of the application.

#### RESIDUAL WASTE GENERAL PERMITS

**Applications Received under the Solid Waste Management Act (35 P. S. §§ 6018.101—6018.1003); the Municipal Waste Planning, Recycling and Waste**

**Reduction Act (53 P. S. §§ 4000.101—4000.1904); and Residual Waste Regulations for a General Permit to Operate Residual Waste Processing Facilities and the Beneficial Use of Residual Waste other than Coal Ash.**

*Central Office: Division of Municipal and Residual Waste, Rachel Carson State Office Building, 14th Floor, 400 Market Street, Harrisburg, PA 17105-8472.*

**General Permit Application No. WMGR074. Soil Remediation of Philadelphia, Inc.**, 3201 South 61st Street, Philadelphia, PA 19153-3592.

The Department of Environmental Protection, Bureau of Land Recycling and Waste Management has received an application from the permittee for the General Permit Number WMGR074. The general permit is for the beneficial use of processed soil, which has been processed under the existing individual permit (#301220) to create landscaping soil products. The Department determined the application to be administratively complete on April 9, 2001.

Comments concerning the application should be directed to Ronald C. Hassinger, Chief, General Permits and Beneficial Use Section, Division of Municipal and Residual Waste, Bureau of Land Recycling and Waste Management, P. O. Box 8472, Harrisburg, PA 17105-8472. Persons interested in obtaining more information about the general permit application may contact the Division at (717) 787-7381. TDD users may contact the Department through the Pennsylvania Relay service, (800) 654-5984. Public comments must be submitted within 60 days of this notice and may recommend revisions to, and approval or denial of the application.

#### DETERMINATION FOR APPLICABILITY FOR RESIDUAL WASTE GENERAL PERMITS

**Applications for Determination of Applicability Received under the Solid Waste Management Act (35 P. S. §§ 6018.101—6018.1003); the Municipal Waste Planning, Recycling and Waste Reduction Act (53 P. S. §§ 4000.101—4000.1904); and Residual Waste Regulations for a General Permit to Operate Residual Waste Processing Facilities and/or the Beneficial Use of Residual Waste Other Than Coal Ash.**

*Central Office: Division of Municipal and Residual Waste, Rachel Carson State Office Building, 14th Floor, 400 Market Street, Harrisburg, PA 17105-8472.*

**General Permit Application No. WMGR037D001. RFI Energy, Inc.**, 555 Philadelphia Street, Indiana, PA 15701. Description: the beneficial use of ash generated from the burning as a fuel of a mixture of petroleum coke and coal in a circulating fluidized bed boiler for use in reclamation activities on disturbed land at permitted mine sites regulated under the Department's Bureau of Mining and Reclamation and at abandoned mine sites reclaimed under a contract with the Department's Bureau of Abandoned Mine Reclamation or with another governmental agency. The application for determination of applicability was determined to be administratively complete by the Division of Municipal and Residual Waste on March 16, 2001.

Persons interested in obtaining more information about the general permit application may contact the Division of Municipal and Residual Waste, (717) 787-7381. TDD users may contact the Department through the Pennsylvania Relay service, (800) 654-5984.

**General Permit Application No. WMGR019D004. Besco Manufacturing Company, Inc.,** P. O. Box 68, Zelenople, PA 16063-0068.

The Department of Environmental Protection, Bureau of Land Recycling and Waste Management has received an application for a determination of applicability under the General Permit # WMGR019. The general permit WMGR019D004 is for the beneficial use of waste foundry sand. The Department determined the application to be administratively complete on April 9, 2001.

Persons interested in obtaining more information about the general permit application may contact Ronald C. Hassinger, Chief, General Permits and Beneficial Use Section, Division of Municipal and Residual Waste, Bureau of Land Recycling and Waste Management, P. O. Box 8472, Harrisburg, PA 17105-8472 at (717) 787-7381. TDD users may contact the Department through the Pennsylvania Relay service, (800) 654-5984.

#### **OPERATE WASTE PROCESSING OR DISPOSAL AREA OR SITE**

**Applications submitted under the Solid Waste Management Act (35 P. S. §§ 6018.101—6018.1003), the Municipal Waste Planning, Recycling and Waste Reduction Act (53 P. S. §§ 4000.101—4000.1904) and Regulations to Operate Solid Waste Processing or Disposal Area or Site.**

*Northeast Region: Regional Solid Waste Manager, 2 Public Square, Wilkes-Barre, PA 18711-0790.*

**Permit Application No. 100020. IESI PA Bethlehem Landfill, IESI PA Bethlehem Landfill Corporation,** 2335 Applebutter Road, Bethlehem, PA 18015. A Phase IV landfill expansion and an increase in average daily volume from 750 to 900 tons per day with an increase in landfill capacity of 72,000 cubic yards for this municipal waste landfill located in Lower Saucon Township, **Northampton County**. The application was determined to be administratively complete by the Regional Office on April 4, 2001.

### **AIR QUALITY**

#### **NOTICE OF PLAN APPROVAL AND OPERATING PERMIT APPLICATIONS**

##### **NEW SOURCES AND MODIFICATIONS**

The Department of Environmental Protection (DEP) has developed an integrated plan approval, State Operating Permit and Title V Operating Permit program. This integrated approach is designed to make the permitting process more efficient for DEP, the regulated community and the public.

This approach allows the owner or operator of a facility to complete and submit all the permitting documents relevant to its application one time, affords an opportunity for public input and provides for sequential issuance of the necessary permits.

Notice is hereby given that DEP has received applications for plan approvals and/or operating permits from the following facilities.

Copies of these applications, subsequently prepared draft permits, review summaries and other support materials are available for review in the Regional Office identified in this notice. Persons interested in reviewing the application files should contact the appropriate Regional Office to schedule an appointment.

Persons wishing to receive a copy of the proposed Plan Approval or Operating Permit must indicate their interest to the DEP Regional Office within 30 days of the date of this notice, and must file protests or comments on a Proposed Plan Approval or Operating Permit within 30 days of the DEP providing a copy of the proposed document to that person or within 30 days of its publication in the *Pennsylvania Bulletin*, whichever comes first. Interested persons may also request that a hearing be held concerning the proposed plan approval and operating permit. Any comments or protests filed with DEP Regional Offices must include a concise statement of the objections to the issuance of the plan approval or operating permit and relevant facts, which serve as the basis for the objections. If DEP schedules a hearing, a notice will be published in the *Pennsylvania Bulletin* at least 30 days prior the date of the hearing.

Persons with a disability who wish to comment and require an auxiliary aid, service or other accommodation to participate should contact the Regional Office identified. TDD users may contact the Department through the Pennsylvania AT&T Relay Service at (800) 654-5984.

Final plan approvals and operating permits will contain terms and conditions to ensure that the source is constructed and operating in compliance with applicable requirements in 25 Pa. Code Chapters 121—143, the Federal Clean Air Act and regulations adopted under the Act.

**Applications Received and Intent to Issue Operating Permits under the Air Pollution Control Act (35 P. S. §§ 4001—4015) and 25 Pa. Code Chapter 127, Subchapter F (relating to operating permit requirements).**

*Southcentral Region: Air Quality Program, 909 Elmerton Avenue, Harrisburg, PA 17110, Ronald Davis, New Source Review Chief, (717) 705-4702.*

**06-03106: Behringer Saws, Inc.** (721 Hemlock Road, Morgantown, PA 19543) for a Natural Minor Operating Permit for an industrial saw manufacturing facility with a surface coating operation controlled by dry filters in Caernarvon Township, **Berks County**.

**21-03032: Union Quarries, Inc.** (P. O. Box 686, Carlisle, PA 17013) for a Natural Minor Operating Permit for the existing quarry and concrete plant in South Middleton Township, **Cumberland County**.

**36-03104: Lancaster Container, Inc.** (P. O. Box 18, Washington Boro, PA 17582) for a Natural Minor Operating Permit for a surface coating operation in Manor Township, **Lancaster County**.

**36-03124: Crest Trucking Equipment Co., Inc.** (1363 Bowmansville Road, P. O. Box 555, Bowmansville, PA 17507) for a Natural Minor Operating Permit for the motor vehicle equipment manufacturing facility in Brecknock Township, **Lancaster County**.

*Philadelphia Department of Public Health, Air Management Services: 321 University Ave., Philadelphia, PA 19104, Roger Fey, (215) 823-7584.*

**96-045: Temple Continuing Care Center** (5301 Old York Road, Philadelphia, PA 19141) for operation of a hospital. The Synthetic Minor facility's air emission sources include six natural gas or no. 2 oil-fired boilers each rated at 6 MMBTU/hr, eleven natural gas-fired boilers and heaters each rated at or less than 1.0 MMBTU/hr, and two emergency generators in the City of Philadelphia, **Philadelphia County**.

## PLAN APPROVALS

### Applications Received for Plan Approvals under the Air Pollution Control Act (35 P. S. §§ 4001—4015) and 25 Pa. Code Chapter 127, Subchapter B (relating to plan approval requirements).

*Northeast Region: Air Quality Program, 2 Public Square, Wilkes-Barre, PA 18711-0790, Michael Safko, Acting New Source Review Chief, (570) 826-2531.*

**35-318-085: Gentex Optics, Inc.** (P. O. Box 336, Carbondale, PA 18407) for construction of a lens coating operation in Fell Township, **Lackawanna County**.

**39-301-081: Lehigh Valley Hospital** (1200 South Cedar Crest Boulevard, Allentown, PA 18103) for construction of an incinerator and associated air-cleaning device in Salisbury Township, **Lehigh County**.

*Southcentral Region: Air Quality Program, 909 Elmerton Avenue, Harrisburg, PA 17110, Ronald Davis, New Source Review Chief, (717) 705-4702.*

**67-05030A: C-P Converters, Inc.** (15 Grumbacher Road, York, PA 17402) for the installation of Flexographic Press controlled by permanent total enclosure and catalytic incinerator in Manchester Township, **York County**.

**36-03124: Crest Trucking Equipment Co., Inc.** (1363 Bowmansville Road, Bowmansville, PA 17507) for the installation of a paint spray booth and a coating equivalency in Brecknock Township, **Lancaster County**.

**36-05101A: Highway Materials, Inc.** (1750 Walton Road, P. O. Box 1667, Blue Bell, PA 19422-0465) to modify the operation of the existing propane fired hot mix asphalt plant to operate the plant on alternative fuels including recycled fuel oil, No. 2 fuel oil, No. 4 fuel oil, No. 5 fuel oil and natural gas. The facility is located in Warwick Township, **Lancaster County**. This source is subject to 40 CFR Part 60 Subpart I—Standards of Performance for Hot Mix Asphalt Facilities.

**67-05068A: Highway Materials, Inc.** (1750 Walton Road, P. O. Box 1667, Blue Bell, PA 19422-0465) to modify the operation of the existing propane fired hot mix asphalt plant to operate the plant on alternative fuels including recycled fuel oil, No. 2 fuel oil, No. 4 fuel oil, No. 5 fuel oil, and natural gas. The facility is located in Hellam Township, **York County**. This source is subject to 40 CFR Part 60, Subpart I—Standards of Performance for Hot Mix Asphalt Facilities.

*Northcentral Region: Air Quality Program, 208 West Third Street, Williamsport, PA 17701, Richard Maxwell, New Source Review Chief, (570) 327-3637.*

**18-00011A: Croda, Inc.** (P. O. Box 178, Mill Hall, PA 17751) for construction of 15 volatile organic compound storage tanks with capacities of 11,000 to 20,000 gallons each (Tanks 403, 404, 112, 113, 468, 119, 121, 125, 126, 463, 496, 464, 465, 474 and 456) in Bald Eagle Township, **Clinton County**. These tanks are subject to Subpart Kb of the Federal Standards of Performance for New Stationary Sources.

**08-399-048: OSRAM SYLVANIA Products, Inc.** (Hawes Street, Towanda, PA 18848) for installation of an air cleaning device (a fiber bed diffusion filter) on five ammonium chloride solution storage tanks in Department 340 in North Towanda Township, **Bradford County**.

**12-327-001: Keystone Automatic Technology, Inc.** (1 South Maple Street, Emporium, PA 15834) for construc-

tion of a batch vapor degreaser utilizing trichloroethylene as a degreasing solvent in Emporium Borough, **Cameron County**.

**49-303-005B: Meckley's Limestone Products, Inc.** (R. R. 1, Box 1682, Herndon, PA 17830) for modification of a batch asphalt plant and associated air cleaning device (a fabric collector) in Lower Mahanoy Township, **Northumberland County**. The modification is the use of reprocessed oil as fuel in the plant's aggregate dryer instead of virgin #2 fuel oil.

*Southwest Region: Air Quality Program, 400 Waterfront Drive, Pittsburgh, PA 15222-4745, William Charlton, New Source Review Chief, (412) 442-4174.*

**56-00284A: Quecreek Mining, Inc.** (1576 Stoystown Road, Friedens, PA 15541) for installation of coal screening at Quecreek No. 1 Mine in Lincoln Township, **Somerset County**.

**63-00878A: Dominion Peoples Natural Gas Co.** (625 Liberty Avenue, Pittsburgh, PA 15222) for installation of a Glycol Dehydration Unit at Gibson Compressor Station in Fallowfield Township, **Washington County**.

*Northwest Region: Air Quality Program, 230 Chestnut Street, Meadville, PA 16335-3481, Devendra Verma, New Source Review Chief, (814) 332-6940.*

**37-316A: International Mill Service** (700 Moravia Street, New Castle, PA 16101) for construction of a slag processing facility, maximum 150 tons per hour, on the property of Ellwood Quality Steels, in New Castle, **Lawrence County**.

**37-003A: ESSROC Cement Corp.** (Second Street, Bessemer, PA 16112) for installation of a 1,000 cfm baghouse on the existing cement kiln dust (CKD), loadout system in Bessemer, **Lawrence County**. ESSROC Cement Corp. is a Title V facility.

**43-277A: Joy Cone Co.** (3435 Lamor Road, Hermitage, PA 16148-3097) for construction of a 3-tons/day incinerator to dispose of cones and paper products in Hermitage, **Mercer County**.

**10-047F: Mine Safety Appliances Co.—Callery Chemical Co.** (1420 Mars-Evans City Road, Evans City, PA 16033-9397) for installation of new equipment and control to support the production of two new products in Forward Township, **Butler County**.

**10-102A: IA Construction Corp.—Harrisville Asphalt Plant** (131 Campground Road, Butler, PA 16003) to modify existing permit to burn alternative fuels: Reprocessed Fuel #5, #2 Fuel Oil, and Natural Gas in Mercer Township, **Butler County**.

**62-035A: IA Construction Corp.—Warren CMI Asphalt Plant** (240 River Road, Warren, PA 16365) to modify existing permit to burn alternative fuels: Reprocessed Fuel #5, #2 Fuel Oil, and Natural Gas in Conewango Township, **Warren County**.

**10-079B: BNZ Materials, Inc.** (191 Front Street, Zelenople, PA 16063) for construction of a high-temperature cast insulating fire brick production line, including raw material handling and mixing equipment, tunnel kiln, molds, and scrubber system in Zelenople, **Butler County**. BNZ Materials is a Title V facility.

**24-133A: Pyron Corp.** (201 Stackpole Street, P. O. Box 479, St. Marys, PA 15857) to construct a metal scrap regrinding system and to install an air cleaning device to control the particulates in the City of St. Marys, **Elk County**.

## PLAN APPROVALS

### Intent to Issue Plan Approvals under the Air Pollution Control Act (35 P.S. §§ 4001—4015) and 25 Pa. Code Chapter 127, Subchapter B (relating to plan approval requirements).

#### NOTICE OF INTENT TO ISSUE A PLAN APPROVAL AND AMEND A TITLE V OPERATING PERMIT

*Northeast Region: Air Quality Program, 2 Public Square, Wilkes-Barre, PA 18711-0790, Michael Safko, Acting New Source Review Chief, (570) 826-2531.*

**40-320-013: Bemis Co., Inc.** (Valmont Industrial Park, 20 Jaycee Drive, West Hazleton, PA 18201) for construction and operation of two flexographic presses with a catalytic incinerator as an air pollution control equipment for VOC (Volatile Organic Compound) emissions at their plant in West Hazleton Borough, **Luzerne County**. The facility currently has Title V Operating Permit 40-00007. This Plan Approval will, in accordance with 25 Pa. Code § 127.450, be incorporated into the Title V Operating Permit through an administrative amendment at a later date.

This installation will emit VOCs at a maximum rate of 9.1 pounds per hour. The Department will place a condition to limit the VOC emissions from these sources to less than 9.1 pounds per hour and 20.1 tons per year on a 12-month rolling sum. Under the Best Available Technology provision of 25 Pa. Code, Chapter 127, the catalytic incinerator must meet 98% destruction efficiency for VOCs with 100% capture efficiency. The Plan Approval and Operating Permit will contain additional recordkeeping and operating restrictions designed to keep the facility operating within all applicable air quality requirements. Further details on the conditions and the reasons for their inclusion are available upon request.

*Northcentral Region: Air Quality Program, 208 West Third Street, Williamsport, PA 17701, Richard Maxwell, New Source Review Chief, (570) 327-3637.*

**18-00005A: Dominion Transmission Corp.—Finnefrock Compressor Station** (CNG Tower, 625 Liberty Avenue, Pittsburgh, PA 15222-3199) for installation of an air cleaning device, a multipoint fuel injection system, on an 1,100 horsepower natural gas-fired reciprocating internal combustion compressor engine (Engine 3) in Leidy Township, **Clinton County**. The Department's review of the information contained in the application indicates that the proposed installation will meet all applicable air quality requirements. Based on this finding, the Department intends to approve the application and issue a plan approval to install the proposed air cleaning device on the respective engine.

The Finnefrock Compressor Station is a major facility, which has been issued a Title V Operating Permit. The proposed air cleaning device will replace an existing air cleaning device and is intended to better assure compliance with the nitrogen oxides and volatile organic compound (VOC) emission limitations previously established for the respective engine under the reasonably available control technology requirements of 25 Pa. Code §§ 129.91—129.95, as well as with the carbon monoxide emission limitation to which the engine is currently subject. This installation will not result in any change in the amount of any air contaminant allowed to be emitted from the engine but may result in a reduction in the

emission rate of one or more air contaminants from the level now actually occurring.

The following is a summary of the conditions the Department proposes to place in the plan approval to ensure compliance with all applicable air quality regulatory requirements:

1. Under the requirements of Title V Operating Permit 18-00005 and the reasonably available control technology provisions of 25 Pa. Code §§ 129.91—129.95, the nitrogen oxides emissions from Engine 3 shall not exceed an emission rate of 14.55 pounds per hour. Additionally, the emission of carbon monoxide and VOCs shall not exceed 8.38 and 4.0 pounds per hour, respectively.

2. Within 120 days of plan approval issuance, Engine 3 shall be stack tested for nitrogen oxides, carbon monoxide and VOCs using reference method test procedures acceptable to the Department while the engine is operating at full load and full speed.

3. Under the requirements of Title V Operating Permit 18-00005 and the reasonably available control technology provisions of 25 Pa. Code §§ 129.91—129.95, semi-annual nitrogen oxides portable analyzer testing shall be performed on Engine 3.

4. Under the recordkeeping requirements of 25 Pa. Code § 129.95, records shall be maintained of the number of hours per month Engine 3 is operated as well as the amount of fuel used each month in the engine.

5. Under the requirements of Title V Operating Permit 18-00005 and the reasonably available control technology provisions of 25 Pa. Code §§ 129.91—129.95, Engine 3 is not required to comply with the nitrogen oxides, carbon monoxide and VOC emission limits specified in this plan approval during engine startup and shutdown provided that the duration of startup and shutdown does not exceed one hour per occurrence.

*Northwest Region: Air Quality Program, 230 Chestnut Street, Meadville, PA 16335-3481, Devendra Verma, New Source Review Chief, (814) 332-6940.*

**24-131C: SGL Carbon, LLC** (900 Theresa Street, St. Marys, PA 15857) for installation of five cartridge collectors on Building 600 machining operations at their plant in St. Marys, **Elk County**. The facility currently has Title V Operating Permit No. 24-00131. This installation will result in no change in facility emissions. This plan approval will, in accordance with 25 Pa. Code § 127.450, be incorporated into the Title V operating permit through an administrative amendment at a later date.

**62-017E: United Refining Co.** (P. O. Box 780, 15 Bradley Street, Warren, PA 16365) for the refinery at Bradley and Dobson Streets in the City of Warren, **Warren County**. The facility was issued Title V Operating Permit 62-00017 on December 26, 2000. This plan approval will, in accordance with 25 Pa. Code § 127.450, be incorporated into the Title V operating permit through an administrative amendment at a later date. This permit will also be used to support the attainment demonstration for SO<sub>2</sub> emissions.

The permit contains limitations pertaining to plant-wide sulfur emissions. The sources burning refinery fuel will monitor the emissions of H<sub>2</sub>S and SO<sub>2</sub>, respectively. The continuous monitors (CEM) will be calibrated, maintained and operated by United in compliance with the Department's CEM Manual. The Plan Approval and Operating Permit will contain additional record keeping and operating restrictions designed to keep the facility operating within all applicable air quality requirements.

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**PUBLIC HEARINGS**


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*Southcentral Region: Air Quality Program, 909 Elmerton Avenue, Harrisburg, PA 17110, Ronald Davis, New Source Review Chief, (717) 705-4702.*

**Preliminary Determination to Issue Air Quality Plan Approval No. 01-05029 for Construction of a Turbine Electric Generating Facility; Public Hearing**

Notice is hereby given under 25 Pa. Code § 127.44 and 40 CFR 72.65, the Department of Environmental Protection (Department) is soliciting comments on the proposed Air Quality Plan Approval for Reliant Energy Hunterstown, LLC, 1001 Broad Street, P. O. Box 1050, Johnstown, PA 15907-1050 for the construction of three turbines with duct burners as described in the Permittee's August 30, 2000, Plan Approval Application and subsequent supplemental submissions. The proposed facility is to be constructed in Straban Township, Adams County, along Granite Station Road.

An appointment to review the pertinent documents at the Southcentral Regional Office may be scheduled by contacting Mary DiSanto at (717) 705-4732 between 8:30 a.m. and 3:30 p.m., Monday through Friday, except holidays.

The proposed project has a nominal output rating of 900 megawatts of electricity for sale to the local electrical distribution grid. The components of the facility are:

- a) Three natural gas fired combustion turbines (General Electric 7FB) nominally rated at 182 MW (gross) controlled by dry, low NO<sub>x</sub>, lean-burn combustion.
- b) Three supplementary-fired heat recovery steam generators, (HRSG).
- c) Three natural gas fired duct burners nominally rated at 279 mmBtu/hr, HHV each.
- d) Three selective catalytic reduction (SCR) systems for nitrogen oxides (NO<sub>x</sub>) control.
- e) One nominal 350 MW (at 53°F) steam turbine electric generator.
- f) One natural gas fired 50,000 lb/hr steam auxiliary boiler.
- g) One emergency diesel driven fire water pump.

The proposed turbines will exhaust through three single-flue 195-foot stacks with emissions monitoring systems for each turbine. The stack height meets the EPA good engineering practice (GEP) stack height requirements. A modeling analysis was conducted for NO<sub>x</sub>, CO, PM<sub>10</sub>, and SO<sub>2</sub>. The modeling used meteorological data from a site 15 miles east of the proposed Hunterstown facility and the EPA-approved ISCST model. Additional analyses were performed to assess the proposed facility's impact on soils, vegetation and the closest Class I Areas. The models indicate that none of the emissions from the proposed turbines will have a significant impact on the surrounding area.

In order to show compliance with the applicable standards, the Department has placed the following conditions in the Plan Approval:

*Conditions:*

- (1) The following table summarizes the potential emissions from maximum operation of the facility according to the application submittal and the Department's own analysis:

<i>Pollutant</i>	<i>Emission Rate Tons Per Year</i>
Nitrogen Oxides	340
Carbon Monoxide	699
Volatile Organic Compounds	80
Sulfur Dioxide	39
Particulate Matter (TSP/PM <sub>10</sub> )	256
Sulfuric Acid Mist	24

The emission will consume the following portion of the available Prevention of Significant Deterioration (PSD) air quality increments:

<i>Pollutant</i>	<i>Ambient Air Quality Impact, ug/m<sub>3</sub></i>	
Nitrogen Oxides	Annual Average	0.3
Sulfur Dioxide	3 Hour Average	2.2
Sulfur Dioxide	24 Hour Average	0.6
Sulfur Dioxide	Annual Average	0.03
Particulate Matter (PM <sub>10</sub> )	24 Hour Average	4.4
Particulate Matter (PM <sub>10</sub> )	Annual Average	0.2

(2) This plan approval is issued for the construction of a combined cycle turbine electric generating plant with a nominal output rating of 900 megawatts, and including the following major equipment:

- a) Three natural gas fired combustion turbines (General Electric 7FB) nominally rated at 182 MW (gross) controlled by dry, low NO<sub>x</sub>, lean-burn combustion.
- b) Three supplementary-fired heat recovery steam generators, (HRSG).
- c) Three natural gas fired duct burners nominally rated at 279 mmBtu/hr, HHV each.
- d) Three selective catalytic reduction (SCR) systems for nitrogen oxides (NO<sub>x</sub>) control.
- e) One nominal 350 MW (at 53°F) steam turbine electric generator.
- f) One natural gas fired 50,000 lb/hr steam auxiliary boiler.
- g) One emergency diesel driven fire water pump.

(3) This approval to construct shall become invalid if:

- a) Construction, as defined in 40 CFR 52.21(b)(8), has not commenced within 18 months of the issue date of this approval; or,
- b) Construction is discontinued for a period of 18 months or more.

(4) The combustion turbines are subject to Subpart GG of the Standards of Performance for New Stationary Sources, the HRSG duct burners are subject to NSPS Subpart Da and the auxiliary boiler is subject to NSPS Subpart Dc; the equipment shall comply with all applicable requirements of these subparts. 40 CFR 60.4 requires submission of copies of all requests, reports, application, submittals and other communications to both EPA and the Department. The EPA copies shall be forwarded to Director, Air Protection Division, United States EPA, Region III, 1650 Arch Street, Philadelphia, PA 19103-2029.

(5) The combustion turbine/HRSG units are subject to the Title IV Acid Rain Program of the Clean Air Act Amendments of 1990 and shall comply with all applicable provisions of that title, to include the following:

40 CFR Part 72	Permits Regulation
40 CFR Part 73	Sulfur Dioxide Allowance System



40 CFR Part 75 Continuous Emission Monitoring  
40 CFR Part 77 Excess Emissions

(6) The natural gas fired combined cycle units are subject to the NO<sub>x</sub> Budget Program established in 25 Pa. Code Chapter 145 and shall comply with all applicable requirements. If simple cycle test period operation occurs during the ozone season (May to September), the combustion turbine will be subject to Chapter 123 NO<sub>x</sub> Budget Program and shall comply with all applicable requirements.

*Emission Limits and Offset Requirements*

(7) Under the provisions of 25 Pa. Code Chapter 127, Subchapter E, New Source Review, the permittee shall secure Department-approved Emission Reduction Credits (ERCs) in the amount of 391 tons of nitrogen oxide (NO<sub>x</sub>) and 92 tons of volatile organic compounds (VOC) prior to the commencement of operation of the gas turbines.

(8) The permittee shall limit the facility emissions of NO<sub>x</sub> to 340 tons during any consecutive 12-month period.

(9) The permittee shall limit the facility emissions of volatile organic compounds (VOC) to 80 tons during any consecutive 12-month period.

(10) The permittee shall limit the facility emissions of carbon monoxide (CO) to 699 tons during any consecutive 12-month period.

(11) The permittee shall limit the facility emissions of Hazardous Air Pollutants (HAPs) to less than 10 tons for any single HAP or 25 tons total, based on a 12-month rolling total.

(12) The permittee shall limit the operation of the auxiliary boiler to no more than 2,080 hours, based on a 12-month rolling total.

(13) The permittee shall limit the total amount of natural gas combusted in the duct burners to 3,126 million cubic feet, or less, in a 12-month rolling average. The total operating hours of each duct burner shall not exceed 4,000 hours based on a 12-month rolling total.

(14) Under Lowest Achievable Emission Rate (LAER) provisions of 25 Pa. Code § 127.205, the permittee shall limit the emissions from each combustion turbine/HRSG unit to the following:

NO <sub>x</sub>	with duct Burner—3.5 ppmvd at 15% O <sub>2</sub> (1 hour average) without duct Burner—3.5 ppmvd at 15% O <sub>2</sub> (1 hour average)
VOC (as CH <sub>4</sub> )	with duct Burner—3.5 ppmvd at 15% O <sub>2</sub> without duct Burner—1.4 ppmvd at 15% O <sub>2</sub>

(15) Under Best Available Control Technology (BACT) provisions of 25 Pa. Code § 127.83, the permittee shall limit the emissions from each combustion turbine/HRSG unit to the following:

CO	with Duct Burner—14.0 ppmvd at 15% O <sub>2</sub> (1 hour average) without Duct Burner—10.0 ppmvd at 15% O <sub>2</sub> (1 hour average)
SO <sub>2</sub>	with Duct Burner—0.0015 pounds per million BTU, HHV without Duct Burner—0.0015 pounds per million BTU, HHV

CO	with Duct Burner—14.0 ppmvd at 15% O <sub>2</sub> (1 hour average) without Duct Burner—10.0 ppmvd at 15% O <sub>2</sub> (1 hour average)
TSP/PM <sub>10</sub>	with Duct Burner—0.0106 pounds per million BTU, HHV without Duct Burner—0.0098 pounds per million BTU, HHV
H <sub>2</sub> SO <sub>4</sub> Mist	with Duct Burner—0.0009 pounds per million BTU, HHV without Duct Burner—0.0009 pounds per million BTU, HHV

(16) Under the Best Available Technology (BAT) provision of 25 Pa. Code § 127.1, the permittee shall limit the emission of ammonia from each SCR to 10 ppmv, measure dry volume corrected to 15% oxygen under normal operation.

(17) The emission levels in Conditions 14 and 15 above apply at all times except during periods of start-up and shutdown (when the combustion turbine load is less than 60%) as defined as follows:

a) *Cold Start-up*: Refers to restarts made more than 72 hours after shutdown; cold start-up periods shall not exceed 5.5 hours per occurrence.

b) *Warm Start-up*: refers to start-up made 8 hours or more, but less than or equal to 72 hours after shutdown.

1. *Weekend Warm Start-up*: refers to start-ups made less than or equal to 56 hours after shutdown; weekend warm start-up periods shall not exceed 3.5 hours per occurrence

2. *Weeknight Warm Start-up*: refers to start-ups made 8 hours or less after an overnight shut down; weeknight warm start-up periods shall not exceed 2.2 hours per occurrence

c) *Hot Start-up*: Refers to restarts made less than 8 hours after shutdown; hot start-up periods shall not exceed 2.5 hours per occurrence.

d) *Shutdown*: commences with the termination of fuel injection into the combustion chambers

e) *Part-load utilization*: refers to steady-state turbine operation at loads of 60% up to 100% of full capacity.

(18) The operation of the source shall not result in visible or malodorous emissions, except for uncombined water.

*Testing*

(19) Exclusive of the simple cycle test period defined in Condition 39, within 60 days after achieving the maximum firing rate, but not later than 180 days after start-up, the permittee shall demonstrate compliance with each of the emission limits established in Conditions 14 and 15 above and opacity, as per 25 Pa. Code Chapter 139, 40 CFR Part 60 and Title IV. The applicant shall develop a testing protocol for HAP emissions and submit the protocol to the Department for review. The testing shall be conducted while the turbines are operating at or above 95% of full load for the ambient conditions at the time of the test.

(20) Exclusive of the simple cycle test period defined in Condition 39, within 60 days after achieving the maximum firing rate, but no later than 180 days after startup, the permittee shall demonstrate compliance with the VOC emission limit established in Condition 14 above, as per Pa. Code Chapter 139. The testing shall be done while

the turbines are operating in two load ranges: 60 to 85% of maximum load and 85 to 100% of maximum load.

(21) At least 60 days prior to the test, the company shall submit to the Department for approval, the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.

(22) At least 30 days prior to the test, the Regional Air Quality Program Manager shall be informed of the date and time of the test.

(23) Within 45 days after the source tests, three copies of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Program Manager for approval.

#### *Monitoring Requirements*

(24) Continuous emission monitoring system for nitrogen oxides (as NO<sub>2</sub>), CO and oxygen must be approved by the Department and installed, operated and maintained in accordance with the requirements of Chapter 139 of the Rules and Regulations of the Department. Proposals containing information as listed in the Phase I section of the Department's *Continuous Source Monitoring Manual* for the CEMS must be submitted at least 3 months prior to start-up of the turbines.

(25) The permittee shall submit a plan for monitoring the ammonia slip from each combustion turbine for approval by the Department. This submittal shall be made in conjunction with those for the continuous emission monitoring system.

(26) Phase I Department approval must be obtained for the monitors in Condition 24 above prior to initial startup of the source. Phase III Department approval must be obtained within 60 days of achieving the maximum production rate at which the source will be operated, but not later than 180 days after initial startup of the source. Department review time for the Phase III report (time between postmark of company's Phase III report and the postmark of the Department's response letter) will not be charged against the source in determining compliance with this condition. Information on obtaining Department approval is included in the Department's *Continuous Source Monitoring Manual*.

(27) The permittee shall install and maintain fuel flow meters that meet the requirements of 40 CFR Part 75. The fuel flow will be measured in accordance with Part 75, Appendix D requirements, in lieu of stack exhaust flow monitoring, to allow for calculation of pollutant mass emission rates.

(28) The permittee shall monitor the sulfur content of the fuel being fired in the gas turbines as per 40 CFR 60.334(b), unless the permittee receives approval from the United States EPA to use an alternative method as per 40 CFR 60.13.

(29) The permittee shall measure the following parameters for each SCR system:

- a) Catalyst bed inlet gas temperature
- b) Ammonia solution injection rate
- c) Ammonia solution concentration

#### *Recordkeeping and Reporting*

(30) The permittee shall record each cold start-up, warm start-up and hot start-up and shutdown as defined in Condition No. 17, including date and times of each event.

(31) The permittee shall, at the minimum, record the following:

- a) Monthly fuel consumption
- b) 12-month rolling total fuel consumption
- c) Monthly emissions of TSP/PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub>, CO and VOC. NO<sub>x</sub> and CO will be measured by CEM, SO<sub>2</sub> will be calculated based on fuel consumption and fuel sulfur content in accordance with Part 75 requirements, and TSP/PM-10 and VOC will be based on fuel consumption and emission factors determined during compliance stack testing. Start-up emissions will be calculated based on the recorded number of cold, warm and hot starts and the start-up emission rates provided in the Plan Approval application.
- d) 12 month rolling total of TSP/PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub>, CO and VOC
- e) Results of fuel sampling
- f) The measured SCR parameters

(32) All emissions shall be determined by the methods found in 40 CFR Part 60, the Plan Approval Application and supplemental materials and *Continuous Emission Monitoring Manual*.

(33) Records required under this Plan Approval and 40 CFR Part 60, shall be kept for a period of 5 years and shall be made available to the Department upon its request.

#### *Additional Requirements*

(34) The Department reserves the right to use the CEMS data, stack test results and the operating parameters determined during optimization of the turbines and their associated air cleaning devices to verify emission rates, to establish emission factors, and to develop compliance assurance measures in the operating permit.

(35) This Plan Approval authorizes temporary operation of the sources covered by this Plan Approval provided the following conditions are met:

(a) The Department must receive written notice from the permittee of the completion of construction and the Operator's intent to commence operation at least 5 working days prior to the completion of construction. The notice shall state when construction will be completed and when the Operator expects to commence operation.

(b) Operation is authorized only to facilitate the start-up and shakedown of sources and air cleaning devices, to permit operations pending the issuance of an Operating Permit or to permit the evaluation of the sources for compliance with all applicable regulations and requirements.

(c) This condition authorizes temporary operation of the sources for a period of 180 days from the date of commencement of operation, provided the Department receives notice from the permittee under subpart (a).

(d) The permittee may request an extension if compliance with all applicable regulations and Plan Approval requirements has not been established. The extension request shall be submitted in writing at least 15 days prior to the end of this period of temporary operation and shall provide a description of the compliance status of the source, a detailed schedule for establishing compliance and the reasons compliance has not been established.

(e) The notice submitted by the permittee under subpart (a), prior to the expiration of this Plan Approval shall modify the Plan Approval expiration date. The new

Plan Approval expiration date shall be 180 days from the date of commencement of operation.

(36) The manufacturer's identification and technical specifications for all air pollution control equipment shall be submitted to the Regional Air Quality Program Manager within 30 days after the execution of the final sales agreements.

(37) As a part of the initial compliance demonstration testing of the combined cycle units, the permittee shall submit data to demonstrate compliance with the CO limits in condition 15. At the request of the permittee and provided sufficient justification is given, the Department may grant an extension of the demonstration period in order to allow for tuning of the combined cycle units operation and collection of additional CO emissions data using CEM. In the event that the CO emissions do not comply with condition 15 within 180 days after start-up or any approved extension, the permittee shall install an oxidation catalyst. The Department shall specifically notify the permittee that the catalyst is required. The permittee shall submit a compliance plan to the Department for approval within 60 days of the foregoing notification. This condition does not establish a compliance schedule for installation of the oxidation catalyst or for verification of compliance with Condition 15 after the oxidation catalyst has been installed.

(38) For the GE 7FB prototype, Combustion Turbine Serial Number 001, up to 250 hours of operation in the simple cycle mode (without HRSG) shall be allowed for the purpose of performance testing only. This operation is being approved so that the turbine manufacturer can generate emission data in the simple cycle mode on the first GE 7FB constructed. This operation will occur before the company has completed the construction of the HRSG, for a time period not to exceed 6 months. The requirements of conditions 14—16 shall not apply during this simple cycle testing period.

(39) At least 180 days prior to beginning simple cycle test operation, the applicant will prepare and submit a testing protocol to the Department and the USEPA Region III for review and approval. The protocol should identify, to the best extent possible, the breakdown of testing hours to occur in the ozone and non-ozone seasons. The simple cycle protocol should address, at a minimum, how the following parameters will be calculated and/or measured and the frequency of same for:

- the heating value and sulfur content of the pipeline natural gas
- nitrogen oxides
- carbon monoxide
- oxygen
- total unburned hydrocarbons
- volatile organic compounds
- electrical power generated (in megawatts)
- fuel flow/consumption

At least 2 weeks prior to the start of simple cycle testing, the applicant shall inform the Department and USEPA Region III of the date and time of testing start-up.

Within 90 days of completion of the simple cycle testing effort the applicant shall provide to the Department and USEPA Region III an updated table from that in the plan approval application section 9 that summarizes emissions by testing load.

## MINING ACTIVITY APPLICATIONS

Applications under the Surface Mining Conservation and Reclamation Act (52 P. S. §§ 1396.1—1396.19a); the Noncoal Surface Mining Conservation and Reclamation Act (52 P. S. §§ 3301—3326); The Clean Streams Law (35 P. S. §§ 691.1—691.1001); the Coal Refuse Disposal Control Act (52 P. S. §§ 30.51—30.66); The Bituminous Mine Subsidence and Land Conservation Act (52 P. S. §§ 1406.1—1406.21). Mining activity permits issued in response to such applications will also address the applicable permitting requirements of the following statutes: the Air Pollution Control Act (35 P. S. §§ 4001—4015); the Dam Safety and Encroachments Act (32 P. S. §§ 693.1—693.27); and the Solid Waste Management Act (35 P. S. §§ 6018.101—6018.1003).

The following permit applications to conduct mining activities have been received by the Department of Environmental Protection (Department). A copy of the application is available for inspection at the District Mining Office indicated above each application. Where a 401 Water Quality Certification is needed for any aspect of a particular proposed mining activity, the submittal of the permit application will serve as the request for such certification.

Written comments, objections or requests for informal conferences on applications, may be submitted by any person or any officer or head of any Federal, State or local government agency or authority to the Department at the same address within 30 days of this publication, or within 30 days after the last publication of the applicant's newspaper advertisement, as provided by 25 Pa. Code §§ 77.121—77.123 and 86.31—86.34 (relating to public notices of filing of permit applications, opportunity for comment; and informal conferences).

Where any of the mining activities listed will have discharges of wastewater to streams, the Department will incorporate NPDES permits into the mining activity permits issued in response to these applications. Such NPDES permits will contain, at a minimum, technology-based effluent limitations (as described in the Department's regulations—25 Pa. Code §§ 77.522, 87.102, 88.92, 88.187, 88.242, 89.52 and 90.102) for iron, manganese, suspended solids, settleable solids, alkalinity and pH. In addition to the above, more restrictive effluent limitations, restrictions on discharge volume, or restrictions on the extent of mining which may occur will be incorporated into a mining activity permit, when necessary, for compliance with water quality standards (in accordance with 25 Pa. Code Chapters 93 and 95). Persons or agencies which have requested review of the NPDES permit requirements for a particular mining activity within the above-mentioned public comment period will be provided with a 30-day period to review and submit comments on those requirements.

Written comments or objections should contain the name, address and telephone number of persons submitting comments or objections; application number; and a statement of sufficient detail to inform the Department on the basis of comment or objection and relevant facts upon which it is based. Requests for an informal conference must contain the name, address and telephone number of requestor; application number; a brief summary of the issues to be raised by the requestor at the conference; and a statement whether the requestor desires to have the conference conducted in the locality of the proposed mining activities.

*Coal Applications Received*

*Pottsville District Mining Office: 5 West Laurel Boulevard, Pottsville, PA 17901-2454.*

**40900203R2. Northampton Fuel Supply Co., Inc.** (7500 Old Georgetown Road, 13th Floor, Bethesda, MD 20814-6161), renewal of an existing coal refuse reprocessing operation in Newport Township, **Luzerne County** affecting 49.5 acres, receiving stream—none. Application received April 2, 2001.

*Hawk Run District Mining Office: Empire Road, P. O. Box 209, Hawk Run, PA 16840-0209.*

**17980121. R. J. Coal Company** (P. O. Box 277, LaJose, PA 15753), transfer of an existing Surface Mine Permit Application from BBC Coal Company. The permit site is located in Bloom Township, **Clearfield County** and affects 87.6 acres. Receiving stream—Bilgers Run and Hughey Run. Application received March 19, 2001.

*Greensburg District Mining Office: Armbrust Building, R.R. 2 Box 603-C, Greensburg, PA 15601-0982.*

**26-01-01. Carbon Fuels Resources, Inc.** (200 College Dr., Suite 300, Lemont Furnace, PA 15456). Received a Government Financed Construction Contract to clean up a coal refuse pile located in German Township, **Fayette County** affecting 18 acres. Receiving stream: North Branch of Brown's Run. GFCC application received April 2, 2001.

*Cambria District Mining Office: 286 Industrial Park Road, Ebensburg, PA 15931.*

**56823123.** Permit Revision, **Croner, Inc.** (P. O. Box 260, Friedens, PA 15541), to include augering and to conduct surface mining activities within 100' of the right-of-way of two public roads.

The proposed road variances are as follows:

(1) State Route 2018: Beginning on SR 2018 at its intersection with SR 2027 and continuing northward, on both sides of SR 2018, for a distance of approximately 2,855 feet to Township Road T-616. Continuing northward on SR 2018, west side only, for a distance of approximately 170 feet to the boundary of this surface mine permit.

(2) State Route 2027: Beginning on SR 2027 approximately 435 feet south of its intersection with Township Road T-415 at the boundary of this surface mine permit and continuing northward, west side only, for a distance of approximately 840 feet to the intersection of SR 2018. Continuing northeast on SR 2027, west side only, for a distance of approximately 4,540 feet to the boundary of this surface mine permit in Brothersvalley Township, Somerset County, affecting 220.0 acres; receiving streams: an unnamed tributary to Buffalo Creek; and an unnamed tributary to Swamp Creek. Application received April 3, 2001.

*McMurray District Mining Office: 3913 Washington Road, McMurray, PA 15317.*

**63723707. Maple Creek Mining, Inc.** (981 Route 917, Bentleyville, PA 15314), to revise the permit for the Ginger Hill Refuse Area II, Slurry Pond 3 in Carroll, Fallowfield and Nottingham Townships, **Washington County** to revise Ginger Hill Refuse Area II Permit that includes deleting and adding acreage (total acreage will be 254.0) and raising the existing main valley Dam #1 and constructing a new Dam #3, no additional discharges. Application received November 22, 2000.

**33961302. Laurel Energy, L.P.** (One Energy Place, Suite 7500, Latrobe, PA 15650), to revise the permit for the Sandy Lands Mine in McCalmont Township, **Jefferson County** to revise the permit to add an approximate 2 acre mine rock storage area within the existing permit area, no additional discharges. Application received December 21, 2000.

**30841309. Dunkard Mining Co.** (P. O. Box 8, Dilliner, PA 15321), to renew the permit for the Dunkard Mine No. 2 in Dunkard Township, **Greene County** to renew permit, no additional discharges. Application received February 20, 2001.

**30940701. Dunkard Mining Co.** (P. O. Box 8, Dilliner, PA 15321), to renew the permit for the Dunkard CRDA No. 4 in Monongahela Township, **Greene County** to renew permit, no additional discharges. Application received February 20, 2001.

**03901302. TJS Mining, Inc.,** (R. D. 2, Box 260D, Shelocta, PA 15774), to revise the permit for the Darmac #3 deep mine in Washington Township, **Indiana County** to add 109 underground acres to the underground permit area along with 109 acres to the subsidence control plan boundary, no additional discharges. Application received February 22, 2001.

**32961302. Senate Coal Mines, Inc.** (One Energy Place, Suite 5100, Latrobe, PA 15650), to revise the permit for the Ondo Mine in Brush Valley Township, **Indiana County** to revise the existing permit to add 25.2 acres of surface acreage and an additional 1130 acres of underground area, Ferrier Run. Application received February 26, 2001.

**56841605. Croner, Inc.** (P. O. Box 260, Friedens, PA 15541), to renew the permit for the Goodtown Prep Plant in Brothersvalley Township, **Somerset County** to renew permit, no additional discharges. Application received March 12, 2001.

**30841307. RAG Emerald Resources, L.P.** (P. O. Box 1020, 158 Portal Rd., Waynesburg, PA 15370), to revise the permit for the Emerald Mine in Franklin and Whiteley Townships, **Greene County** to add 7 acres surface for 33 boreholes, no additional discharges. Application received March 28, 2001.

*Knox District Mining Office: White Memorial Building, P. O. Box 669, Knox, PA 16232-0669.*

**10940101. Blackridge Associates, Inc.** (R. R. 6, Box 279J, Kittanning, PA 16201). Renewal of an existing bituminous surface strip, auger and tippie refuse disposal in Clay and Concord Townships, **Butler County** affecting 263.2 acres. Receiving stream: unnamed tributary to South Branch Slippery Rock Creek. Application received April 2, 2001.

**10930105. Rosebud Mining Company** (R. D. 9, Box 379A, Kittanning, PA 16201). Renewal of an existing bituminous surface strip and auger operation in Bruin Borough and Parker Township, **Butler County** affecting 289.4 acres. Receiving streams: Bear Creek. Application for reclamation only. Application received April 4, 2001.

**33910106. Terry Coal Sales, Inc.** (Box 58, Distant, PA 16223). Renewal of an existing bituminous surface strip and auger operation in Perry Township, **Jefferson County** affecting 195.0 acres. Receiving streams: two unnamed tributaries to Foundry Run. Application for reclamation only. Application received April 5, 2001.

**33850123. Waroquier Coal Company** (P. O. Box 128, Clearfield, PA 16830). Renewal of an existing bituminous

surface strip operation in Washington Township, **Jefferson County** affecting 203.2 acres. Receiving streams: unnamed tributary to Mill Creek and unnamed tributary to Rattlesnake Run. Application received April 5, 2001.

*Coal Applications Returned*

*Knox District Mining Office: White Memorial Building, P. O. Box 669, Knox, PA 16232-0669.*

**37840101. Kerry Coal Company** (R. R. 2, Box 2139, Wampum, PA 16157) Renewal of an existing bituminous strip, auger and tippel refuse disposal operation in Little Beaver and Darlington Townships, **Lawrence and Butler Counties** affecting 655.6 acres. Receiving streams: six unnamed tributaries to the North Fork of Little Beaver Creek. Application received: March 6, 2001. Application returned: April 2, 2001.

**24970104. TDK Coal Sales, Incorporated** (P. O. Box 259, Brockway, PA 15824). Revision to an existing bituminous strip and auger operation to add 31.0 acres in Jay Township, **Elk County**. Total SMP acres will be 325.5 acres. Receiving stream: Wolf Lick Run to Spring Run. Application received: February 8, 2001. Application returned: April 5, 2001.

**1550-24970104-E-2. TDK Coal Sales, Incorporated** (P. O. Box 259, Brockway, PA 15824) Application for a stream encroachment for a stream crossing of Spring Run and unnamed tributary A to Spring Run in Jay Township, **Elk County**. Receiving streams: Wolf Lick Run to Spring Run. Application received: February 8, 2001. Application returned: April 5, 2001.

**Projects Under the Environmental Good Samaritan Act**

The Environmental Good Samaritan Act (27 Pa.C.S. §§ 8001—8114) provides certain protections and immunities from civil liability for landowners and persons who voluntarily undertake reclamation and abatement projects to address land and water adversely affected by mining or oil or gas extraction or exploration for natural resources and left in an unreclaimed condition or left discharging water pollution. In order for landowners and persons to qualify for immunity, the projects must be approved by the Department.

The following project proposals have been received by the Department. A copy of the proposals is available for inspection at the office indicated before each proposal.

Written comments or objections may be submitted by any person or any office or head of any Federal, State, or local government agency or authority to the Department at the same address within 30 days of this publication.

Written comments or objections should contain the name, address and telephone number of the person submitting comments or objections; the proposal identification number; and a statement of sufficient detail to inform the Department of the basis of the comment or objection and the relevant facts upon which it is based.

*Project Proposals Received*

*Greensburg District Mining Office: Armbrust Building, R.R. 2 Box 603-C, Greensburg, PA 15601-0982.*

**EGS26002. Mountain Watershed Association** (P. O. Box 408, Melcroft, PA 15462). Received an Environmental Good Samaritan application for the purpose of passive treatment of the abandoned mine discharge from the Gallentine Mine Drainage Remediation site located in Springhill Township, **Fayette County** affecting 10 acres. Receiving stream: Indian Creek Watershed. Environmental Good Samaritan application received: March 23, 2001.

**EGS63001. Washington County Conservation District** (602 Courthouse Square, 100 West Beau Street, Washington, PA 15301-4402). Proposal application received for an Environmental Good Samaritan project to provide additional treatment of the Langeloth borehole discharge in Smith Township, **Washington County**, affecting 5.0 acres. Receiving stream: tributary to Burgetts Fork. Project proposal received: January 23, 2001.

*Noncoal Applications Received*

*Pottsville District Mining Office: 5 West Laurel Boulevard, Pottsville, PA 17901-2454.*

**7775SM12C2. Highway Materials, Inc.** (1750 Walton Road, P. O. Box 1650, Blue Bell, PA 19422-0465), correction to an existing quarry operation in Alsace Township, **Berks County** affecting 117.2 acres, receiving stream—unnamed tributary to Bernhart Creek. Application received April 4, 2001.

*Hawk Run District Mining Office: Empire Road, P. O. Box 209, Hawk Run, PA 16840-0209.*

**14900301. Glenn O. Hawbaker, Inc.** (325 West Aaron Drive, State College, PA 16804), renewal of an existing Large Industrial Mineral NPDES permit located in Spring Township, **Centre County** currently affecting 282.1 acres. Receiving stream—Logan Branch to Spring Creek to Bald Eagle Creek to the Susquehanna River. Application received March 23, 2001.

**FEDERAL WATER POLLUTION CONTROL ACT,  
SECTION 401**

The following permit applications and requests for Environmental Assessment approval and requests for Water Quality Certification have been received by the Department of Environmental Protection. Section 401 of the Federal Water Pollution Control Act (FWPCA) (33 U.S.C.A. § 1341(a)), requires the State to certify that the involved projects will not violate the applicable provisions of sections 301—303, 306 and 307 of the FWPCA (33 U.S.C.A. §§ 1311—1313, 1316 and 1317) as well as relevant State requirements. Initial requests for 401 Water Quality Certification will be published concurrently with the permit application. Persons objecting to approval of a request for certification under Section 401 or to the issuance of a Dam Permit or Water Obstruction and Encroachment Permit, or the approval of an Environmental Assessment must submit any comments, suggestions or objections within 30 days of the date of this notice as well as any questions to the office noted above the application. Comments should contain the name, address and telephone number of the person commenting, identification of the certification request to which the comments or objections are addressed, and a concise statement of comments, objections or suggestions including the relevant facts upon which they are based.

The Department may conduct a fact-finding hearing or an informal conference in response to comments if deemed necessary. Each individual will be notified, in writing, of the time and place of a scheduled hearing or conference concerning the certification request to which the comment, objection or suggestion relates. Maps, drawings and other data pertinent to the certification request are available for inspection between the hours of 8 a.m. and 4 p.m. on each working day at the office noted above the application.

Persons with a disability who wish to attend the hearing and require an auxiliary aid, service or other accommodation to participate in the proceedings, should

contact the specified program. TDD users may contact the Department through the Pennsylvania AT&T Relay Service at (800) 654-5984.

**Applications Received under the Dam Safety and Encroachments Act (32 P. S. §§ 693.1—693.27) and section 302 of the Flood Plain Management Act (32 P. S. § 679.302) and Requests for Certification under Section 401 of the Federal Water Pollution Control Act (33 U.S.C.A. § 1341(a)).**

**WATER OBSTRUCTIONS AND ENCROACHMENTS**

*Northeast Region: Water Management Program Manager, 2 Public Square, Wilkes-Barre, PA 18711-0790.*

**E45-408. Bekir Aksoy, President, Golden Generation Students Association**, 1857 Mount Eaton Road, Saylorsburg, PA 18353 in Ross Township, **Monroe County**, U.S. Army Corps of Engineers Philadelphia District.

To construct and maintain two foot bridges, each having a single span of approximately 20 feet and underclearance of 2.5 feet across Ross Common Creek (HQ-CWF) and to repair and maintain existing stone masonry walls along each streambank. The project is located at Camp Chesnut, approximately 0.3 mile southwest of the intersection of S.R. 3015 and S.R. 3017 (Windgap, PA Quadrangle N: 21.7 inches; W: 10.0 inches).

*Southcentral Region: Water Management Program Manager, 909 Elmerton Avenue, Harrisburg, PA 17110.*

**E01-222. Richard Mullin**, 75 Fleshman Mill Road, New Oxford, PA 17350 in Mount Pleasant Township, **Adams County**, ACOE Baltimore District.

To construct and maintain a 22-foot by 42-foot garage attached to the east side of Fleshman's Mill, with a 12-foot wide deck around two sides of the mill. A 30-foot by 20-foot open sided recreation pavilion set on a concrete slab. To rebuild the demolished 26-foot by 28-foot caretaker house and a 40-foot by 80-foot storage shed located within the floodway of the South Branch Conewago Creek (WWF). The purpose of the project is to restore Fleshman's Mill and outbuildings to original 1747 circa conditions. The site is located on the north side of Fleshman's Mill Road (McSherrystown, PA Quadrangle N: 22.3 inches; W: 9.3 inches).

**E05-291. Richard Wright, Heritage Cove RV & Campground**, 999 Hayman Place, Los Altos, CA 94024 in Liberty and Hopewell Townships, **Bedford and Huntingdon Counties** respectively, ACOE Baltimore District.

To construct and maintain a concrete boat launch with 8 feet by 50 feet floating walk and two 56-foot by 100-foot boat docks in the Raystown Branch of the Juniata River (TSF) located 0.75 mile upstream from the Raystown Dam (Saxton, PA Quadrangle N: 19.5 inches; W: 15.5 inches).

**E22-425. Edward Fisher**, Wayne Township, P. O. Box E, Halifax, PA 17032 in Wayne Township, **Dauphin County**, ACOE Baltimore District.

To replace a failed 26.0-foot wide single span bridge by constructing and maintaining a twin cell reinforced concrete box culvert having clear spans of 18.0 feet and an underclearances of 8.0 feet to be located about 25 feet downstream of the existing bridge located on Union Church Road (T-536) about 0.2 mile south of Union Church Cemetery (Enders, PA Quadrangle N: 16.25 inches; W: 8.70 inches).

**E31-169. Elmer Martin, Stony Creek Holdings**, 940 Log Cabin Road, Leola, PA 17540, in Shirley Township, **Huntingdon County**, ACOE Baltimore District.

To construct and maintain a bridge having a span of 36 feet and an underclearance of 9 feet across the channel of Blacklog Creek (HQ-CWF) at a point approximately 17,000 feet upstream of the Cromwell/Shirley Township boundary line (Aughwick, PA Quadrangle N: 12.75 inches; W: 5.38 inches).

**E36-704. Larry Bekeja, Elizabethtown College**, One Alpha Drive, Elizabethtown, PA 17022 in Mt. Joy Township, **Lancaster County**, ACOE Baltimore District.

To enlarge and maintain the impounding lake of Lake Placida Dam and provide revetment on an unnamed tributary to Coney Creek located in Elizabethtown College Campus (Elizabethtown, PA Quadrangle N: 4.95 inches; W: 12.6 inches).

**E50-202. Mark Burkhead, PennDOT 8-0**, 2140 Herr Street, Harrisburg, PA 17103 in Wheatfield Township, **Perry County**, ACOE Baltimore District

To remove an existing 54-inch diameter, 41-foot long corrugated metal culvert and to construct and maintain a reinforced concrete box culvert having a clear span of 5.0 feet and an underclearance of 6.0 feet, a length of 72.0 feet in an unnamed tributary to Little Juniata Creek (CWF) and to relocate about +/120 linear feet of stream channel by constructing about 100 linear of new channel upstream of the culvert and about 70 linear feet of new channel downstream of the culvert located on SR 2005, Segment 0020, Offset 1279 (Duncannon, PA Quadrangle N: 7.0 inches; W: 14.1 inches).

*Northcentral Region: Water Management Program Manager, 208 West Third Street, Williamsport, PA 17701, (570) 327-3636.*

**E19-211. James Kendter, PA Department of Transportation**, 715 Jordan Avenue, Montoursville, PA 17754. Bridge replacement SR 2003, Section 001, in Roaring Creek Township, **Columbia County**, ACOE Baltimore District (Shumans, PA Quadrangle N: 1.75 inches; W: 12.38 inches).

To remove the existing precast reinforced concrete slab bridge having a span of 18 feet, a design underclearance of 5 feet, on a 90° skew, a design underclearance of 3.4 feet and a curb-to-curb width of 18.2 feet; and to construct and maintain a precast reinforced concrete box culvert on a 90° skew with a clear span of 20 feet, a clear height of 6 feet, depressed 1 foot below the streambed with a waterway opening of 100 square feet in an unnamed tributary to Roaring Creek on SR 2003 approximately 300 feet northwest of the intersection of SR 2003 with SR 2012 in Roaring Creek Township, Columbia County. The project will not impact wetlands while impacting approximately 60 feet of waterway. Roaring Creek is a High Quality Cold Water fisheries stream.

**E19-212. George R. Fenimore**, 828 Green Creek Road, Benton, PA 17814. Fenimore Crossing, in Jackson Township, **Columbia County**, ACOE Baltimore District (Benton, PA Quadrangle N: 15.7 inches; W: .8 inch).

To operate and maintain two 5-foot diameter culvert pipes with a length of 75 feet in Green Creek. This crossing is for a single residence and is solely for access to the home and remaining land. The culvert was installed without a permit and the permit action is restitution for the violation of Chapter 105 Regulations. The project impacted 100 linear feet of stream and did not impact any wetlands.

**E55-178. Jeffery and April Goss**, R. R. 2, Box 258 G, Selinsgrove, PA 17870. Goss Property, in Shamokin Dam Borough, **Snyder County**, ACOE Baltimore District (Sunbury, PA Quadrangle N: 22 inches; W: 9.6 inches).

To construct, operate and maintain an 18 foot diameter above ground swimming pool, 60 lineal feet of dike embankment, one wooden foot bridge measuring 3 feet by 45 feet, one wooden vehicular bridge measuring 7 feet by 15 feet, 10 tons of miscellaneous fill and 200 lineal feet of riprap stream bank protection on an unnamed tributary to the West Branch of the Susquehanna River. This project is located .75 mile north on SR 15 from the intersection with SR 11 (Sunbury, PA Quadrangle, N: 22 inch, W: 9.6 inches) in Shamokin Dam Borough, Snyder County. This permit was issued under section 105.13(e), Small Projects.

*Southwest Region: Water Management Program Manager, 400 Waterfront Drive, Pittsburgh, PA 15222-4745.*

**E65-774. Sewickley Township**, 361 Mars Hill Road, Irwin, PA 15642-9606. Sewickley Township, **Westmoreland County**, ACOE Pittsburgh District.

To remove the existing structure and to construct and maintain a concrete arch bridge system having a normal span of 47.8 feet and an underclearance of 13.9 feet across Little Sewickley Creek (TSF) located on Limerick Hill Road (T-370) (Irwin, PA Quadrangle N: 2.91 inches; W: 12.03 inches).

*Northwest Region: Water Management Program Manager, 230 Chestnut Street, Meadville, PA 16335-3481.*

**E10-331, John and Carol Reubi**, 1146 West Lancaster Road, Harmony, PA 16037. Reubi Stream Crossing, in Lancaster Township, **Butler County**, ACOE Pittsburgh District (Evans City, PA Quadrangle N: 20.5 inches; W: 13.5 inches).

To construct a single span bridge across Yellow Creek (WWF) with a 31-foot span and 5.5-feet high opening to provide private residential access, located 1.3 miles north of East Lancaster Road on the west of Yellow Creek Road.

**E10-333, Butler County**, P. O. Box 1208, Butler, PA 16003-1208. Clay Avenue Across Breakneck Creek, in Mars Borough, **Butler County**, ACOE Pittsburgh District (Mars, PA Quadrangle N: 12.7 inches; W: 1.2 inches).

To remove the existing bridge (County No. 133) and to construct and maintain a CON/SPAN precast concrete arch having a span of 28 feet and a rise of 10 feet across Breakneck Creek on Clay Avenue approximately 400 feet north of Brickyard Road.

**E20-498, PA Department of Transportation, District 1-0**, 255 Elm Street, P. O. Box 398, Oil City, PA 16301. S.R. 886, South Main Street Across Tributary to French Creek, in Cambridge Springs Borough, **Crawford County**, ACOE Pittsburgh District (Cambridge Springs, PA Quadrangle N: 9.4 inches; W: 8.35 inches).

To remove the existing bridge and to install and maintain a 60-foot long concrete box culvert having a 12-foot wide by 7-foot high waterway opening in a tributary to French Creek on S.R. 0886, Segment 0230, Offset 0661 approximately 1,600 feet south of S.R. 408.

**E42-277, Keating Township**, P. O. Box 103, East Smethport, PA 16730. Bordell Crossroad (T-350) Bridge Repair, in Keating Township, **McKean County**, ACOE Pittsburgh District (Smethport, PA Quadrangle N: 4.25 inches; W: 4.06 inches).

To remove the existing structural beams and to construct new footers approximately 6-feet behind the existing headwalls of the bridge and new beams between the footers on the 47-foot single span riveted steel pony truss Bordell Crossroad Bridge over Cole Creek (CWF) to return it to a usable condition, located approximately 1 mile southwest of Farmers Valley, 1/4 mile south of Route 46 North on T-350.

**E43-293, Tri-County Industries, Inc.**, 159 TCI Park Drive, Grove City, PA 16127. Tri-County Landfill, Inc., Tri-County Municipal Waste Landfill Expansion, in Pine and Liberty Townships, **Mercer County**, ACOE Pittsburgh District (Mercer, PA Quadrangle N: 4.0 inches; W: 1.5 inches).

To fill a total of 2.15 acres of wetland and construct 2.15 acres of replacement wetlands associated with the upgrade of a municipal waste landfill located south of S.R. 208 approximately 1 mile east of I-79. This permit application is an update of the January 16, 1995, application resulting in less wetland impacts.

**E61-243, Parks Unlimited, Inc.**, R. D. 5, Box 320, Franklin, PA 16323-9402. Watershed Rehabilitation for Upper Two Mile Run and Justus Lake, in City of Franklin, **Venango County**, ACOE Pittsburgh District (Franklin, PA Quadrangle N: 19.6 inches; W: 3.1 inches).

To conduct the following activities associated with providing improvements to a hiking trail to enhance environmental education opportunities at Two Mile Run County Park located 1.7 miles southwest from the intersection of S.R. 428 and Cherrytree Road.

1) Construction and maintenance of a 1,040 square-foot floating wooden observation pier in the dam-impounded Justus Lake.

2) Removal of a deteriorated 35-foot by 5-foot wooden pedestrian bridge over Two Mile Run (CWF).

3) Construction and maintenance of a 50-foot by 6-foot wooden pedestrian bridge with a 3.5-foot underclearance over Two Mile Run (CWF) on the alignment of the existing bridge.

#### ENVIRONMENTAL ASSESSMENTS

*Central Office: Bureau of Waterways Engineering, Rachel Carson State Office Building, Floor 3, 400 Market Street, Harrisburg, PA 17105.*

**D13-005EA. Borough of Lehighton**, P. O. Box 29, Lehighton, PA 18235. Lehighton Borough, **Carbon County**, ACOE Philadelphia District.

To breach and remove the Heilman Dam across Mahoning Creek (CWF) for the purpose of restoring the stream to a free flowing condition. The dam is located approximately 1,000 feet upstream from the confluence of Mahoning Creek and the Lehigh River (Lehighton, PA Quadrangle N: 13.5 inches; W: 11.1 inches).

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## ACTIONS

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### FINAL ACTIONS TAKEN UNDER THE PENNSYLVANIA CLEAN STREAMS LAW AND THE FEDERAL CLEAN WATER ACT

#### NPDES AND WQM PART II PERMITS INDUSTRIAL WASTE AND SEWERAGE WASTEWATER

The Department of Environmental Protection (Department) has taken the following actions on previously received permit applications and requests for plan approval.



Persons aggrieved by this action may appeal, under Section 4 of the Environmental Hearing Board Act (35 P. S. § 7514) and 2 Pa.C.S. §§ 501—508 and 701—704 (relating to the Administrative Agency Law), to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, P. O. Box 8457, Harrisburg, PA 17105-8457, (717) 787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, (800) 654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in Braille or on audiotape from the Secretary of the Board at (717) 787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

**Actions under The Clean Streams Law (35 P. S. §§ 691.1—691.1001).**

*Southeast Region: Water Management Program Manager, Lee Park, Suite 6010, 555 North Lane, Conshohocken, PA 19428.*

**NPDES Permit No. PA0058173.** Sewage. **Armand Ruocco**, 480 Main Street, Collegeville, PA 19426 is authorized to discharge from a facility located at Lot #2 in Upper Frederick Township, **Montgomery County** into receiving waters named Scioto Creek—Perkiomen Watershed.

**NPDES Permit No. PA0058289.** Sewage. **Pennridge School District**, 1506 North Fifth Street, Perkasie, PA 18944-2295. Is authorized to discharge from a facility located at M.M. Seylar Elementary School in Hilltown Township, **Bucks County** into an UNT of Pleasant Spring Creek-3E Watershed.

**WQM Permit No. 4600425.** Sewage. **Armand Ruocco**, 480 Main Street, Collegeville, PA 19426. Applicant is granted approval for the construction and operation of a single residential STP to serve Lot No. 2 of Rose Meadows Subdivision located in Upper Frederick Township, **Montgomery County**.

**WQM Permit No. 4600426.** Sewage. **Armand Ruocco**, 480 Main Street, Collegeville, PA 19426. Applicant is granted approval for the construction and operation of a single residential STP to serve Lot No. 3 of Rose Meadows Subdivision located in Upper Frederick Township, **Montgomery County**.

*Northeast Region: Water Management Program Manager, 2 Public Square, Wilkes-Barre, PA 18711-0790.*

**NPDES Permit No. PA-0029483,** Sewage, **Buck Hill Falls Company**, P. O. Box 426, Buck Hill Falls, PA 18323-0426.

This proposed facility is located in Barrett Township, **Monroe County**.

Description of Proposed Action/Activity: Treated Sewage discharge to Buck Hill Creek.

**NPDES Permit No. PA-0021547-A1,** Sewerage, **Orwigsburg Borough Municipal Authority**, 209 North Warren Street, Orwigsburg, PA 17961-0128.

This proposed facility is located in North Manheim Township, **Schuylkill County**.

Description of Proposed Action/Activity: to treated sewage discharge Mahannon Creek.

*Southcentral Region: Water Management Program Manager, 909 Elmerton Avenue, Harrisburg, PA 17110, (717) 705-4707.*

**NPDES Permit No. PA0087271,** Industrial Waste, **East Petersburg Borough, Koser Road Spring Facility**, 6040 Main Street, East Petersburg, PA 17520.

This proposed facility is located in Manheim Township, **Lancaster County**.

Description of Proposed Action/Activity: Authorization to discharge to UNT Little Conestoga Creek in Watershed 7J (Conestoga River).

**NPDES Permit No. 0690413, Amendment 01-1,** Sewage, **Randy Reitenauer**, 243 Amity Park Road, Douglassville, PA 19518.

This proposed facility is located in Amity Township, **Berks County**.

Description of Proposed Action/Activity: Construction/Operation of Sewage Treatment Facilities and Land Application Facilities.

**NPDES Permit No. 0694421, Transfer 1,** Sewage, **James W. and Sandra M. Adams**, 840 N. 8th Street, Reading, PA 19604.

This proposed facility is located in Albany Township, **Berks County**.

Description of Proposed Action/Activity: Permit Amendment for construction/operation of Hawk Mountain STP.

**NPDES Permit No. 0500411,** Sewage, **Heritage Estates Section 3 Homeowners' Association, Inc.**, 946 Orchard Road, Willow Street, PA 17584.

This proposed facility is located in Juniata Township, **Bedford County**.

Description of Proposed Action/Activity: Construction/Operation of Sewage Treatment Facilities and Sewers & Appurtenances.

**NPDES Permit No. PA0086169,** Sewage, **James W. and Sandra M. Adams**, 840 N. 8th Street, Reading, PA 19604.

This proposed facility is located in Albany Township, **Berks County**.

Description of Proposed Action/Activity: Authorization to discharge from Hawk Mountain STP to Pine Creek in Watershed 3B (Maiden Creek) (transfer).

**NPDES Permit No. PA0026549,** Sewage, **City of Reading**, 815 Washington Street, Reading, PA 19601-3690.

This proposed facility is located in Reading City, **Berks County**.

Description of Proposed Action/Activity: Authorization to discharge to Schuylkill River in Watershed 3C (Tulpehocken Creek).

**WQM Permit No. PA0088641,** Industrial Waste, **Heritage Estates Section 3 Homeowners' Association, Inc.**, 946 Orchard Road, Willow Street, PA 17584.

This proposed facility is located in Juniata Township, **Bedford County**.

Description of Proposed Action/Activity: Authorization to discharge to Kegg Run in Watershed 11C (Dunning Creek).

*Southwest Region: Water Management Program Manager, 400 Waterfront Drive, Pittsburgh, PA 15222-4745.*



**NPDES Permit No. PA0002879.** Industrial. **Union Electric Steel Corporation**, P. O. Box 465, Carnegie, PA 15106 is authorized to discharge from a facility located at Harmon Creek Plant, Smith Township, **Washington County** to receiving waters named unnamed tributary to Burgetts Fork (001—003).

**NPDES Permit No. PA0046019.** Industrial. **J.D.Q.L.L.C.**, R. R. 1, Box 10, Smithton, PA 15479 is authorized to discharge from a facility located at Penn Station Travel Plaza, South Huntingdon Township, **Westmoreland County** to receiving waters named Drainage Swale to unnamed tributary (Dutch Hollow) to Youghiogheny River (001—003).

**NPDES Permit No. PA0095010.** Industrial Waste. **Greater Greensburg Water Authority**, 111 Roosevelt Boulevard, Johnstown, PA 15907 is authorized to discharge from a facility located at the Riverside Water Treatment Plant, Stonycreek Township, **Cambria County** to receiving waters named Stony Creek.

**NPDES Permit No. PA0205656.** Industrial. **The Boswell Oil Company**, 702 Washington Avenue, Dravosburg, PA 15034 is authorized to discharge from a facility located at Dravosburg Facility, Dravosburg, **Allegheny County** to receiving waters named Monongahela River.

**NPDES Permit No. PA0217034.** Industrial Waste. **Koppers Industries, Inc.**, 436 Seventh Avenue, Pittsburgh, PA 15219 is authorized to discharge from a facility located at Monessen Coke Plant, Monessen, **Westmoreland County** to receiving waters named Monongahela River.

**NPDES Permit No. PA0203891.** Sewage. **Western Area Career & Technology Center**, 688 Western Avenue, Canonsburg, PA 15317 is authorized to discharge from a facility located at North Wade Street School Sewage Treatment Plant, Chartiers Township, **Washington County** to receiving waters named Chartiers Run.

**NPDES Permit No. PA0204625.** Sewage. **Robert Feather**, 1510 Darkshade Drive, Windber, PA 15963 is authorized to discharge from a facility located at Feather Nest MHP STP, Paint Township, **Somerset County** to receiving waters named unnamed tributary of Shade Creek.

**NPDES Permit No. PA0204633.** Sewage. **Michael Narquini**, 95 Browntown Road, Avella, PA 15312 is authorized to discharge from a facility located at Narquini Service Station STP, Cross Creek Township, **Washington County** to receiving waters named North Fork Cross Creek.

**NPDES Permit No. PA0204951.** Sewage. **Advanced Commerce Group, Inc.** is authorized to discharge from a facility located at The Woodlands Plan of Lots Sewage Treatment Plant, Sewickley Hills Borough, **Allegheny County** to receiving waters named unnamed tributary of Kilbuck Run.

**NPDES Permit No. PA0218707.** Sewage. **William and Kathryn Neumont**, 12 Crestwood Drive, Allison Park, PA 15101 are authorized to discharge from a facility located at Neumont Single Residence STP, Anderson Road, Richland Township, **Allegheny County** to receiving waters named unnamed tributary to Willow Run.

**Permit No. 0200413.** Sewerage. **William and Kathryn Neumont**, 12 Crestwood Drive, Allison Park, PA 15101. Construction of single residence STP located in Richland Township, **Allegheny County** to serve Neumont Property.

**Permit No. 0201401.** Sewerage. **Lisa Pattock.** Construction of a single residence sewage treatment facility located in Plum Borough, **Allegheny County** to serve Pattock single residence sewage treatment facility.

**Permit No. 0491407, Amendment No. 2.** Sewage. **New Sewickley Township Municipal Authority**, 233 Miller Road, Rochester, PA 15074 . Construction of Sewage Treatment Plant Expansion located in New Sewickley Township, **Beaver County** to serve Tri-County Commerce Wastewater Treatment Plant.

**Permit No. 1169402, Amendment No. 4.** Sewage. **Windber Area Authority**, 1700 Stockholm Avenue, Windber, PA 15963. Construction of an interceptor replacement and upsizing located in Richland Township, **Cambria County** to serve Upper Seese Run Interceptor.

**Permit No. 2600401.** Sewerage. **Georges Creek Municipal Authority**, P. O. Box 338, Smithfield, PA 15478. Construction of Treatment Plant, Pump Station, and Sewers located in Georges Township, **Fayette County** to serve Smithfield Borough.

**Permit No. 6300404.** Sewerage. **Midway Sewage Authority**, P. O. Box 600, Midway, PA 15060. Construction of a sewage treatment plant, pumping stations, gravity and pressure sewers located in Cecil Township, **Washington County** to serve Midway Borough, and portions of Cecil, Mt. Pleasant, Robinson and Smith Townships.

*Northwest Region: Water Management Program Manager, 230 Chestnut Street, Meadville, PA 16335-3481.*

**NPDES Permit No. PA0104426,** Industrial Waste, **Corner Water Supply and Service Corporation**, 113 Oakwood Lane, Shippensburg, PA 16254.

This proposed facility is located in Elk Township, **Clarion County**.

Description of Proposed Action/Activity: This facility is authorized to discharge to Paint Creek.

**NPDES Permit No. PA0032727,** Sewage, **Rest Area Site No. 21, Department of Transportation, Bureau of Design**, 7th Floor Forum Place, Harrisburg, PA 17101-1900.

This proposed facility is located in Irwin Township, **Venango County**.

Description of Proposed Action/Activity: This facility is authorized to discharge to an unnamed tributary to the East Branch of Wolf Creek.

**NPDES Permit No. PA0032778,** Sewage, **Rest Area Site No. 22, Department of Transportation, Bureau of Design**, 7th Floor Forum Place, Harrisburg, PA 17101-1900.

This proposed facility is located in Irwin Township, **Venango County**.

Description of Proposed Action/Activity: This facility is authorized to discharge to an unnamed tributary to Scrubgrass Creek.

**NPDES Permit No. PA0047201,** Sewage, **Tionesta Borough Municipal Authority**, 104 River Street, P. O. Box 408, Tionesta, PA 16353-0408.

This proposed facility is located in Tionesta Borough, **Forest County**.

Description of Proposed Action/Activity: This facility is authorized to discharge to the Allegheny River.

**NPDES Permit No. PA0221643**, Sewage, **Sligo Borough Authority**, 448 Colerain Street, P. O. Box 241, Sligo, PA 16255.

This proposed facility is located in Sligo Borough, **Clarion County**.

Description of Proposed Action/Activity: This facility is authorized to discharge to Mineral Run.

**NPDES STORMWATER INDIVIDUAL PERMITS  
(PAS)**

The following NPDES Individual Permits for Discharges of Stormwater Associated with Construction Activities have been issued.

These actions of the Department of Environmental Protection (Department) may be appealed to the Environmental Hearing Board (Board), Second Floor, Rachel Carson State Office Building, 400 Market Street, P. O. Box 8457, Harrisburg, PA 17105-8457, (717) 787-3483, by any aggrieved person under the Environmental Hearing Board Act (35 P. S. § 7514) and 2 Pa.C.S. §§ 501—508 and 701—704 (relating to the Administrative Agency Law). Appeals must be filed with the Board within 30 days from the date of this issue of the *Pennsylvania Bulletin* unless the appropriate statute provides a different time period. Copies of the appeal form and the Department's regulations governing practice and procedure before the Board may be obtained from the Board.

*Southeast Region: Water Management Program Manager, Lee Park, Suite 6010, 555 North Lane, Conshohocken, PA 19428.*

<i>NPDES Permit No.</i>	<i>Applicant Name &amp; Address</i>	<i>County</i>	<i>Municipality</i>	<i>Receiving Water/Use</i>
PAS10-G447	Tredyffrin Township 1100 DuPortall Road Berwyn, PA 19312	Tredyffrin Township	Chester County	Valley Creek (EV)

*Northeast Region: Water Management Program Manager, 2 Public Square, Wilkes-Barre, PA 18711-0790.*

<i>NPDES Permit No.</i>	<i>Applicant Name &amp; Address</i>	<i>County</i>	<i>Municipality</i>	<i>Receiving Water/Use</i>
PAS10S057-1	Pocono International Raceway, Inc. P. O. Box 500 Long Pond, PA 18334	Monroe	Tunkhannock Township	Tunkhannock Creek HQ-CWF

*Northcentral Region: Water Management Program Manager, 208 West Third Street, Williamsport, PA 17701.*

<i>NPDES Permit No.</i>	<i>Applicant Name &amp; Address</i>	<i>County</i>	<i>Municipality</i>	<i>Receiving Water/Use</i>
PAS10F095	Edward D. Agostinelli LETWO LLC 270 Walker Dr. State College, PA 16801	Centre County	College Township	Spring Creek, HQ-CWF

**APPROVALS TO USE NPDES AND/OR OTHER GENERAL PERMITS**

The following parties have submitted: (1) Notices of Intent (NOIs) for Coverage Under (1) General NPDES Permits to Discharge Wastewater into the Waters of this Commonwealth. The approval for coverage under these general NPDES permits is subject to applicable effluent limitations, monitoring, reporting requirements and other conditions set forth in the general permit; (2) General Permits for Beneficial Use of Sewage Sludge or Residential Septage by Land Application in Pennsylvania; (3) General NPDES Permit Authorizing the Discharge of Stormwater Associated with Construction Activities to Waters of this Commonwealth; (4) Notification for First Use Application of Sewage Sludge.

The approval of coverage for land application of sewage sludge or residential septage under these general permits is subject to pollutant limitations, pathogen and vector attraction reduction requirements, operational standards, general requirements, management practices and other conditions set forth in the respective permit. The Department of Environmental Protection approves the following coverage under the specific General Permit.

The EPA Region III Administrator has waived the right to review or object to this permit action under the waiver provision 40 CFR 123.24.

The applications and related documents, effluent limitations, permitting requirements and other information are on file and may be inspected and arrangements made for copying at the contact office noted.

**List of NPDES and/or Other General Permit Types**

PAG-1	General Permit for Discharges From Stripper Oil Well Facilities
PAG-2	General Permit for Discharges of Stormwater Associated With Construction Activities (PAR)
PAG-3	General Permit for Discharges of Stormwater From Industrial Activities
PAG-4	General Permit for Discharges From Single Residence Sewage Treatment Plant
PAG-5	General Permit for Discharges From Gasoline Contaminated Ground Water Remediation Systems
PAG-6	General Permit for Wet Weather Overflow Discharges From Combined Sewer Systems (CSO)
PAG-7	General Permit for Beneficial Use of Exceptional Quality Sewage Sludge by Land Application

PAG-8	General Permit for Beneficial Use of Non-Exceptional Quality Sewage Sludge by Land Application to Agricultural Land, Forest, a Public Contact Site or a Land Reclamation Site
PAG-8 (SSN)	Site Suitability Notice for Land Application Under Approved PAG-8 General Permit Coverage
PAG-9	General Permit for Beneficial Use of Non-Exceptional Quality Sewage Sludge by Land Application to Agricultural Land, Forest, or a Land Reclamation Site
PAG-9 (SSN)	Site Suitability Notice for Land Application Under Approved PAG-9 General Permit Coverage
PAG-10	General Permit for Discharge Resulting from Hydrostatic Testing of Tanks and Pipelines
PAG-11	(To Be Announced)
PAG-12	Concentrated Animal Feeding Operations (CAFOs)

*General Permit Type—PAG-2*

<i>Facility Location &amp; Municipality</i>	<i>Permit No.</i>	<i>Applicant Name &amp; Address</i>	<i>Receiving Water/Use</i>	<i>Contact Office &amp; Phone No.</i>
Upper Darby Township Delaware County	PAR10-J154	SEPTA 1234 Market Street Philadelphia, PA 19107	Cobbs Creek (WWF)	Southeast Regional Office Suite 6010, Lee Park 555 North Lane Conshohocken, PA 19428 (610) 832-6131
West Whiteland Township Chester County	PAR10-G410	Valley Creek Corp. Ctr. 2005 Market St, Suite 4100 Philadelphia, PA 19103	Valley Creek (CWF)	Southeast Regional Office Suite 6010, Lee Park 555 North Lane Conshohocken, PA 19428 (610) 832-6131
Caln Township Chester County	PAR10-G421	ECL Company, LLC 61 Broadway, Suite 2924 New York, NY 10006	East Branch Brandywine Creek (TSF-MF)	Southeast Regional Office Suite 6010, Lee Park 555 North Lane Conshohocken, PA 19428 (610) 832-6131
Newlin Township Chester County	PAR10-G412	CPR Land 920 Harmony Hill Road West Chester, PA 19380	Pocopson Creek (TSF-MF)	Southeast Regional Office Suite 6010, Lee Park 555 North Lane Conshohocken, PA 19428 (610) 832-6131
East Bradford Township Chester County	PAR10-G419	Ted Moser 1171 Lancaster Avenue Berwyn, PA 19312	Valley Creek (CWF-MF)	Southeast Regional Office Suite 6010, Lee Park 555 North Lane Conshohocken, PA 19428 (610) 832-6131
New Garden Township Chester County	PAR10-G403	RML Enterprises P. O. Box 1180 Hockessin, DE 19707	Bucktoe Creek (TSF)	Southeast Regional Office Suite 6010, Lee Park 555 North Lane Conshohocken, PA 19428 (610) 832-6131
Birmingham Township Chester County	PAR10-G372	PR Group 62 Read Way New Castle, DE 19720	Radley Run (WWF-MF)	Southeast Regional Office Suite 6010, Lee Park 555 North Lane Conshohocken, PA 19428 (610) 832-6131
Pocopson Township Chester County	PAR10-G406	Town and Country 7 Kates Glen Paoli, PA 19301	Pocopson Creek (TSF-MF)	Southeast Regional Office Suite 6010, Lee Park 555 North Lane Conshohocken, PA 19428 (610) 832-6131

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<i>Facility Location &amp; Municipality</i>	<i>Permit No.</i>	<i>Applicant Name &amp; Address</i>	<i>Receiving Water/Use</i>	<i>Contact Office &amp; Phone No.</i>
Whitemarsh Township Montgomery County	PAR10-T642	Realen Homes, LLC 1040 Stoney Hill Road Yardley, PA 19067	UNT to Plymouth Creek (WWF)	Southeast Regional Office Suite 6010, Lee Park 555 North Lane Conshohocken, PA 19428 (610) 832-6131
Lower Gwynedd Township Montgomery County	PAR10-T686	Guidi Homes 921 B North Bethlehem Pk. Spring House, PA 19477	Trewellyn Creek (TSF)	Southeast Regional Office Suite 6010, Lee Park 555 North Lane Conshohocken, PA 19428 (610) 832-6131
Upper Gwynedd Township Montgomery County	PAR10-T278	Merk and Company, Inc. P. O. Box 4 West Point, PA 19486	UNT of Towamencin Creek (TSF)	Southeast Regional Office Suite 6010, Lee Park 555 North Lane Conshohocken, PA 19428 (610) 832-6131
Lansdale/Upper Gwynedd Townships Montgomery County	PAR10-T639-1	Progress Development, LP 595 Skippack Pk. Suite 100 Blue Bell, PA 19422	Towamencin Creek (TSF)	Southeast Regional Office Suite 6010, Lee Park 555 North Lane Conshohocken, PA 19428 (610) 832-6131
Lower Salford Township Montgomery County	PAR10-T708	Penn Gwynn, LP 538 East Main Street Lansdale, PA 19446	UNT to Skippack Creek (TSF)	Southeast Regional Office Suite 6010, Lee Park 555 North Lane Conshohocken, PA 19428 (610) 832-6131
Upper Providence Township Montgomery County	PAR10-T715	Wyeth-Ayerst Pharmaceuticals 2100 Renaissance Blvd. King of Prussia, PA 19406	Perkiomen Creek (WWF)	Southeast Regional Office Suite 6010, Lee Park 555 North Lane Conshohocken, PA 19428 (610) 832-6131
Lackawanna County Scott Township	PAR10N120	Karl Pfeifferberger SCLIB Co. P. O. Box 431 Scranton, PA 18501	UNT to Tunkhannock Creek TSF	Lackawanna County Conservation District (570) 281-9495
Schuylkill County Pine Grove Township	PAR105811	C. H. Klinger, Inc. 1486A Pinedale Industrial Park Orwigsburg, PA 17961	Swatara Creek CWF	Schuylkill County Conservation District (570) 622-3742
Northampton County Washington Township	PAR10U153	Washington Township Board of Supervisors 4 Flicksville Rd. Bangor, PA 18013	Martsin Creek TSF, MF	Northampton County Conservation District (610) 746-1971
Ruscombmanor Township Berks County	PAR 10C227	Golden Oaks Residential Dmidio Filippini, Pres. Filippini Real Estate Inc. 520 N. Temple Blvd. Temple, PA 19560	Furnace Creek Willow Creek	Berks County Conservation District P. O. Box 520 1238 County Welfare Road Leesport, PA 19533 (610) 372-4657
Lincoln Township Hopewell Township Blair County	PAR103019	R.R.P. Recreation LP Hollidaysburg, PA	Raystown Lake WWF	Blair County Conservation District 1407 Blair Street Hollidaysburg, PA 16648 (814) 696-0877

<i>Facility Location &amp; Municipality</i>	<i>Permit No.</i>	<i>Applicant Name &amp; Address</i>	<i>Receiving Water/Use</i>	<i>Contact Office &amp; Phone No.</i>
Morris Township Blair County	PAR103020	New Enterprise Stone and Lime New Enterprise, PA	Frankstown Branch of the Juniata River	Blair County Conservation District 1407 Blair Street Hollidaysburg, PA 16648 (814) 696-0877
Greene Township Franklin County	PAR10M231	Beacon Light Estates Elam Reiff 275 Good Heart Road Shippensburg, PA 17257	UNT to Conococheague Creek CWF	Franklin County Conservation District 550 Cleveland Avenue Chambersburg, PA 17201 (717) 264-8074
North Codorus Township York County	PAR10Y511	Colonial Crossings Cornerstone Dev. Corp. Inc. P. O. Box 179 Felton, PA 17322	UNT to W Branch Codorus Creek WWF	York County Conservation District 118 Pleasant Acres Rd. York, PA 17402 (717) 840-7430
Springettsbury Township Hellam Township York County	PAR10Y519	Greystone/Sarah K. Norton Abel Construction Co. Inc. P. O. Box 476 Mountville, PA 17554	UNT to Kreutz Creek WWF	York County Conservation District 118 Pleasant Acres Rd. York, PA 17402 (717) 840-7430
West Manchester Township York County	PAR10Y528	Barrington Place Phase III-IV Allen M. Smith Orchard Hill Real Estate 450 Spangler Road New Oxford, PA 17350	UNT to Little Conewago Creek TSF	York County Conservation District 118 Pleasant Acres Rd. York, PA 17402 (717) 840-7430
West Manchester Township York County	PAR10Y506	Home Depot USA Inc. Roger Hirschhorn 3096 Hamilton Blvd. South Plainfield, NJ 07080	Willis Run WWF	York County Conservation District 118 Pleasant Acres Rd. York, PA 17402 (717) 840-7430
Spring Garden Township York County	PAR10Y525	Regents Glen Regents Glen Building and Dev. LLC 1190 Regents Glen Blvd. York, PA 17403	Codourus Creek CWF	York County Conservation District 118 Pleasant Acres Rd. York, PA 17402 (717) 840-7430
Springettsbury Township York County	PAR10Y504	Sprenkle Tract Timothy F. Pasch 2645 Carnegie Road York, PA 17402	UNT to Kreutz Creek WWF	York County Conservation District 118 Pleasant Acres Rd. York, PA 17402 (717) 840-7430

*Southwest Region: Regional Water Management Program Manager; 400 Waterfront Drive, Pittsburgh, PA 15222-4745.*

<i>Facility Location &amp; Municipality</i>	<i>Permit No.</i>	<i>Applicant Name &amp; Address</i>	<i>Receiving Water/Use</i>	<i>Contact Office &amp; Phone No.</i>
Washington County North Franklin Township	PAR10W181	PA Department of Transportation P. O. Box 459 Uniontown, PA 15401	Chartiers Creek WWF	Washington County Conservation District (724) 228-6774
Westmoreland County Allegheny Township	PAR10X245	True Line Corp. 470 Old Frankstown Rd. Pittsburgh, PA 15146	Pine Run—WWF	Westmoreland County Conservation District (724) 837-5271
Westmoreland County North Huntingdon Township	PAR10X247	Robert Shuster R.R. 1 Box 61 Rillton, PA 15678	UNT to Tinkers Run—WWF	Westmoreland County Conservation District (724) 837-5271
Westmoreland County Penn Township	PAR10X256	Father Paul Fitz Maurice 34 Ramaley Road Harrison City, PA 15636	UNT to Bushy Run—WWF	Westmoreland County Conservation District (724) 837-5271

## NOTICES

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*General Permit Type—PAG-3*

<i>Facility Location &amp; Municipality</i>	<i>Permit No.</i>	<i>Applicant Name &amp; Address</i>	<i>Receiving Water/Use</i>	<i>Contact Office &amp; Phone No.</i>
Chester County West Chester Borough	PAR230031	Sartomer Company, Inc. 610 South Bolmar Street West Chester, PA 19382	Unnamed tributary to East Branch Chester Creek (Goose Creek)	DEP Southeast Region Lee Park, Suite 6010 555 North Lane Conshohocken, PA 19426
Montgomery County Horsham Township	PAR800068	United Parcel Service, Inc. 700 Blair Mill Road Horsham, PA 19044	Pennypack Creek	DEP Southeast Region Lee Park, Suite 6010 555 North Lane Conshohocken, PA 19428
Lackawanna County South Abington Township	PAR112225	Flowserve Corporation 942 Griffin Pond Rd. Clarks Summit, PA 18411	Ackerly Creek	DEP NERO Water Mgmt. 2 Public Square Wilkes-Barre, PA 18711 (570) 826-2511
Blair County Blair Township	PAR603583	Charles L. Walter Walter's Auto Wrecking R.R. 1, Box 518-A Hollidaysburg, PA 16648	Halter Creek	DEP—Southcentral Region 909 Elmerton Avenue Harrisburg, PA 17110 (717) 705-4707
Dauphin County Middletown Borough	PAR803644	Federal Express Corporation 200 Fulling Mill Road Middletown, PA 17057	Swatara Creek WWF	DEP—Southcentral Region 909 Elmerton Avenue Harrisburg, PA 17110 (717) 705-4707

*General Permit Type—PAG-4*

<i>Facility Location &amp; Municipality</i>	<i>Permit No.</i>	<i>Applicant Name &amp; Address</i>	<i>Receiving Water/Use</i>	<i>Contact Office &amp; Phone No.</i>
Berks County Douglass Township	PAG043538	Walter & Stacia Jablonski, Jr. 186 Hill School Road Douglassville, PA 19518	UNT Schuylkill River/WWF	DEP—Southcentral Region 909 Elmerton Avenue Harrisburg, PA 17110 (717) 705-4707
Allegheny County Plum Borough	PAG046222	Lisa Pattock 2029 Old Leechburg Road New Kensington, PA 15068	UNT to Pucketa Creek	Southwest Regional Office, Water Management Program Manager 400 Waterfront Drive Pittsburgh PA 15222-4745 (412) 442-4000

*General Permit Type—PAG-5*

<i>Facility Location &amp; Municipality</i>	<i>Permit No.</i>	<i>Applicant Name &amp; Address</i>	<i>Receiving Water/Use</i>	<i>Contact Office &amp; Phone No.</i>
Berks County Bethel Township	PAG053548	F. Ray Marks, Jr. Marks Garage 469 Frystown Road Myerstown, PA 17067	UNT to Swatara Creek	DEP—Southcentral Regional Office 909 Elmerton Avenue Harrisburg, PA 17110-8200 (717) 705-4707
Hempfield Township Westmoreland County	PAG056161	Exxon Mobil Corp. 220 Commerce Drive Suite 205 Ft. Washington, PA 19034	UNT of Jacks Run	Southwest Regional Office: Water Management Program Manager 400 Waterfront Drive Pittsburgh PA 15222-4745 (412) 442-4000

*General Permit Type—PAG-9 (SSN)*

<i>Facility Location &amp; Municipality</i>	<i>Permit No.</i>	<i>Applicant Name &amp; Address</i>	<i>Site Name &amp; Location</i>	<i>Contact Office &amp; Phone No.</i>
Spring Township Perry County	PAG093528	Advanced Septic Services R. R. 1 Box 577 Landisburg, PA 17040	Richard View Farm Spring Township Perry County	DEP SCRO 909 Elmerton Avenue Harrisburg, PA 17110 (717) 705-4707

*General Permit Type—PAG-10*

<i>Facility Location &amp; Municipality</i>	<i>Permit No.</i>	<i>Applicant Name &amp; Address</i>	<i>Receiving Water/Use</i>	<i>Contact Office &amp; Phone No.</i>
Chester County East Goshen Township	PAG100008	Sun Pipe Line Company 10 Penn Center, 26th Floor 1801 Market Street Philadelphia, PA 19103	Storm Sewer Tributary to East Branch Chester Creek—3G Watershed	DEP Southeast Region Lee Park, Suite 6010 555 North Lane Conshohocken, PA 19428

**SAFE DRINKING WATER****Actions taken under the Pennsylvania Safe Drinking Water Act (35 P. S. §§ 721.1—721.17).**

*Southeast Region: Water Supply Management Program Manager, Lee Park, Suite 6010, 555 North Lane, Conshohocken, PA 19428.*

**Permit No. 4601502, Public Water Supply.**

Applicant	<b>North Wales Water Authority</b> 200 W. Walnut Street North Wales, PA 19454-1339
Township	Lower Gwynedd
County	<b>Montgomery</b>
Type of Facility	Public Water Supply System
Consulting Engineer	Gannett Fleming, Inc. P. O. Box 80794 Valley Forge, PA 19484-0794
Permit to Construct Issued	April 4, 2001

*Northeast Region: Water Supply Management Program Manager, 2 Public Square, Wilkes-Barre, PA 18711-0790.*

**Permit No. 4501501, Public Water Supply.**

Applicant	<b>Meadow Run Builders</b> 209 Executive Plaza East Stroudsburg, PA 18301
Borough or Township	Stroud Township
County	<b>Monroe</b>
Type of Facility	Public Water Supply
Consulting Engineer	Joseph D. Sincavage, P.E. Sincavage Associates, Inc. 149 East Broad St. East Stroudsburg, PA 18301
Permit to Construct Issued	April 2, 2001

**Permit No. 2200508 MA, Minor Amendment, Public Water Supply.**

Applicant	<b>Gratz Borough Water Authority</b>
Municipality	Gratz Borough
County	<b>Dauphin</b>

Type of Facility	Installation of Soda Ash chemical feed system for pH/alkalinity adjustment for LCR corrosion control treatment.
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Consulting Engineer	Max E Stoner, P.E. Glace Associates, Inc. 3705 Trindle Rd. Camp Hill, PA 17011
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Permit to Construct Issued:	February 8, 2001
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**Permit No. 3600508, Public Water Supply.**

Applicant	<b>Pleasant View Retirement Community</b>
Municipality	Penn Township
County	<b>Lancaster</b>

Type of Facility	Project is for the construction of a new booster pump station. The new pump house will include both domestic pumps and a relocated fire pump.
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Consulting Engineer	David A. Madary 33 S. Broad St. Lititz, PA 17543
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Permit to Operate Issued:	March 20, 2001
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**Permit No. 2299502, Public Water Supply.**

Applicant	<b>United Water Pennsylvania</b>
Municipality	Hummelstown Borough
County	<b>Dauphin</b>

Type of Facility	Operation of a ClorTec On-Site liquid sodium hypochlorite generation unit.
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Consulting Engineer	R. Michael Gephart, P.E. United Water Pennsylvania 4211 East Park Circle Harrisburg, PA 17111
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Permit to Operate Issued:	February 28, 2001
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**Permit No. 2299501, Public Water Supply.**

Applicant	<b>United Water Pennsylvania</b>
Municipality	Susquehanna Township

County **Dauphin**  
 Type of Facility Operation of a ClorTec On-Site liquid sodium hypochlorite generation unit.

Consulting Engineer R. Michael Gephart, P.E.  
 United Water Pennsylvania  
 4211 East Park Circle  
 Harrisburg, PA 17111

Permit to Operate February 28, 2001  
 Issued:

**Permit No. 7366118**, Public Water Supply.

Applicant **Crystal Spring Water Company**  
 Municipality Millcreek Township  
 County **Lebanon**  
 Type of Facility Operation of modifications to an existing loading building. In addition, the withdrawal of water from Arrowhead Spring No. 3 will be increased from 90,000 gpd to 300,000 gpd.

Consulting Engineer Daniel J Barton, P.E.  
 Crouse & Company  
 400 Penn Center Blvd.  
 Pittsburgh, PA 15235

Permit to Operate August 17, 2000  
 Issued:

**Permit No. 3101502 MA, Minor Amendment**, Public Water Supply.

Applicant **Youth Forestry Camp #3**  
 Municipality Todd Township  
 County **Huntingdon**  
 Type of Facility Modifications to the piping configuration of the greensand filters.

Consulting Engineer Kas Janardhana  
 Dept. Public Welfare Bureau  
 Facilities Management  
 1401 N. Seventh St.  
 Harrisburg, PA 17105-2675

Permit to Operate March 6, 2001  
 Issued:

**Permit No. 2299505 MA, Minor Amendment**, Public Water Supply.

Applicant **Middletown Borough Authority**  
 Municipality Middletown Borough  
 County **Dauphin**  
 Type of Facility Operation of a chemical treatment building for Well Nos. 1 & 2. Also modifications to Well Nos. 1 & 2 and the filter building.

Consulting Engineer Mikel V. Geissler, P.E.  
 CET Engineering Services  
 1240 N. Mountain Rd.  
 Harrisburg, PA 17112

Permit to Operate February 23, 2001  
 Issued:

*Northcentral Region: Water Supply Management Program Manager, 208 West Third Street, Williamsport, PA 17701.*

**Permit No. 1400509**, Public Water Supply.

Applicant **Pennsylvania American Water Company**  
 Township Boggs & Bradford Townships  
 County **Clearfield**  
 Type of Facility Public Water Supply  
 Consulting Engineer Gannett-Fleming, Inc.  
 P. O. Box 67100  
 Harrisburg, PA 17106-7100

Permit to Construct April 3, 2001  
 Issued

**Permit No. Minor Amendment**, Public Water Supply.

Applicant **City of DuBois**  
 Township Sandy Township  
 County **Clearfield**  
 Type of Facility Public Water Supply  
 Consulting Engineer The EADS Group, Inc.  
 P. O. Box 684  
 15392 Route 322  
 Clarion, PA 16214

Permit to Construct April 4, 2001  
 Issued

**Permit No. Minor Amendment**, Public Water Supply.

Applicant **City of DuBois**  
 Township Sandy Township  
 County **Clearfield**  
 Type of Facility Public Water Supply  
 Consulting Engineer The EADS Group, Inc.  
 P. O. Box 684  
 15392 Route 322  
 Clarion, PA 16214

Permit to Operate April 4, 2001  
 Issued

**Permit No. 2724**, Public Water Supply.

Applicant **City of DuBois**  
 Township Sandy Township  
 County **Clearfield**  
 Type of Facility Public Water Supply  
 Consulting Engineer The EADS Group, Inc.  
 P. O. Box 684  
 15392 Route 322  
 Clarion, PA 16214

Permit to Operate April 4, 2001  
 Cancelled

**Permit No. 2890**, Public Water Supply.

Applicant **City of DuBois**  
 Township Sandy Township  
 County **Clearfield**  
 Type of Facility Public Water Supply  
 Consulting Engineer The EADS Group, Inc.  
 P. O. Box 684  
 15392 Route 322  
 Clarion, PA 16214

Permit to Operate April 4, 2001  
 Canceled



**Permit No. 2584.** Public Water Supply.  
 Applicant **City of DuBois**  
 Township Sandy Township  
 County **Clearfield**  
 Type of Facility Public Water Supply  
 Consulting Engineer The EADS Group, Inc.  
 P. O. Box 684  
 15392 Route 322  
 Clarion, PA 16214  
 Permit to Operate April 4, 2001  
 Cancelled

**Permit No. 6372.** Public Water Supply.  
 Applicant **City of DuBois**  
 Township Sandy Township  
 County **Clearfield**  
 Type of Facility Public Water Supply  
 Consulting Engineer The EADS Group, Inc.  
 P. O. Box 684  
 15392 Route 322  
 Clarion, PA 16214  
 Permit to Operate April 4, 2001  
 Cancelled

**Permit No. 265-W-021.** Public Water Supply.  
 Applicant **City of DuBois**  
 Township Sandy Township  
 County **Clearfield**  
 Type of Facility Public Water Supply  
 Consulting Engineer The EADS Group, Inc.  
 P. O. Box 684  
 15392 Route 322  
 Clarion, PA 16214  
 Permit to Operate April 4, 2001  
 Cancelled

**Permit No. 1790502.** Public Water Supply.  
 Applicant **City of DuBois**  
 Township Sandy Township  
 County **Clearfield**  
 Type of Facility Public Water Supply  
 Consulting Engineer The EADS Group, Inc.  
 P. O. Box 684  
 15392 Route 322  
 Clarion, PA 16214  
 Permit to Operate April 4, 2001  
 Cancelled

**Permit No. 1999501.** Public Water Supply.  
 Applicant **Benton Municipal Water & Sewer Authority**  
 Borough Benton Borough  
 County **Columbia**  
 Type of Facility Public Water Supply  
 Permit to Operate April 10, 2001  
 Issued

**Permit No. Minor Amendment.** Public Water Supply.  
 Applicant **Benton Municipal Water & Sewer Authority**

Borough Benton Borough  
 County **Columbia**  
 Type of Facility Public Water Supply  
 Permit to Operate April 10, 2001  
 Issued

**Permit No. 4189514-T1.** Public Water Supply.  
 Applicant **Kennard P. Camp, Owner Mountain Laurel Mobile Home Park**  
 Township Armstrong Township  
 County **Lycoming**  
 Type of Facility Public Water Supply  
 Permit to Operate April 9, 2001  
 Issued

## SEWAGE FACILITIES ACT PLAN APPROVAL

### Plan approvals granted under the Pennsylvania Sewage Facilities Act (35 P. S. §§ 750.5—750.20).

*Northwest Region: Water Management Program Manager, 230 Chestnut Street, Meadville, PA 16335-3481.*

#### Plan Location:

<i>Borough or Township</i>	<i>Borough or Township Address</i>	<i>County</i>
Fox Township	116 Irishtown Road P. O. Box 184 Kersey, PA 15846	<b>Elk</b>

Plan Description: The approved plan provides for the construction of combined gravity and forced main collection and conveyance sewers for the areas of Robin Road, Cherry Road, and the SR 255 corridor, including areas of Homestead Road, Greenbrier Drive, Laurel Lane and Linwood Avenue. A 0.40 MGD sewage treatment plant (STP) upgrade is proposed that will use oxidation ditch technology.

The Department's review of the sewage facilities update revision has not identified any significant environmental impacts resulting from this proposal. Any required NPDES Permits or WQM Permits must be obtained in the name of the municipality or authority as appropriate.

## LAND RECYCLING AND ENVIRONMENTAL REMEDIATION

### UNDER ACT 2, 1995

#### PREAMBLE 2

**The following final reports were submitted under the Land Recycling and Environmental Remediation Standards Act (35 P. S. §§ 6026.101—6026.908).**

Provisions of Chapter 3 of the Land Recycling and Environmental Remediation Standards Act (Act) require the Department of Environmental Protection (Department) to publish in the *Pennsylvania Bulletin* a notice of submission of final reports. A final report is submitted to document cleanup of a release of a regulated substance at a site where one of the Act's remediation standards. A final report provides a description of the site investigation to characterize the nature and extent of contaminants in environmental media, the basis for selecting the environmental media of concern, documentation supporting the

selection of residential or non-residential exposure factors, a description of the remediation performed and summaries of sampling analytical results which demonstrate that remediation has attained the cleanup standard selected.

For further information concerning the final report, contact the Environmental Cleanup Program Manager in the Department Regional Office under which the notice of receipt of a final report appears. If information concerning a final report is required in an alternative form, contact the Community Relations Coordinator at the appropriate Regional Office listed. TDD users may telephone the Department through the AT&T Relay Service at (800) 654-5984.

The Department has received the following final reports:

*Southeast Region: Environmental Cleanup Program Manager; Lee Park, Suite 6010, 555 North Lane, Conshohocken, PA 19428.*

**Philadelphia Redevelopment Authority/Stenton Ave. and Haines St.**, City of Philadelphia, **Philadelphia County**. Nancy R. Repetto, Powell-Harpstead, Inc., 800 E. Washington St., West Chester, PA 19380, on behalf of the Redevelopment Authority of the City of Philadelphia, 1234 Market St., 16th Floor, Philadelphia, PA 19107, has submitted a Final Report concerning remediation of site soil contaminated with lead, BTEX and petroleum hydrocarbons. The report is intended to document remediation of the site to meet the Statewide Health Standards.

**Penllyn Lands**, Lower Gwynedd Township, **Montgomery County**. Mark J. Irani, P.G., RT Environmental Services, Inc., 215 W. Church Rd., King of Prussia, PA 19406, on behalf of Penllyn Lands, c/o Day & Zimmerman, Inc., 1818 Market St., Philadelphia, PA 19103, has submitted a Final Report concerning site soil contaminated with solvents and groundwater contaminated with lead. The report is intended to document remediation of the site to meet the Statewide Health Standard.

**Lee's Service Center**, Upper Darby Township, **Delaware County**. Samuel J. Kucia, Environmental Consulting, Inc., 500 E. Washington St., Suite 375, Norristown, PA 19401, on behalf of Wellington and Dennis Lee, 700 Burmont Rd., Drexel Hill, PA, has submitted a Final Report concerning site soil contaminated with lead, BTEX and petroleum hydrocarbons. The report is intended to document remediation of the site to meet the Statewide Health Standard.

*Southcentral Region: Environmental Cleanup Program Manager; 909 Elmerton Avenue, Harrisburg, PA 17110.*

**Doerrman Property**, Ruscombmanor Township, **Berks County**. Walter B. Satterthwaite Associates, Inc., 720 Old Fern Hill Road, West Chester, PA 19380, on behalf of Patrick and Amy Doerrman, 3638 Princetown Road, Fleetwood, PA 19522 and State Farm Insurance, 108 West Airport Road, Lititz, PA 17543, has submitted a Final Report concerning remediation of site soils and groundwater contaminated with BTEX and PAHs. The report is intended to document remediation of the site to the Statewide health standard.

*Northcentral Region: Environmental Cleanup Program Manager; 208 West Third Street, Williamsport, PA 17701.*

**Matthew Motors—Covington Site**, Covington Township, **Tioga County**. Brooks Petroleum Contracting Company, R.R. 7, Box 141, Wellsboro, PA 16901, on behalf of Putnam Company, 5 East Avenue, Wellsboro, PA 16901,

has submitted a Final Report concerning remediation of site soil and groundwater contaminated with BTEX. The report is intended to document remediation of the site to meet the Statewide Health Standard. (See additional notice in this *Pennsylvania Bulletin*).

## LAND RECYCLING AND ENVIRONMENTAL REMEDIATION

UNDER ACT 2, 1995

PREAMBLE 3

**The Department has taken action on the following plans and reports under the Land Recycling and Environmental Remediation Standards Act (35 P. S. §§ 6026.101—6026.908).**

Provisions of 25 Pa. Code § 250.8, Administration of the Land Recycling and Environmental Remediation Standards Act (Act) requires the Department of Environmental Protection (Department) to publish in the *Pennsylvania Bulletin* a notice of its final actions on plans and reports. A final report is submitted to document cleanup of a release of a regulated substance at a site to one of the remediation standards of the Act. Plans and reports required by provisions of the Act for compliance with selection of remediation to a site-specific standard, in addition to a final report, include a remedial investigation report, risk assessment report and cleanup plan. A remedial investigation report includes conclusions from the site investigation, concentration of regulated substances in environmental media; benefits of refuse of the property and, in some circumstances, a fate and transport analysis. If required, a risk assessment report describes potential adverse effects caused by the presence of regulated substances. A cleanup plan evaluates the abilities of potential remedies to achieve remedy requirements. A final report provides a description of the site investigation to characterize the nature and extent of contaminants in environmental media, the basis of selecting the environmental media of concern, documentation supporting the selection of residential or non-residential exposure factors, a description of the remediation performed and summaries of sampling methodology and analytical results which demonstrate that the remediation has attained the cleanup standard selected. The Department may approve or disapprove plans and reports submitted. This notice provides the Department's decision and, if relevant, the basis for disapproval.

For further information concerning the plans and reports, contact the Environmental Cleanup Program Manager in the Department of Environmental Protection Regional Office under which the notice of the plan or report appears. If information concerning a final report is required in an alternative form, contact the Community Relations Coordinator at the appropriate Regional Office listed. TDD users may telephone the Department through the AT&T Relay Service at (800) 654-5984.

The Department has received the following final reports:

*Southeast Region: Environmental Cleanup Program Manager; Lee Park, Suite 6010, 555 North Lane, Conshohocken, PA 19428.*

**Triboro Electric Company**, Doylestown Borough, **Bucks County**. Terrence J. McKenna, Keating Environmental Management, Inc., 479 Thomas Jones Way, Suite 700, Exton, PA 19341, on behalf of Doylestown Store & Lock, 350 S. Main St., Suite 213, Doylestown, PA 18901, has submitted a Final Report concerning the remediation

of site soil contaminated with lead. The Final report demonstrated attainment of the Statewide Health Standard and was approved by the Department on April 6, 2001.

*Southcentral Region: Environmental Cleanup Program Manager, 909 Elmerton Avenue, Harrisburg, PA 17110.*

**Exxon Station RAS 2-7395**, Upper Allen Township, **Cumberland County**. Groundwater & Environmental Services, Inc., 410 Eagleview Boulevard, Suite 110, Exton, PA 19341, on behalf of ExxonMobil Refining & Supply Company, P. O. Box 228, Fort Washington, PA 19034, and Elvin B. Hess, 145 Gettysburg Pike, Mechanicsburg, PA 17055-5695, has submitted a final report concerning the remediation of site soils and groundwater contaminated with BTEX and PHCs. The final report did not demonstrate attainment of the Statewide Health standard, and was disapproved by the Department on April 2, 2001.

## HAZARDOUS WASTE

### HAZARDOUS WASTE TRANSPORTER LICENSE

**Actions on applications for Hazardous Waste Transporter License received under the Solid Waste Management Act (35 P. S. §§ 6018.101—6018.1003) and regulations to transport hazardous waste.**

*Central Office: Bureau of Land Recycling and Waste Management, Division of Hazardous Waste Management, P. O. Box 8471, Harrisburg, PA 17105-8471.*

#### Hazardous Waste Transporter License Renewed

**Beelman Truck Co.**, P. O. Box 305, St. Libory, IL 62282. **License No. PA-AH 0363**. Effective April 2, 2001.

### INFECTIOUS AND CHEMOTHERAPEUTIC WASTE TRANSPORTER LICENSE

**Actions on applications for Infectious and Chemotherapeutic Waste Transporter License received under the Solid Waste Management Act (35 P. S. §§ 6018.101—6018.1003) and Act 93 of June 28, 1988 (P. L. 525, No. 93) and regulations to transport infectious and chemotherapeutic waste.**

*Central Office: Bureau of Land Recycling and Waste Management, Division of Hazardous Waste Management, P. O. Box 8471, Harrisburg, PA 17105-8471.*

#### Infectious and Chemotherapeutic Waste Transporter License Renewed

**Bio-Haz Solutions, Inc.**, P. O. Box 152, Lehighton, PA 18235. **License No. PA-HC 0191**. Effective April 10, 2001.

## AIR QUALITY

### OPERATING PERMITS

**General Plan Approval and Operating Permit Usage Authorized under the Air Pollution Control Act (35 P. S. §§ 4001—4015) and 25 Pa. Code Chapter 127 to construct, modify, reactivate or operate air contamination sources and associated air cleaning devices.**

*Southcentral Region: Air Quality Program, 909 Elmerton Avenue, Harrisburg, PA 17110, Ronald Davis, New Source Review Chief, (717) 705-4702.*

**38-05002: Alcoa Inc.** (3000 State Drive, Lebanon, PA 17042) authorized use of a general permit for the

construction/operation of a natural gas-fired boiler in South Lebanon Township, **Lebanon County**.

**Operating Permits Issued under the Air Pollution Control Act (35 P. S. §§ 4001—4015) and 25 Pa. Code Chapter 127, Subchapter F (relating to operating permit requirements).**

*Philadelphia Department of Public Health, Air Management Services: 321 University Ave., Philadelphia, PA 19104, Roger Fey, (215) 823-7584.*

**95-046: Northeast Water Pollution Control Plant** (3899 Richmond Street, Philadelphia, PA 19137) on April 2, 2001, for operation of a water treatment plant. The facility's air emission sources include liquid treatment processes, solids treatment processes, four 20-50 MMBTU/hr boilers, seven boilers <15 MMBTU/hr, four digester gas flares, and a cold degreaser in the City of Philadelphia, **Philadelphia County**.

**95-045: Southwest Water Pollution Control Plant/Biosolids Recycling Center** (8200 Enterprise Avenue, Philadelphia, PA 19153) on April 2, 2001, for operation of a water treatment plant. The facility's air emission sources include liquid treatment processes, solids treatment processes, Biosolids Recycling Center processes, three 20-50 MMBTU/hr boilers, four boilers, two furnaces, and a steam cleaner, each <15 MMBTU/hr, four digester gas flares, and two portable sandblast units in the City of Philadelphia, **Philadelphia County**.

### PLAN APPROVALS

**Plan Approvals Issued under the Air Pollution Control Act (35 P. S. §§ 4001—4015) and 25 Pa. Code Chapter 127, Subchapter B (relating to plan approval requirements).**

*Northeast Region: Air Quality Program, 2 Public Square, Wilkes-Barre, PA 18711-0790, Michael Safko, Acting New Source Review Chief, (570) 826-2531.*

**39-302-137B: Beatrice Group, Inc. (ConAgra Dairy Foods, 1002 MacArthur Road, Whitehall, PA 18052)** on April 3, 2001, for construction of two gas/oil fired boilers in Whitehall Township, **Lehigh County**.

**39-399-051: Allen Organ Co.** (150 Locust Street, P. O. Box 36, Macungie, PA 18062) on April 5, 2001, for construction of a vapor degreaser and associated air cleaning device in Macungie Borough, **Lehigh County**.

*Southcentral Region: Air Quality Program, 909 Elmerton Avenue, Harrisburg, PA 17110, Ronald Davis, New Source Review Chief, (717) 705-4702.*

**07-03038: Amerway, Inc.** (3701 Beale Avenue, Altoona, PA 16601) on April 2, 2001, for modification of a secondary tin/lead solder processing facility controlled by a dropout chamber and two fabric collectors located in Altoona City, **Blair County**.

**21-05042A: Pennsy Supply, Inc.** (P. O. Box 3331, Harrisburg, PA 17104-3331) on April 3, 2001, for the modification of a hot mix asphalt batch plant controlled by a knockout box fabric collector located at the Silver Spring Quarry in Silver Spring Township, **Cumberland County**. This source is subject to 40 CFR Part 60, Subpart I—Standards of Performance for Hot Mix Asphalt Facilities and 40 CFR Part 60, Subpart Kb—Standards of Performance for Volatile Organic Liquid Storage Vessels.

**38-05023A: Pennsy Supply, Inc.** (P. O. Box 3331, Harrisburg, PA 17105) on April 5, 2001, for the modifica-

tion of an asphalt plant controlled by a knockout box and fabric collector located at the Prescott Quarry in South Lebanon Township, **Lebanon County**. This source is subject to 40 CFR Part 60, Subpart I—Standards of Performance for Hot Mix Asphalt Facilities and 40 CFR Part 60, Subpart Kb—Standards of Performance for Volatile Organic Liquid Storage Vessels.

*Southwest Region: Air Quality Program, 400 Waterfront Drive, Pittsburgh, PA 15222-4745, William Charlton, New Source Review Chief, (412) 442-4174.*

**63-649E: Polycom Huntsman, Inc.** (90 West Chestnut Street, Washington, PA 15301) on March 30, 2001, for operation of Compounding and Extrusion Equipment at Donora Plant No. 1 in Donora Borough, **Washington County**.

*Northwest Region: Air Quality Program, 230 Chestnut Street, Meadville, PA 16335-3481, Devendra Verma, New Source Review Chief, (814) 332-6940.*

**24-083D: Carbone of America** (215 Stackpole Street, St. Marys, PA 15857) on March 29, 2001, for construction of carbon baking kilns in Benzinger Township, **Elk County**.

**25-952C: Bush Industries of PA, Inc.** (2455 Robison Road West, Erie, PA 16509) on March 27, 2001, for installation of a baghouse in Erie, **Erie County**.

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**Plan Approvals Extensions Issued under the Air Pollution Control Act (35 P. S. §§ 4001—4015) and 25 Pa. Code § 127.13 (relating to extensions).**

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*Southeast Region: Air Quality Program, Lee Park, Suite 6010, 555 North Lane, Conshohocken, PA 19428, Thomas McGinley, New Source Review Chief, (610) 832-6242.*

**09-0123: Better Materials Corp.** (262 Quarry Road, Ottsville, PA 18942) on April 2, 2001, for operation of a batch asphalt plant in Nockamixon Township, **Bucks County**.

**46-0169A: H & N Packaging, Inc.** (92 County Line Road, Colmar, PA 18915) on April 4, 2001, for operation of an ink room in Hatfield Township, **Montgomery County**.

**46-0063: Universal Packaging Corp.** (1196 Easton Road, Horsham, PA 19044) on April 5, 2001, for operation of a rotogravure printing press in Horsham Township, **Montgomery County**.

**09-320-049: Fres-Co Systems USA, Inc** (3005 State Road, Telford, PA 18969) on April 6, 2001, for operation of a flexographic press in West Rockhill Township, **Bucks County**.

*Southcentral Region: Air Quality Program, 909 Elmerton Avenue, Harrisburg, PA 17110, Ronald Davis, New Source Review Chief, (717) 705-4702.*

**01-03021: Agway, Inc. d/b/a Andgrow Fertilizer** (3150 Stoney Point Road, East Berlin, PA 17316) on January 18, 2001, to authorize temporary operation of a fertilizer mixing plant controlled by EV air systems and a fabric collector, covered under this Plan Approval until May 18, 2001, in Latimore Township, **Adams County**.

**36-03104: Lancaster Container, Inc.** (P. O. Box 18, Washington Boro, PA 17582) on March 30, 2001, to authorize temporary operation of a surface coating operation controlled by a water wash system, covered under this Plan Approval until July 28, 2001, in Manor Township, **Lancaster County**.

**36-05103A: Dana Corp.** (2919 Old Tree Drive, Lancaster, PA 17603) on April 1, 2001, to authorize temporary operation of a chassis paint spray booth utilizing manual electrostatic and airless atomized spraying controlled by an American Air Filter and a Research Products Dry Filter, covered under this Plan Approval until March 31, 2002, in East Hempfield Township, **Lancaster County**.

**67-317-033D: Starbucks Coffee Co.** (3000 Espresso Way, York, PA 17402) on April 2, 2001, to authorize temporary operation of two coffee roasters each controlled by a cyclone and a catalytic afterburner, covered under this Plan Approval until July 30, 2001, in East Manchester Township, **York County**.

*Northcentral Region: Air Quality Program, 208 West Third Street, Williamsport, PA 17701, Richard Maxwell, New Source Review Chief, (570) 327-3637.*

**08-318-027: Mill's Pride—Pennsylvania** (100 Lamoka Road, Sayre, PA 18840) on March 30, 2001, for operation of a wood kitchen cabinet door manufacturing and finishing operation on a temporary basis until July 28, 2001, in Athens Township, **Bradford County**.

**19-0004A: Williams Gas Pipeline—Transco** (2800 Post Oak Boulevard, Houston, TX 77251-1396) on April 3, 2001, to extend the expiration date of a plan approval for construction of two natural gas-fired turbines to November 1, 2002, at Station 517 in Jackson Township, **Columbia County**.

**49-305-008B: Shamokin Filler Co., Inc.** (Venn Access Road, Coal Township, PA 17866) on April 4, 2001, to extend the plan approval expiration date for construction of a fluidized bed coal/carbon pellet dryer and associated air cleaning device (a fabric collector) to September 30, 2002, in Coal Township, **Northumberland County**.

*Southwest Region: Air Quality Program, 400 Waterfront Drive, Pittsburgh, PA 15222-4745, William Charlton, New Source Review Chief, (412) 442-4174.*

**04-700A: Mansell Industrial Services** (1755 Pennsylvania Avenue, Monaca, PA 15061) on March 22, 2001, for operation of a rotary kiln dryer at Industry Plant in Industry Borough, **Beaver County**.

*Northwest Region: Air Quality Program, 230 Chestnut Street, Meadville, PA 16335-3481, Devendra Verma, New Source Review Chief, (814) 332-6940.*

**33-002B: Owens Brockway Glass Container** (Route 219, E & R Building, Brockway, PA 15824) on March 30, 2001, for a glass melting furnace in Snyder Township, **Jefferson County**.

**42-151A: Werzalit of America, Inc.** (40 Holly Avenue, P. O. Box 373, Bradford, PA 16701) on February 28, 2001, for a chipping drying process in Bradford, **McKean County**.

## MINING

### ACTIONS ON COAL AND NONCOAL MINING ACTIVITY APPLICATIONS

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**Actions on applications under the Surface Mining Conservation and Reclamation Act (52 P. S. §§ 1396.1—1396.31); the Noncoal Surface Mining Conservation and Reclamation Act (52 P. S. §§ 3301—3326); The Clean Streams Law (35 P. S. §§ 691.1—691.1001); the Coal Refuse Disposal Control Act (52 P. S. §§ 30.51—30.66); The Bituminous Mine Subsidence and Land Conservation Act (52 P. S. §§ 1406.1—1406.21). The final action on each**

application also constitutes action on the request for 401 Water Quality Certification. Mining activity permits issued in response to such applications will also address the application permitting requirements of the following statutes: the Air Quality Control Act (35 P. S. §§ 4001—4015); the Dam Safety and Encroachments Act (32 P. S. §§ 693.1—693.27); and the Solid Waste Management Act (35 P. S. §§ 6018.101—6018.1003.

#### Coal Permits Issued

*Pottsville District Mining Office: 5 West Laurel Boulevard, Pottsville, PA 17901-2454.*

**NPDES Permit #PA0224138. Stoudt's Ferry Preparation Company, Inc.** (P. O. Box 279, St. Clair, PA 17970) commencement, operation and restoration of the Auburn Basin Processing Plant operation authorized by Contract No. G91:18-101.1 in Landingville Borough, **Schuylkill County**, receiving stream—Schuylkill River. Permit issued April 2, 2001.

**54841303R3. Tito Coal** (118 Fairview Lane, Williamstown, PA 17098) renewal of an existing anthracite underground mine operation in Porter Township, **Schuylkill County** affecting 5.7 acres, receiving stream—none. Renewal issued April 2, 2001.

**54851325R3. B & B Anthracite Coal Company** (225 Main Street, Joliett, PA 17981) renewal of an existing anthracite underground mine operation in Tremont Township, **Schuylkill County** affecting 8.0 acres, receiving stream—Lorberry Creek. Renewal issued April 6, 2001.

**40793211R3. Jeddo-Highland Coal Company** (46 Public Square, Suite 600, Wilkes-Barre, PA 18701) renewal of an existing coal refuse reprocessing operation in Hazle Township, **Luzerne County** affecting 59.0 acres, receiving stream—none. Renewal issued April 6, 2001.

*Greensburg District Mining Office: Armbrust Building, R.R. 2 Box 603-C, Greensburg, PA 15601-0982.*

**03990107. Walter L. Houser Coal Co., Inc.** (R. R. 9, Box 434, Kittanning, PA 16201). Permit revision issued for commencement, operation and reclamation of a bituminous surface mine located in Washington & East Franklin Townships, **Armstrong County** affecting 125.6 acres. Receiving streams: unnamed tributaries of Limestone Run to Limestone Run to Allegheny River. Revision application received: November 3, 2000. Revision permit issued: April 3, 2001.

**03000106. P & N Coal Company, Inc.** (240 West Mahoning Street, P. O. Box 332, Punxsutawney, PA 15767). Permit issued for commencement, operation and reclamation of a bituminous surface mine located in Plumcreek Township, **Armstrong County** affecting 80.7 acres. Receiving stream: unnamed tributary to Cherry Run. Application received: September 18, 2000. Permit issued: April 4, 2001.

**65000201. Reichard Contracting, Inc.** (212 Olean Trail, New Bethlehem, PA 16242). Permit issued for commencement, operation, and reclamation of a bituminous surface mine/coal refuse reprocessing facility located in Sewickley Township, **Westmoreland County**, affecting 41.0 acres. Receiving streams: unnamed tributaries to Sewickley Creek to Sewickley Creek to Youghiogheny River. Application received: September 7, 2000. Permit issued: April 5, 2001.

**65900109. M.B. Energy, Inc.** (175 McKnight Road, Blairsville, PA 15717). Renewal permit issued for commencement, operation and reclamation of a bituminous

surface mine located in Salem Township, **Westmoreland County** affecting 99.8 acres. Receiving streams: two unnamed tributaries to Beaver Run. Renewal application received: January 5, 2001. Renewal permit issued: April 5, 2001.

*Cambria District Mining Office: 286 Industrial Park Road, Ebensburg, PA 15931.*

**32000109. Britt Energies, Inc.** (2450 Philadelphia Street, Indiana, PA 15701) commencement, operation and restoration of a bituminous surface-auger-sandstone removal mine in White Township, **Indiana County**, affecting 33.5 acres, receiving stream unnamed tributary to Yellow Creek and Yellow Creek. Application received November 7, 2000. Permit issued April 3, 2001.

**32000107. Kraynak Coal Company** (R. D. 1, Box 158, 3124 Firetower Road, Mahaffey, PA 15757) commencement, operation and restoration of a bituminous surface-auger mine in Grant Township, **Indiana County**, affecting 38.0 acres, receiving stream East Run to Little Mahoning Creek to Mahoning Creek to the Allegheny River. Application received August 25, 2000. Permit issued April 2, 2001.

**4077SM7. Permit Revision, New Enterprise Stone & Lime Company, Inc.** (P. O. Box 77, New Enterprise, PA 16664) to make changes to the mining and reclamation plan including highwall/pit lengths and depths, handling of overburden and waste material, and backfill configuration in Jenner Township, **Somerset County**, affecting 145.76 acres, receiving stream Roaring Run and Quemahoning Creek. Application received August 21, 2000. Issued April 4, 2001.

**11900106. Permit Renewal for reclamation only, Cloe Mining Company, Inc.** (P. O. Box I, Grampan, PA 16838) for continued restoration of a bituminous surface and auger mine in West Carroll and Barr Townships, **Cambria County**, affecting 196.5 acres, receiving stream Hoppel Run; an unnamed tributary to the West Branch Susquehanna River; and to the West Branch Susquehanna River. Application received March 8, 2001. Issued April 5, 2001.

*McMurray District Mining Office: 3913 Washington Road, McMurray, PA 15317.*

**56841610. Penn Pocahontas Coal Company** (P. O. Box 68, Boswell, PA 15531) to renew the permit for the Prep Plant #1 in Brothersvalley Township, **Somerset County** to renew the existing reclamation only permit for Prep Plant No. 1, no additional discharges. Permit issued March 19, 2001.

*Knox District Mining Office: White Memorial Building, P. O. Box 669, Knox, PA 16232-0669.*

**33940110. D. J. & W. Mining, Inc.** (P. O. Box 425, Indiana, PA 15701) Renewal of an existing bituminous strip operation in Oliver Township, **Jefferson County** affecting 16.5 acres. This renewal is issued for reclamation only. Receiving streams: unnamed tributary to Big Run. Application received: December 18, 2000. Permit Issued: April 3, 2001.

#### Noncoal Permits Issued

*Greensburg District Mining Office: Armbrust Building, R.R. 2 Box 603-C, Greensburg, PA 15601-0982.*

**65000801. John B. Neiderhiser, Inc.** (50 Stom Road, Ligonier, PA 15658). Permit issued for commencement, operation and reclamation to a small noncoal mine located in Cook Township, **Westmoreland County** affect-

ing 14.9 acres. Receiving stream: unnamed tributary to Four Mile Run. Application received: June 16, 2000. Permit issued: April 4, 2001.

*Cambria District Mining Office: 286 Industrial Park Road, Ebensburg, PA 15931.*

**32000301, Penn Run Quarry** (456 Weston Road, Penn Run, PA 15765) commencement, operation and restoration of a shale, sandstone & topsoil surface and crushing & screening mine in Cherryhill Township, **Indiana County**, affecting 42.0 acres, receiving stream unnamed tributary to Penn Run to Two Lick Creek to the Conemaugh River. Application received June 13, 2000. Issued April 4, 2001.

*Knox District Mining Office: White Memorial Building, P. O. Box 669, Knox, PA 16232-0669.*

**10960301, Quality Aggregates, Inc.** (200 Neville Road., Pittsburgh, PA 15225) Renewal of NPDES No. PA0227196, Marion Township, **Butler County**. Receiving streams: Unnamed tributaries to Blacks Creek and unnamed tributary to Slippery Rock Creek. February 15, 2001. Permit Issued: April 3, 2001.

## FEDERAL WATER POLLUTION CONTROL ACT SECTION 401

### WATER OBSTRUCTIONS AND ENCROACHMENTS

The Department of Environmental Protection has taken the following actions on previously received permit applications, requests for Environmental Assessment approval, and requests for Water Quality Certification under Section 401 of the Federal Water Pollution Control Act (FWPCA) (33 U.S.C.A. 1341(a)).

Any person aggrieved by this action may appeal, under section 4 of the Environmental Hearing Board Act (35 P. S. § 7514) and 2 Pa.C.S. §§ 501—508 and 701—704 (relating to the Administrative Agency Law), to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, P. O. Box 8457, Harrisburg, PA 17105-8457, (717) 787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, (800) 654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in Braille or on audiotape from the Secretary of the Board at (717) 787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

**Actions on applications filed under the Dam Safety and Encroachments Act (32 P. S. §§ 693.1—693.27) and section 302 of the Flood Plain Management Act (32 P. S. § 679.302) and The Clean Streams Law (35 P. S. §§ 691.1—691.702) and Notice of Final Action for Certification under Section 401 of the Federal Water Pollution Control Act (33 U.S.C.A. § 1341(a)).** (Note: Water Obstruction and Encroachment Permits issued for Small Projects do not include 401 Certification, unless specifically stated in the description.)

#### *Permits Issued and Actions on 401 Certifications:*

*Southeast Region: Water Management Program Manager, Lee Park, Suite 6010, 555 North Lane, Conshohocken, PA 19428.*

**E09-813, Qwest Communication Corporation**, 3265 Fulling Mill Road, Middletown, PA 17057, Bristol Township, **Bucks County**, ACOE Philadelphia District.

To install and maintain a fiber optic utility line across the Pennsylvania Canal (AKA Delaware Canal) consisting of three 2-inch HDPE conduits. The proposed method of construction is directional drilling. The site is located at the intersection of the Bristol Industrial Railroad tracks and the Delaware Canal (Bristol, PA Quadrangle, N: 21.5 inches; W: 13.1 inches).

**E23-404, Applied Card Systems, Inc.**, 800 Delaware Avenue, Wilmington, DE 19801, Concord Township, **Delaware County**, ACOE Philadelphia District.

To construct, operate, and maintain the following structures associated with a proposed commercial office facility:

1. 172 linear feet of 36 inch RCP stream enclosure across an unnamed tributary of West Branch of Chester Creek (TSF) and associated roadway approach fill in 0.37 acre of adjacent wetland (PSS), which include two 42-inch by 29-inch HERCP cross drains, endwalls and rip-rap apron associated with an access road which will provide access from S.R. 0001. This work will include the removal of 150 linear feet of existing 36-inch CMP stream enclosure and impact to 225 linear feet of watercourse.

2. 42 linear feet of an 8-feet by 3-feet culvert across an unnamed tributary of the West Branch of Chester Creek (TSF), roadway approach, endwalls, storm water outfall, and riprap apron associated with an access road from S.R. 0202.

3. 128 linear feet of 24-inch by 38-inch HERCP stream enclosure, associated endwalls, storm water inlets, and riprap apron along an unnamed tributary of the West Branch of Chester Creek (TSF), and 0.04 acre of adjacent wetland (PSS) associated with an access road from S.R. 0202.

The project also includes the extension of one outfall structure which qualifies for a waiver of permit requirements according to § 105.12(a)(2), and the installation and maintenance of a sanitary sewer utility crossing within the proposed road crossing noted in Item 1 which qualifies for General Permit No. 5. The site is located approximately 1,000 feet southeast of the intersection of Baltimore Pike (S.R. 0001) and Wilmington West Chester Pike (S.R. 0202) (West Chester, USGS Quadrangle, N: 0.50 inch, W: 5.70 inches). The permittee agrees to provide a minimum of 0.50 acre of replacement wetlands.

*Northeast Region: Water Management Program Manager, 2 Public Square, Wilkes-Barre, PA 18711-0790.*

**E66-124, Wyoming County, Wyoming County Courthouse**, 1 Courthouse Square, Tunkhannock, PA 18657, Lemon and Tunkhannock Townships, **Wyoming County**, Army Corps of Engineers Baltimore District.

Remove the existing structure, to place fill in a de minimis area of wetlands equal to 0.01 acre and to construct and maintain a two-span prestressed concrete adjacent box beam bridge, known as County Bridge No. 7 having normal spans of approximately 22.8 meters (74.8 feet) and a minimum underclearance of approximately 4.5 meters (14.6 feet) across Tunkhannock Creek. The project also includes the placement of a temporary stone causeway with five 2.44-meter (8-feet) diameter C.M.P. culverts to allow construction of the center pier. The project is located along Township Road T416, approximately 0.3 kilometer (0.2 mile) southeast of S.R. 0092 (Factoryville, PA Quadrangle N: 15.3 inches; W: 15.6 inches).

**E40-557. Pennsylvania Game Commission**, 2001 Elmerton Avenue, Harrisburg, PA 17011-9797, Ross and Lake Townships, **Luzerne County**, Army Corps of Engineers Baltimore District.

To remove the existing structures and to construct and maintain: (1) an open bottom steel box culvert, having a span of 25'-5" and an underclearance of approximately 8'-0" in Bowman Creek; (2) twin 66" x 51" CMP arch culverts depressed 6 inches below the stream bed in a tributary to Beth Run; (3) twin 24-inch diameter CMP culverts in a tributary to Beth Run and the following structures in Beth Run; (4) twin 77" x 52" CMP arch culverts depressed 6 inches below the stream bed at a point approximately 2,000 feet upstream from the confluence with Bowman Creek; (5) twin 77" x 52" CMP arch culverts depressed 6 inches below the stream bed at a point approximately 5,000 feet upstream from the confluence with Bowman Creek; and (6) twin 48-inch diameter CMP culverts approximately 9,000 feet upstream from the confluence with Bowman Creek. The purpose of the project is to provide access to the southern portion of S.G.L. No. 57 in order to perform tree salvage cutting. The project is generally located near the confluence of Bowman Creek and Beth Run (Sweet Valley, PA Quadrangle N: 18.7 inches; W: 4.8 inches).

**E39-394. Whitehall Township**, 3219 MacArthur Road, Whitehall, PA 18052, Whitehall Township, **Lehigh County**, Army Corps of Engineers Philadelphia District.

To repair and maintain the existing Robin Street Bridge across Spring Creek, with work including replacement of the concrete deck slab, repair of the concrete abutments and placement of riprap for scour protection. The structure has a span of 9.5 feet and an underclearance of 7.7 feet, and is located approximately 1,500 feet upstream of S.R. 0145 (Cementon, PA Quadrangle N: 13.1 inches; W: 3.9 inches).

*Southcentral Region: Water Management Program Manager, 909 Elmerton Avenue, Harrisburg, PA 17110.*

**E05-289. Londonderry Township**, R. D. 1 Box 215, Hyndman, PA 15545 in Londonderry Township, **Bedford County**, ACOE Baltimore District.

To (1) remove an existing two span steel I beam superstructure and cast in place abutments and pier and (2) construct and maintain a single span pre-stressed concrete spread box beam bridge with a clear span between abutments of 59.80 feet across Gladdens Run (HQ) at a point at T-669 (Cumberland, PA Quadrangle N: 21.8 inches; W: 0.5 inch). The amount of wetland impact is considered a de minimis impact of less than 0.05 acre and wetland mitigation is not required.

**E06-544. Washington Township**, Box 52, Barto, PA 19504 in Washington Township, **Berks County**, ACOE Philadelphia District.

To remove the existing structure and to construct and maintain a new bridge structure having a clear span of 22 feet with an underclearance of 5.5 feet across Swamp Creek (TSF) and to fill in 0.004 acre of de minimis wetland in order to improve the alignment of Heydt's Schoolhouse Road (T-884) located about 1.2 miles north of Bechtelsville Borough (Manatawny, PA Quadrangle N: 2.8 inches; W: 1.9 inches). The applicant is not required to replace the wetland impact because it is de minimis.

*Northcentral Region: Water Management Program Manager, 208 West Third Street, Williamsport, PA 17701, (570) 327-3636.*

**E17-355. PA Department of Transportation, Engineering District 2-0**, 1924-30 Daisy Street, P. O. Box 342, Clearfield, PA 16830. SR 3012 and SR 3019, Section A01, Bridge Replacement, in Coalport Borough, **Clearfield County**, ACOE Baltimore River Basin District (Irvona, PA Quadrangle N: 0.9 inches; W: 12.2 inches).

To removing two existing structures and to construct, operate and maintain two dual span prestressed spread box beam bridges to carry SR 3012 and SR 3019, Sections A01 across Clearfield Creek. The two span SR 3012, Section A01 bridge shall be constructed with a total clear span of 116.4-feet, underclearance of 19.7-feet, and skew of 76-degrees. The two span SR 3019, Section A01, bridge shall be constructed with a total clear span of 123.6-feet, underclearance of 22.9-feet, and skew of 90-degrees. The construction of SR 3019 requires channel modifications that shall be limited to a length of 25-feet. The project is located along the western right-of-way of SR 0053 approximately 1000-feet west of the intersections of SR 3012 and SR 3019 with SR0053. This permit also authorizes the construction, operation, maintenance, and removal of temporary stream diversions for bridge pier/abutment construction. All construction material for the temporary diversions shall be free of silts and fines. Removal of the temporary diversions shall include the restoration of Clearfield Creek to its original stream geometry and profile.

**E49-241. Frank and Betty Bebenek**, 53 Valley Street, Elysburg, PA 17824. Fill in Floodway, in Shamokin Township, **Northumberland County**, ACOE Baltimore District (Shamokin, PA Quadrangle N: 17.75; W: 11.85 inches).

To place fill which will be graded and vegetated in the floodway of Shamokin Creek on the west side of Route 487 approximately 800 feet northeast of the intersection of Route 487 with Route 61 in Shamokin Township, Northumberland County. This permit was issued under section 105.13(e) Small Projects.

**E60-148. Penn Seiple**, 920 East Drive, Sunbury, PA 17801. Floodway fill, in Limestone Township, **Union County**, ACOE Susquehanna River Basin District (Middleburg, PA Quadrangle N: 22.5 inches; W: 9.25 inches).

To construct and maintain a 14' x 20' enclosed concrete floor storage shed, an 8' x 16' enclosed concrete floor mechanical equipment room and a 4' x 12' porch and associated stairs located along Penn's Creek in Limestone Township, Union County. This permit was issued under section 105.13(e) Small Projects.

*Southwest Region: Water Management Program Manager, 400 Waterfront Drive, Pittsburgh, PA 15222-4745.*

**E02-1321. Route 8 Self Storage**, 5301 Pioneer Road, Gibsonia, PA 15044. Hampton Township, **Allegheny County**, ACOE Pittsburgh District.

To place and maintain fill in a de minimis wetland (PEM) in the Crouse Run watershed for the purpose of improving parking at an existing self storage facility. The project is located on the west side of North Pioneer Drive approximately 600 feet north of its intersection with West Hardies Road (Glenshaw, PA Quadrangle N: 20.9 inches; W: 10.4 inches).

**E02-1323. Rock Airport of Pittsburgh, LLC**, 1885 Main Street, Pittsburgh, PA 15215. West Deer Township, **Allegheny County**, ACOE Pittsburgh District.



To construct and maintain a 66 inch stream enclosure for a distance of 1,140 feet in a tributary to Little Deer Creek (TSF), to construct and maintain a grouted R-5 riprap channel for a distance of approximately 100 feet on the upstream end of the culvert and approximately 26 feet on the downstream end of the culvert and to place and maintain fill in 0.26 acre of wetlands (PEM/PSS) for the purpose of constructing the Rockpointe Business Park. The project is located at the Rock Airport of Pittsburgh, formerly known as the West Penn Airport in West Deer Township, Allegheny County. The wetland replacement requirements have been met by a payment to the wetland replacement fund (New Kensington West, PA Quadrangle N: 19.1 inches; W: 10.4 inches)

**E26-276. Township of Connellsville**, 166 McCoy Hollow Road, Connellsville, PA 15425. Connellsville Township, **Fayette County**, ACOE Pittsburgh District.

To remove the temporary structure and the abutments and to construct and maintain a 30-foot long, 10.7 feet by 6.9-foot corrugated steel arch pipe culvert in Connell Run (WWF) located on Hosfelt Road at a point approximately 500 feet west of McCoy Road. The invert of the culvert shall be depressed 1 foot below the existing streambed (Connellsville, PA Quadrangle N: 2.74 inches; W: 10.02 inches)

**E56-301. Pennsylvania Turnpike Commission, Engineering Department**, P. O. Box 67676, Harrisburg, PA 17106-7676. Somerset Township, **Somerset County**, ACOE Pittsburgh District.

To widen and maintain an existing reinforced concrete deck, slab structure (B-320) 14.1 feet upstream, increase and maintain the underclearance at 5.4 feet and maintain the normal span at 22.3 feet over Glades Creek (CWF). Also to place and maintain fill within the 100-year floodplain of the unnamed tributary to Glades Creek (CWF), to permanently place and maintain fill in 0.28 acre of PEM wetlands and temporarily place and maintain fill in 0.02 acre of PEM wetlands. To relocate and maintain approximately 150 lineal feet of an unnamed tributary to Glades Creek for the purpose of widening of I-76 between Stations 189+380 to 189+420. The project is located on Township Road 513 where it crosses the Pennsylvania Turnpike at Milepost 117.7. The wetland impacts have been replaced at the Louie-Beach Wetland Bank in Somerset Township, Somerset County (Berlin, PA Quadrangle N: 19.5 inches; W: 10.3 inches).

**E63-502. Pennsylvania Department of Transportation, Engineering District 12-0**, P. O. Box 459, Uniontown, PA 15401. Amwell and North Bethlehem Townships, **Washington County**, ACOE Pittsburgh District.

To remove the existing structure and to construct and maintain a single cell box culvert having a span of 14.5 feet and height of 4 feet in Brush Run (TSF). The culvert invert will be placed 1 foot below the streambed resulting in a 3 feet underclearance. The project is located on S.R. 2005 approximately 1.5 miles south of its intersection with S.R. 0040 (Segment 0140, Offset 1036) (Amity, PA Quadrangle N: 19.3 inches; W: 3.9 inches).

*Northwest Region: Water Management Program Manager, 230 Chestnut Street, Meadville, PA 16335-3481.*

**E20-491, Allegheny Highlands Pulling Association, Inc.**, 3208 Old Route 322, Cochranon, PA 16314. AHPA Poker Run Trails, in East Fairfield, Fairfield and Wayne Townships, **Crawford County**, ACOE Pittsburgh District

To construct and maintain bridges and culverts across various streams and any adjoining wetland areas for use by ATVs and motorcycles on trails associated with the annual Poker Run event.

**E25-626. PA Department of Transportation, District 1-0**, 255 Elm Street, Oil City, PA 16301. Erie East Side Access Highway, S.R. 4034, Section A90, in Harborcreek Township, **Erie County**, ACOE Pittsburgh District.

To fill a total of 2.31 acres of wetland (1.06 acres PEM, 0.18 PSS and 1.07 acres PFO) and to modify and maintain an existing stream enclosure system in a tributary to Fourmile Creek (WWF; MF) having a total proposed length of approximately 800 feet at the intersection of Station Road and Jordan Road associated with construction of the Erie East Side Access Highway, S.R. 4034, Section A90 extending northwest from the I-90 interchange (Hammett, PA Quadrangle N: 21.1 inches; W: 12.0 inches) to the eastern side of Wintergreen Gorge (Hammett, PA Quadrangle N: 22.4 inches; W: 16.2 inches), a distance of approximately 1.6 miles. Project includes creation of a total of 4.91 acres of replacement wetlands (including 2.6 acres for impacts associated with other portions of the East Side Access Highway) and permanent preservation of 13.24 acres of existing wetlands along S.R. 4034, Section A90 and near Penn State Erie—The Behrend College campus.

**E33-200, McCalmont Township**, McCalmont Township Municipal Building, Anita, PA 15711. T-506 Across Turnip Run, in McCalmont Township, **Jefferson County**, ACOE Pittsburgh District (Reynoldsville, PA Quadrangle N: 3.35 inches; W: 5.3 inches).

To remove the existing culvert and to install and maintain twin 48-inch diameter culverts in Turnip Run on T-506 approximately 2 miles south of the Village of Wishaw.

**E33-201, Borough of Brookville**, Two Jefferson Court, Brookville, PA 15825. Aulenbaugh Run Flood Protection Project, in Brookville Borough, **Jefferson County**, ACOE Pittsburgh District (Brookville, PA Quadrangle N: 6.5 inches; W: 9.5 inches).

To construct and maintain four metal trash racks in a tributary to North Fork Creek (Aulenbaugh Run) between Short Street and S.R. 968.

**E42-274, Charles R. Ricards**, P. O. Box 350006, Fort Lauderdale, FL 33335-0006. Ricards Bridge Across Sinnemahoning Portage Creek, in Norwich Township, **McKean County**, ACOE Baltimore District (Keating Summit, PA Quadrangle N: 1.2 inches; W: 12.5 inches).

To construct and maintain a bridge having a clear span of 25 feet and an underclearance of 2.5 feet across Sinnemahoning Portage Creek (CWF) on a private driveway extending east from Gardeau Road (T-470) approximately 3.75 miles south of S.R. 155 at Keating Summit. Project includes impact to a de minimis area of wetlands (0.025 acre) adjacent to Sinnemahoning Portage Creek from roadway approach fill.

**E43-291, Allegheny Highlands Pulling Association, Inc.**, 3208 Old Route 322, Cochranon, PA 16314. AHPA Poker Run Trails, in French Creek Township, **Mercer County**, ACOE Pittsburgh District.

To construct and maintain bridges and culverts across various streams and any adjoining wetland areas for use by ATVs and motorcycles on trails associated with the annual Poker Run event.



**E61-237, PA Department of Transportation, District 1-0**, 255 Elm Street, Oil City, PA 16323. S.R. 3025 Section SPA Segment 0110 Offset 2994 Across Tributary to Allegheny River, in Cranberry Township, **Venango County**, ACOE Pittsburgh District (Oil City, PA Quad-range N: 4.68 inches; W: 14.43 inches).

To place concrete paving 1.0 foot below the existing stream bed and maintain the reinforced concrete slab bridge having a span of 15 feet and an underclearance of 6.83 feet across a tributary to the Allegheny River (Deep Hollow Run) on S.R. 3025 Section SPA Segment 0110 Offset 2994 southwest of Oil City.

**E61-238, Allegheny Highlands Pulling Association, Inc.**, 3208 Old Route 322, Cochranon, PA 16314. AHPA Poker Run Trails, in Canal and Jackson Townships, **Venango County**, ACOE Pittsburgh District.

To construct and maintain bridges and culverts across various streams and any adjoining wetland areas for use by ATVs and motorcycles on trails associated with the annual Poker Run event.

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## SPECIAL NOTICES

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### Availability of Grants for the Remediation of Waste Tire Piles under the Waste Tire Remediation Grant Program for Municipalities for Fiscal Year 2001/2002

The Department of Environmental Protection (Department) hereby announces the availability of grants through the Waste Tire Recycling Act of 1996 (Act 190) for fiscal year 2001/2002 for the remediation of waste tire piles in this Commonwealth. The Waste Tire Remediation Grant Program for Municipalities provides a grant program, funded through the general fund. The grants are limited to only those municipalities having a waste tire pile containing 5,000 or more waste tires.

Only municipalities are eligible to participate and receive funding. To be considered for a grant, a municipality: 1) must propose to remediate a waste tire pile on the Department's list of priority waste tire piles or piles containing 5,000 or greater waste tires; 2) must not have contributed, in any manner, to the creation of a non-compliant waste tire pile; and 3) must have an identifiable end-use for the remediated waste tires.

Grant funds are intended for activities directly related to the remediation of waste tire piles (such as employee wages, operation of equipment, transportation, processing costs and the like). Grants may not be used for the purchase of equipment and grant recipients shall use the funds only for those activities approved by the Department.

All applicants must complete and submit an official two-part application for each proposed tire pile remediation. The Waste Tire Remediation Grant Application Parts A and B includes all the materials and instructions necessary for applying for a grant. Copies of these documents are available by contacting the Division of Municipal and Residual Waste at (717) 787-7381, or may be obtained electronically from the Department's Internet site at: <http://www.dep.state.pa.us> (type "tires" in directLINK). Six copies of the application containing both Parts A and B must be completed and submitted by 4 p.m. on June 15, 2001, to: Department of Environmental Protection, Division of Municipal and Residual Waste, 14<sup>th</sup> Floor-Rachel Carson State Office Building, 400 Market Street, P. O. Box 8472, Harrisburg, PA 17105-8472.

Applications that are incomplete or arrive after the deadline will not be considered.

At a minimum, all applications must contain: 1) a description of the applicant's or their contractor's experience in waste tire remediation, 2) markets or end-uses for the remediated tires, 3) a schedule for the remediation of tires at the site, 4) proposed cost of the waste tire pile remediation, and 5) any additional information the Department deems necessary. Follow the instructions in Part A and B Grant Application to assure that all of the necessary information is submitted in the correct format.

Persons who have any questions about this grant program should contact the Division of Municipal and Residual Waste at (717) 787-7381.

### BUREAU OF DEEP MINE SAFETY

#### Request for Variance

The Department of Environmental Protection, Bureau of Deep Mine Safety (BDMS), has received a request for variance from Eighty Four Mining Company. The following notification contains a summary of this request. A complete copy of the variance request may be obtained from Allison Gaida by calling (724) 439-7469, or from the BDMS website at <http://www.dep.state.pa.us/dep/deputate/minres/dms/dms.htm>.

The Department is publishing a summary of the request in order to solicit comments from affected parties on the proposed variance request. Comments may be used by the Bureau to assist in its investigation of the variance request. Comments will be accepted for 30 days following the publication of this notice. All comments should be addressed to: Richard E. Stickler, Director, Bureau of Deep Mine Safety, Fayette County Health Center, 100 New Salem Road, Room 167, Uniontown, PA 15401

Section 702 of the Pennsylvania Bituminous Coal Mine Act (Act) (52 P. S. §§ 701—702) provides a mechanism for operators to obtain variances from specific requirements of the Act to accommodate the adoption of new machinery, equipment, tools, supplies, methods or processes.

Section 228(a) of the Act, states that "No person shall enter the mine until the mine examiners return to the mine office on the surface, or to a station located in the intake entry of the mine (where a record book as provided for in this section shall be kept in a fire-proof vault and signed by the person making the examination), and report to the mine foreman or the assistant mine foreman, by telephone or otherwise, and a written report made thereof by the person receiving the report, that the mine is in safe condition for the men to enter. When a station is located in any mine, it shall be the duty of the mine examiners to sign also the report entered in the record book in the mine office on the surface."

*Summary of the Request:* Eighty Four Mining Company requests a variance to allow Mine 84 to maintain two records of each examination that is called out to a portal the examiner is not exiting from. One record will be maintained as called out at one portal and a second matching record signed by the certified examiner and maintained where they exit the coal mine. This request is only for completed records for persons called out to one portal and exiting at a second portal.

#### Approval of Request for Variance

The Department of Environmental Protection, Bureau of Deep Mine Safety (BDMS) has approved Rosebud Mining Company's request for a variance from the requirements of section 242(c) of the Pennsylvania Bitumi-

nous Coal Mine Act (Act) (52 P. S. §§ 701—702) at the Twin Rocks Mine. This notification contains a summary of this request and the basis for the Department's approval. A complete copy of the variance request may be obtained from Allison Gaida by calling (724) 439-7469 or from the BDMS website at <http://www.dep.state.pa.us/dep/deputate/minres/dms/dms.htm>.

*Summary of the Request:* Rosebud Mining Company requested a variance from section 242(c) of the Act to allow for the common ventilation of belt conveyor entry with other entries at the Twin Rocks Mine. The proposal accords protections to persons and property substantially equal to or greater than the requirements of section 242(c).

The basis for the Bureau's approval is summarized as follows:

1. Twin Rock's plan provides for an advanced fire detection and control system consisting of carbon monoxide (CO) monitors, thermal detectors, and a fire suppression system.
2. Twin Rock's plan provides a separate intake escapeway that will be isolated from the belt conveyor entries. The isolated intake escapeway will be maintained at a higher ventilation pressure than the belt and common entries.

3. Twin Rock's plan provides for the belt and common entries to serve as an alternate intake escapeway.

4. There are significant health and safety benefits associated with allowing entries in common with the belt entry. Safer access is provided to workers performing repair and maintenance work in the belt entry. Improved visual safety inspections are facilitated by open crosscuts.

This approval is limited to a variance from the requirements in section 242(c) of the Act requiring that the belt entry is isolated from other entries. All other terms and requirements of section 242(c) shall remain in effect. This approval applies to all areas developed after May 20, 1998. Continued authorization for operation under the approval is contingent upon compliance with the measures described in Twin Rock's plan and the following conditions:

1. Operation, maintenance and calibration of the Model LTPA-98 Point CO Monitor System shall comply with the manufacturer's specifications and DEP equipment approval number BOTE 1712-98.

2. At all times, Rosebud Mining Company shall comply with the requirements of the Mine Safety and Health Administration's (MSHA) approved Fire Fighting and Evacuation Plan.

3. Notification of DEP District Mine Inspector when the point CO monitor system has been installed.

[Pa.B. Doc. No. 01-686. Filed for public inspection April 20, 2001, 9:00 a.m.]

### Availability of Technical Guidance

Technical guidance documents are on DEP's website ([www.dep.state.pa.us](http://www.dep.state.pa.us)) at the public participation center. The "March 2001 Inventory" heading is the governor's list of nonregulatory guidance documents. The "Final Documents" heading is the link to a menu of the various DEP bureaus and from there to each bureau's final technical

guidance documents. The "Draft Technical Guidance" heading is the link to DEP's draft technical guidance documents.

DEP will continue to revise its nonregulatory documents, as necessary, throughout 2001.

#### *Ordering Paper Copies of DEP Technical Guidance*

DEP encourages the use of the Internet to view guidance documents. When this option is not available, persons can order a bound paper copy of the latest inventory or an unbound paper copy of any of the final documents listed on the inventory by calling DEP at (717) 783-8727.

In addition, bound copies of some of DEP's documents are available as DEP publications. Please check with the appropriate bureau for more information about the availability of a particular document as a publication.

#### *Changes to Technical Guidance Documents*

Below is the current list of recent changes. Persons who have any questions or comments about a particular document should call the contact person whose name and phone number is listed with each document. Persons who have questions or comments in general should call Joe Sieber at (717) 783-8727.

#### *Correction Notice*

In the April 7, 2001, *Pennsylvania Bulletin*, a notice announced the availability of a draft technical guidance (substantive revision) document, but failed to include the document's new title. As a result, please see the corrected version of the announcement:

#### *Draft Technical Guidance—Substantive Revision*

DEP ID: 362-0300-002 Title: *Guidelines for Design, Installation and Operation of Small Flow Treatment Facilities* Description: This revised guidance applies to the siting, design and construction of small flow sewage treatment facilities (individual or community sewage treatment facilities proposed to treat 2,000 gpd or less) proposed under the requirements of § 71.64. The revisions provide for new options and consideration of additional system components that were unavailable in the original guidance document. Note, this guidance was previously titled "Small Flow Sewage Treatment Facility Manual." Anticipated Effective Date: June 1, 2001, Comment Period Ends: May 7, 2001, Contact: Karen Fenchak at (717) 787-8184.

#### *Interim Technical Guidance*

DEP ID: 550-2500-001 Title: *Interim Guidance for Attachments to Electronic Submissions* Description: The Department is implementing a web-based application and reporting tool to be used by applicants for permits and reporting required by permits or other regulatory requirements. The Oil and Gas Management Bureau was the first to develop an electronic permit application process. While the Department is developing standards for electronic attachments, which are based on the experiences of the Oil and Gas electronic permitting project, the Bureau must provide guidance to applicants and review staff on what is currently acceptable. This document is to provide guidance to oil and gas operators submitting permit applications via the electronic web process and for Program staff in their review of electronic applications, which meet Oil and Gas Program requirements. This guidance provides that information and is to be used by Program staff until Department-wide guidance is available, which may supersede this guidance. Effective Date: Effective immediately, with 30-day comment period pro-

vided. Comment Period Ends: May 21, 2001, Contact: David English at (717) 772-2199.

DAVID E. HESS,  
*Acting Secretary*

[Pa.B. Doc. No. 01-687. Filed for public inspection April 20, 2001, 9:00 a.m.]

## DEPARTMENT OF HEALTH

### Request for Exception; Long-Term Care Nursing Facility

The following long-term care nursing facility is seeking an exception to 28 Pa. Code § 201.2 (CFR 205.6(a)) (relating to function of building):

ManorCare Health Services—Mercy Fitzgerald  
600 South Wyncombe Avenue  
Yeadon, PA 19050  
Facility ID 074902

The request is on file with the Department. Persons may receive a copy of a request for exception by requesting a copy from:

Division of Nursing Care Facilities, Room 526, Health and Welfare Building, Harrisburg, PA 17120, (717) 787-1816, fax: (717) 772-2163, e-mail address: PAEXCEPT@HEALTH.STATE.PA.US.

Those persons who wish to comment on an exception request may do so by sending a letter by mail, e-mail or facsimile to the division and address listed above.

Comments received by the Department within 15 days after the date of publication of this notice will be reviewed by the Department before it decides whether to approve or disapprove the request for exception.

Persons with a disability who wish to obtain a copy of the request and/or provide comments to the Department and require an auxiliary aide service or other accommodation to do so, should contact V/TT: (717) 783-6514 for speech and/or hearing impaired persons or the Pennsylvania AT&T Relay Service at (800) 654-5984 [TT].

ROBERT S. ZIMMERMAN, Jr.  
*Secretary*

[Pa.B. Doc. No. 01-688. Filed for public inspection April 20, 2001, 9:00 a.m.]

### Requests for Exceptions; Long-Term Care Nursing Facilities

The following long-term care nursing facilities are seeking an exception to 28 Pa. Code § 205.6(a) (relating to function of building):

ManorCare Health Services—Sunbury  
800 Court Street Circle Drive  
Sunbury, PA 17801

Woodhaven Care Center  
2400 McGinley Road  
Monroeville, PA 15146

ManorCare Health Services—Lancaster  
100 Abbeyville Road  
Lancaster, PA 17603

The following long-term care nursing facility is seeking an exception to 28 Pa. Code § 205.9(a) (relating to corridors):

St. Mary's Home of Erie  
607 East 26th Street  
Erie, PA 16504

These requests are on file with the Department. Persons may receive a copy of a request for exception by requesting a copy from Division of Nursing Care Facilities, Room 526, Health and Welfare Building, Harrisburg, PA 17120, (717) 787-1816, fax: (717) 772-2163, e-mail address: PAEXCEPT@HEALTH.STATE.PA.US.

Those persons who wish to comment on an exception request may do so by sending a letter by mail, e-mail or facsimile to the division and address previously listed.

Comments received by the Department within 15 days after the date of publication of this notice will be reviewed by the Department before it decides whether to approve or disapprove the request for exception.

Persons with a disability who wish to obtain a copy of a request and/or provide comments to the Department and require an auxiliary aid service or other accommodation to do so, should contact V/TT: (717) 783-6514 for speech and/or hearing impaired persons or the Pennsylvania AT&T Relay Service at (800) 654-5984 [TT].

ROBERT S. ZIMMERMAN, Jr.,  
*Secretary*

[Pa.B. Doc. No. 01-689. Filed for public inspection April 20, 2001, 9:00 a.m.]

## DEPARTMENT OF LABOR AND INDUSTRY

### Current Prevailing Wage Act Debarments

The contractors referenced below have been determined to have intentionally violated the Pennsylvania Prevailing Wage Act (act) (43 P. S. §§ 165-1—165-17). This notice is published for the information and convenience of public bodies subject to the act. Under section 11(e) of the act (43 P. S. § 165-11(e)), these firms or persons, or any firms, corporations or partnerships in which such firms or persons have an interest, shall be awarded no contract for 3 years after the date listed.

<i>Contractor</i>	<i>Address</i>	<i>Debarment</i>
Lee Dial, Inc., (Fed. E.R. Tax I.D. No. 23-2873962), a/k/a Lee Dial Contractors (Fed. E.R. Tax I.D. No. 25-1731565), and Lee Dial Construction and Lee Dial, individually	538 East Penn Avenue Cleona, PA 17042	April 3, 2001
John Sadowsky, individually and d/b/a John Sadowsky Drywall	100 Ckrasi T-8 West Mifflin, PA 15122	April 4, 2001

JOHNNY J. BUTLER,  
*Secretary*

[Pa.B. Doc. No. 01-690. Filed for public inspection April 20, 2001, 9:00 a.m.]

# DEPARTMENT OF PUBLIC WELFARE

## Additional Class of Disproportionate Share Payments; Final Public Notice

The purpose of this announcement is to provide final public notice of the Department of Public Welfare's (Department) establishment of an additional class of disproportionate share (DSH) payment for certain qualifying hospitals.

The Department published a notice at 30 Pa.B. 6013 (November 18, 2000). This notice detailed an additional class of DSH payments for certain hospitals, which the Department has determined advance the Department's goal of enhanced access to multiple types of medical care in economically distressed areas of this Commonwealth. The Department received two comments in response to the public notice. The Department has duly considered the comments received and following extensive review of the issues, the Department has decided to implement the additional class of DSH as originally proposed. The Department has responded directly to those who filed comments.

This additional class of DSH payments is effective January 1, 2001.

FEATHER O. HOUSTOUN,  
*Secretary*

**Fiscal Note:** 14-NOT-282. (1) General Fund; (2) Implementing Year 2000-01 is \$5.862 million; (3) 1st Succeeding Year 2001-02 is \$5.862 million; 2nd Succeeding Year 2002-03 is \$5.862 million; 3rd Succeeding Year 2003-04 is \$5.862 million; 4th Succeeding Year 2004-05 is \$5.862 million; 5th Succeeding Year 2005-06 is \$5.862 million; (4) 1999-00 Program—\$392.528 million; 1998-99 Program—\$453.594 million; 1997-98 Program—\$428.079 million; (7) Medical Assistance-Inpatient; (8) recommends adoption. Funds are included in the budget for this purpose.

[Pa.B. Doc. No. 01-691. Filed for public inspection April 20, 2001, 9:00 a.m.]

# DEPARTMENT OF REVENUE

## Pennsylvania Cash Splash Doubler Instant Lottery Game

Under the State Lottery Law (72 P.S. §§ 3761-101—3761-314), and 61 Pa. Code § 819.203 (relating to notice of instant game rules), the Secretary of Revenue hereby provides public notice of the rules for the following instant lottery game:

1. *Name:* The name of the game is Pennsylvania Cash Splash Doubler.

2. *Price:* The price of a Pennsylvania Cash Splash Doubler instant lottery game ticket is \$1.00.

3. *Play Symbols:* Each Pennsylvania Cash Splash Doubler instant lottery game ticket will contain one play area. The play symbols and their captions located in the play area are: \$1<sup>.00</sup> (ONE DOL), \$2<sup>.00</sup> (TWO DOL), \$4<sup>.00</sup> (FOR DOL), \$5<sup>.00</sup> (FIV DOL), \$8<sup>.00</sup> (EGT DOL), \$10<sup>.00</sup>

(TEN DOL), \$20\$ (TWENTY), \$40\$ (FORTY), \$80\$ (EIGHTY), \$500 (FIV HUN), \$5,000 (FIV THO) and a Sun Symbol (SUN).

4. *Prizes:* The prizes that can be won in this game are \$1, \$2, \$4, \$5, \$8, \$10, \$20, \$40, \$80, \$500 and \$5,000.

5. *Approximate Number of Tickets Printed For the Game:* Approximately 12,000,000 tickets will be printed for the Pennsylvania Cash Splash Doubler instant lottery game.

6. *Determination of Prize Winners:*

(a) Holders of tickets with three matching play symbols of \$5,000 (FIV THO) in the play area on a single ticket, shall be entitled to a prize of \$5,000.

(b) Holders of tickets with three matching play symbols of \$500 (FIV HUN) in the play area on a single ticket, shall be entitled to a prize of \$500.

(c) Holders of tickets with three matching play symbols of \$80\$ (EIGHTY) in the play area on a single ticket, shall be entitled to a prize of \$80.

(d) Holders of tickets with two matching play symbols of \$40\$ (FORTY) and a Sun Symbol (SUN) play symbol in the play area on a single ticket, shall be entitled to a prize of \$80.

(e) Holders of tickets with three matching play symbols of \$40\$ (FORTY) in the play area on a single ticket, shall be entitled to a prize of \$40.

(f) Holders of tickets with two matching play symbols of \$20\$ (TWENTY) and a Sun Symbol (SUN) play symbol in the play area on a single ticket, shall be entitled to a prize of \$40.

(g) Holders of tickets with three matching play symbols of \$20\$ (TWENTY) in the play area on a single ticket, shall be entitled to a prize of \$20.

(h) Holders of tickets with two matching play symbols of \$10<sup>.00</sup> (TEN DOL) and a Sun Symbol (SUN) play symbol in the play area on a single ticket, shall be entitled to a prize of \$20.

(i) Holders of tickets with three matching play symbols of \$10<sup>.00</sup> (TEN DOL) in the play area on a single ticket, shall be entitled to a prize of \$10.

(j) Holders of tickets with two matching play symbols of \$5<sup>.00</sup> (FIV DOL) and a Sun Symbol (SUN) play symbol in the play area on a single ticket, shall be entitled to a prize of \$10.

(k) Holders of tickets with three matching play symbols of \$8<sup>.00</sup> (EGT DOL) in the play area on a single ticket, shall be entitled to a prize of \$8.

(l) Holders of tickets with two matching play symbols of \$4<sup>.00</sup> (FOR DOL) and a Sun Symbol (SUN) play symbol in the play area on a single ticket, shall be entitled to a prize of \$8.

(m) Holders of tickets with three matching play symbols of \$5<sup>.00</sup> (FIV DOL) in the play area on a single ticket, shall be entitled to a prize of \$5.

(n) Holders of tickets with three matching play symbols of \$4<sup>.00</sup> (FOR DOL) in the play area on a single ticket, shall be entitled to a prize of \$4.

(o) Holders of tickets with two matching play symbols of \$2<sup>.00</sup> (TWO DOL) and a Sun Symbol (SUN) play symbol in the play area on a single ticket, shall be entitled to a prize of \$4.

(p) Holders of tickets with three matching play symbols of \$2.<sup>00</sup> (TWO DOL) in the play area on a single ticket, shall be entitled to a prize of \$2.

(q) Holders of tickets with two matching play symbols of \$1.<sup>00</sup> (ONE DOL) and a Sun Symbol (SUN) play symbol in the play area on a single ticket, shall be entitled to a prize of \$2.

<i>Get</i>	<i>Win</i>	<i>Approximate Odds</i>	<i>Approximate No. of Winners Per 12,000,000 Tickets</i>
3-\$1	\$1	1:8.82	1,360,000
2-\$1 + SUN	\$2	1:18.75	640,000
3-\$2	\$2	1:50	240,000
2-\$2 + SUN	\$4	1:50	240,000
3-\$4	\$4	1:150	80,000
3-\$5	\$5	1:150	80,000
2-\$4 + SUN	\$8	1:200	60,000
3-\$8	\$8	1:600	20,000
2-\$5 + SUN	\$10	1:150	80,000
3-\$10	\$10	1:600	20,000
2-\$10 + SUN	\$20	1:1,500	8,000
3-\$20	\$20	1:1,500	8,000
2-\$20 + SUN	\$40	1:3,000	4,000
3-\$40	\$40	1:9,600	1,250
2-\$40 + SUN	\$80	1:12,000	1,000
3-\$80	\$80	1:24,000	500
3-\$500	\$500	1:120,000	100
3-\$5,000	\$5,000	1:1,000,000	12

SUN = Win double the prize shown

8. *Retailer Incentive Awards:* The Lottery may conduct a separate Retailer Incentive Game for retailers who sell Pennsylvania Cash Splash Doubler instant lottery game tickets. The conduct of the game will be governed by 61 Pa. Code § 819.222 (relating to retailer bonuses and incentives).

9. *Unclaimed Prize Money:* For a period of 1 year from the announced close of Pennsylvania Cash Splash Doubler, prize money from winning Pennsylvania Cash Splash Doubler instant lottery game tickets will be retained by the Secretary for payment to the persons entitled thereto. If no claim is made within 1 year of the announced close of the Pennsylvania Cash Splash Doubler instant lottery game, the right of a ticket holder to claim the prize represented by the ticket, if any, will expire and the prize money will be paid into the State Lottery Fund and used for purposes provided for by statute.

10. *Governing Law:* In purchasing a ticket, the customer agrees to comply with and abide by the State Lottery Law (72 P. S. §§ 3761-101—3761-314), the regulations contained in 61 Pa. Code Part V (relating to State Lotteries) and the provisions contained in this notice.

11. *Termination of the Game:* The Secretary may announce a termination date, after which no further tickets from this game may be sold. The announcement will be disseminated through media used to advertise or promote Pennsylvania Cash Splash Doubler or through normal communications methods.

LARRY P. WILLIAMS,  
Secretary

[Pa.B. Doc. No. 01-692. Filed for public inspection April 20, 2001, 9:00 a.m.]

(r) Holders of tickets with three matching play symbols of \$1.<sup>00</sup> (ONE DOL) in the play area on a single ticket, shall be entitled to a prize of \$1.

7. *Number and Description of Prizes and Approximate Odds:* The following table sets forth the approximate number of winners, amounts of prizes, and approximate odds of winning:

### Pennsylvania Mega Money Instant Lottery Game

Under the State Lottery Law (72 P. S. §§ 3761-101 — 3761-314), and 61 Pa. Code § 819.203 (relating to notice of instant game rules), the Secretary of Revenue hereby provides public notice of the rules for the following instant lottery game:

1. *Name:* The name of the game is Pennsylvania Mega Money.

2. *Price:* The price of a Pennsylvania Mega Money instant lottery game ticket is \$5.00.

3. *Play Symbols:*

(a) Each Pennsylvania Mega Money instant lottery game ticket will contain four play areas known as "Game 1," "Game 2," "Game 3" and "Game 4." Each "Game" has a specific game play method and is played separately. Each Pennsylvania Mega Money instant lottery game ticket will also contain a "Quick \$20" area.

(b) The play area for "Game 1" will contain a "Your Numbers" area and a "Winning Number" area. The play symbols and their captions located in the "Your Numbers" area and "Winning Number" area are: 1 (ONE), 2 (TWO), 3 (THREE), 4 (FOUR), 5 (FIVE), 6 (SIX), 7 (SEVEN), 8 (EIGHT), 9 (NINE) and 10 (TEN).

(c) The play area for "Game 2" will contain a "Your Total" area. The play symbols and their captions located in the "Your Total" area are: 1 (ONE), 2 (TWO), 3 (THREE), 4 (FOUR), 5 (FIVE), 6 (SIX), 7 (SEVEN), 8 (EIGHT), 9 (NINE) and 10 (TEN).

(d) The play symbols and their captions located in the play area for "Game 3" are: \$5.<sup>00</sup> (FIV DOL), \$6.<sup>00</sup> (SIX DOL), \$8.<sup>00</sup> (EGT DOL), \$10.<sup>00</sup> (TEN DOL), \$20\$ (TWENTY), \$40\$ (FORTY), \$80\$ (EIGHTY), \$400 (FOR HUN), \$1,000 (ONE THO) and \$10,000 (TEN THO).

(e) The play area for "Game 4" will contain a "Your Numbers" area and a "Winning Number" area. The play symbols and their captions located in the "Your Numbers" area and "Winning Number" area are: 1 (ONE), 2 (TWO), 3 (THREE), 4 (FOUR), 5 (FIVE), 6 (SIX), 7 (SEVEN), 8 (EIGHT), 9 (NINE) and 10 (TEN).

(f) The play symbols and their captions located in the "Quick \$20" area are: \$20\$ (TWENTY) and TRY AGAIN.

#### 4. Prize Play Symbols:

(a) The prize play symbols and their captions located in the five "Prize" areas for "Game 1" are: \$5<sup>00</sup> (FIV DOL), \$6<sup>00</sup> (SIX DOL), \$8<sup>00</sup> (EGT DOL), \$10<sup>00</sup> (TEN DOL), \$20\$ (TWENTY), \$40\$ (FORTY), \$80\$ (EIGHTY), \$200 (TWO HUN), \$1,000 (ONE THO) and \$250,000 (TWHNFYTH).

(b) The prize play symbols and their captions located in the two "Prize" areas for "Game 2" are: \$5<sup>00</sup> (FIV DOL), \$6<sup>00</sup> (SIX DOL), \$8<sup>00</sup> (EGT DOL), \$10<sup>00</sup> (TEN DOL), \$20\$ (TWENTY), \$25\$ (TWY FIV), \$40\$ (FORTY), \$80\$ (EIGHTY), \$200 (TWO HUN), \$400 (FOR HUN), \$1,000 (ONE THO) and \$10,000 (TEN THO).

(c) The prize play symbols and their captions located in the five "Prize" areas for "Game 4" are: \$5<sup>00</sup> (FIV DOL), \$6<sup>00</sup> (SIX DOL), \$8<sup>00</sup> (EGT DOL), \$10<sup>00</sup> (TEN DOL), \$15\$ (FIFTN), \$25\$ (TWY FIV), \$40\$ (FORTY), \$80\$ (EIGHTY), \$200 (TWO HUN), \$10,000 (TEN THO) and \$250,000 (TWHNFYTH).

5. *Prizes:* The prizes that can be won in "Game 1" are \$5, \$6, \$8, \$10, \$20, \$40, \$80, \$200, \$1,000 and \$250,000. The prizes that can be won in "Game 2" are \$5, \$6, \$8, \$10, \$20, \$25, \$40, \$80, \$200, \$400, \$1,000 and \$10,000. The prizes that can be won in "Game 3" are \$5, \$6, \$8, \$10, \$20, \$40, \$80, \$400, \$1,000 and \$10,000. The prizes that can be won in "Game 4" are \$5, \$6, \$8, \$10, \$15, \$25, \$40, \$80, \$200, \$10,000 and \$250,000. The prize that can be won in "Quick \$20" is \$20. A player can win up to 13 times on a ticket.

6. *Approximate Number of Tickets Printed For the Game:* Approximately 2,880,000 tickets will be printed for the Pennsylvania Mega Money instant lottery game.

#### 7. Determination of Prize Winners:

(a) Determination of prize winners for "Game 1" are:

(1) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$250,000 (TWHNFYTH) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$250,000.

(2) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$1,000 (ONE THO) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$1,000.

(3) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$200 (TWO HUN) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$200.

(4) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$80\$ (EIGHTY)

appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$80.

(5) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$40\$ (FORTY) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$40.

(6) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$20\$ (TWENTY) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$20.

(7) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$10<sup>00</sup> (TEN DOL) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$10.

(8) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$8<sup>00</sup> (EGT DOL) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$8.

(9) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$6<sup>00</sup> (SIX DOL) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$6.

(10) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$5<sup>00</sup> (FIV DOL) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$5.

(b) Determination of prize winners for "Game 2" are:

(1) Holders of tickets where the "Your Total" equals 7 or 11 within the same "Row" and a prize play symbol of \$10,000 (TEN THO) appears in the "Prize" area for that "Row," on a single ticket, shall be entitled to a prize of \$10,000.

(2) Holders of tickets where the "Your Total" equals 7 or 11 within the same "Row" and a prize play symbol of \$1,000 (ONE THO) appears in the "Prize" area for that "Row," on a single ticket, shall be entitled to a prize of \$1,000.

(3) Holders of tickets where the "Your Total" equals 7 or 11 within the same "Row" and a prize play symbol of \$400 (FOR HUN) appears in the "Prize" area for that "Row," on a single ticket, shall be entitled to a prize of \$400.

(4) Holders of tickets where the "Your Total" equals 7 or 11 within the same "Row" and a prize play symbol of \$200 (TWO HUN) appears in the "Prize" area for that "Row," on a single ticket, shall be entitled to a prize of \$200.

(5) Holders of tickets where the "Your Total" equals 7 or 11 within the same "Row" and a prize play symbol of \$80\$ (EIGHTY) appears in the "Prize" area for that "Row," on a single ticket, shall be entitled to a prize of \$80.

(6) Holders of tickets where the "Your Total" equals 7 or 11 within the same "Row" and a prize play symbol of \$40\$ (FORTY) appears in the "Prize" area for that "Row," on a single ticket, shall be entitled to a prize of \$40.

(7) Holders of tickets where the "Your Total" equals 7 or 11 within the same "Row" and a prize play symbol of \$25\$ (TWY FIV) appears in the "Prize" area for that "Row," on a single ticket, shall be entitled to a prize of \$25.

(8) Holders of tickets where the "Your Total" equals 7 or 11 within the same "Row" and a prize play symbol of \$20\$ (TWENTY) appears in the "Prize" area for that "Row," on a single ticket, shall be entitled to a prize of \$20.

(9) Holders of tickets where the "Your Total" equals 7 or 11 within the same "Row" and a prize play symbol of \$10<sup>00</sup> (TEN DOL) appears in the "Prize" area for that "Row," on a single ticket, shall be entitled to a prize of \$10.

(10) Holders of tickets where the "Your Total" equals 7 or 11 within the same "Row" and a prize play symbol of \$8<sup>00</sup> (EGT DOL) appears in the "Prize" area for that "Row," on a single ticket, shall be entitled to a prize of \$8.

(11) Holders of tickets where the "Your Total" equals 7 or 11 within the same "Row" and a prize play symbol of \$6<sup>00</sup> (SIX DOL) appears in the "Prize" area for that "Row," on a single ticket, shall be entitled to a prize of \$6.

(12) Holders of tickets where the "Your Total" equals 7 or 11 within the same "Row" and a prize play symbol of \$5<sup>00</sup> (FIV DOL) appears in the "Prize" area for that "Row," on a single ticket, shall be entitled to a prize of \$5.

(c) Determination of prize winners for "Game 3" are:

(1) Holders of tickets with three matching play symbols of \$10,000 (TEN THO) in the play area on a single ticket, shall be entitled to a prize of \$10,000.

(2) Holders of tickets with three matching play symbols of \$1,000 (ONE THO) in the play area on a single ticket, shall be entitled to a prize of \$1,000.

(3) Holders of tickets with three matching play symbols of \$400 (FOR HUN) in the play area on a single ticket, shall be entitled to a prize of \$400.

(4) Holders of tickets with three matching play symbols of \$80\$ (EIGHTY) in the play area on a single ticket, shall be entitled to a prize of \$80.

(5) Holders of tickets with three matching play symbols of \$40\$ (FORTY) in the play area on a single ticket, shall be entitled to a prize of \$40.

(6) Holders of tickets with three matching play symbols of \$20\$ (TWENTY) in the play area on a single ticket, shall be entitled to a prize of \$20.

(7) Holders of tickets with three matching play symbols of \$10<sup>00</sup> (TEN DOL) in the play area on a single ticket, shall be entitled to a prize of \$10.

(8) Holders of tickets with three matching play symbols of \$8<sup>00</sup> (EGT DOL) in the play area on a single ticket, shall be entitled to a prize of \$8.

(9) Holders of tickets with three matching play symbols of \$6<sup>00</sup> (SIX DOL) in the play area on a single ticket, shall be entitled to a prize of \$6.

(10) Holders of tickets with three matching play symbols of \$5<sup>00</sup> (FIV DOL) in the play area on a single ticket, shall be entitled to a prize of \$5.

(d) Determination of prize winners for "Game 4" are:

(1) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$250,000 (TWHNFYTH) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$250,000.

(2) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$10,000 (TEN THO) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$10,000.

(3) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$200 (TWO HUN) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$200.

(4) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$80\$ (EIGHTY) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$80.

(5) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$40\$ (FORTY), appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$40.

(6) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$25\$ (TWY FIV) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$25.

(7) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$15\$ (FIFTN) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$15.

(8) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$10<sup>00</sup> (TEN DOL) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$10.

(9) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$8<sup>00</sup> (EGT DOL) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$8.

(10) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$6<sup>00</sup> (SIX DOL) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$6.

(11) Holders of tickets upon which any one of the "Your Numbers" play symbols matches the "Winning Number" play symbol and a prize play symbol of \$5<sup>00</sup> (FIV DOL)

appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$5.

(e) Holders of tickets with a play symbol of \$20\$ (TWENTY) in the "Quick \$20" play area, on a single ticket, shall be entitled to a prize of \$20.

8. *Number and Description of Prizes and Approximate Odds:* The following table sets forth the approximate number of winners, amounts of prizes, and approximate odds of winning:

<i>Game 1</i>	<i>Quick \$20</i>	<i>Game 2</i>	<i>Game 3</i>	<i>Game 4</i>	<i>Win</i>	<i>Approximate Odds</i>	<i>Approximate No. of Winners Per 2,880,000 Tickets</i>
\$5		\$5			\$5	1:28.57	100,800
			\$5		\$5	1:28.57	100,800
				\$5	\$5	1:30	96,000
\$6		\$6			\$5	1:30	96,000
			\$6		\$6	1:200	14,400
				\$6	\$6	1:200	14,400
\$8		\$8			\$6	1:200	14,400
			\$8		\$8	1:75	38,400
				\$8	\$8	1:150	19,200
					\$8	1:300	9,600
\$5 × 2		\$5 × 2			\$8	1:300	9,600
			\$10		\$10	1:300	9,600
				\$10	\$10	1:300	9,600
\$5		\$5			\$10	1:600	4,800
\$5			\$5		\$10	1:600	4,800
\$5				\$5	\$10	1:600	4,800
	\$20				\$20	1:16.67	172,800
\$10		\$10			\$20	1:600	4,800
\$5		\$5	\$5	\$5	\$20	1:600	4,800
		\$10	\$10		\$20	1:600	4,800
		\$10		\$10	\$20	1:600	4,800
				\$5 × 4	\$20	1:600	4,800
\$40					\$40	1:6,000	480
\$20	\$20				\$40	1:260.87	11,040
		\$40			\$40	1:6,000	480
			\$40		\$40	1:6,000	480
				\$40	\$40	1:6,000	480
\$8		\$8	\$8	\$8 × 3	\$40	1:6,000	480
\$5 × 2				\$8 × 4	\$40	1:6,000	480
	\$20			\$6 × 5	\$40	1:6,000	480
				\$5 × 4	\$40	1:300	9,600
\$80		\$80			\$80	1:24,000	120
			\$80		\$80	1:24,000	120
				\$80	\$80	1:24,000	120
\$20	\$20	\$10 × 2	\$20		\$80	1:24,000	120
	\$20	\$20	\$20	\$10 × 2	\$80	1:24,000	120
\$5 × 2		\$5 × 2	\$10	\$10 × 5	\$80	1:24,000	120
\$10		\$20 × 2	\$10	\$10 × 2	\$80	1:24,000	120
\$10	\$20	\$10 × 2		\$6 × 5	\$80	1:12,000	240
\$5 × 5	\$20		\$5	\$15 × 2	\$80	1:10,000	288
\$40	\$20	\$5	\$5	\$5 × 2	\$80	1:10,000	288
\$200		\$200			\$200	1:60,000	48
				\$200	\$200	1:60,000	48
				\$40 × 5	\$200	1:60,000	48
\$5 × 5	\$20	\$25	\$5	\$25 × 5	\$200	1:6,000	480
\$8 × 5		\$40	\$40	\$40 × 2	\$200	1:6,000	480
		\$400			\$400	1:60,000	48
			\$400		\$400	1:60,000	48
		\$200		\$200	\$400	1:60,000	48
\$8 × 5		\$80	\$80	\$40 × 5	\$400	1:60,000	48



Game 1	Quick \$20	Game 2	Game 3	Game 4	Win	Approximate Odds	Approximate No. of Winners Per 2,880,000 Tickets
\$5					\$5	1:28.57	100,800
\$20	\$20	\$80	\$80	\$40 × 5	\$400	1:30,000	96
\$1,000		\$1,000			\$1,000	1:1,440,000	2
			\$1,000		\$1,000	1:1,440,000	2
		\$10,000		\$200 × 5	\$1,000	1:1,440,000	2
			\$10,000		\$10,000	1:1,440,000	2
				\$10,000	\$10,000	1:1,440,000	2
\$250,000					\$250,000	1:2,880,000	1
				\$250,000	\$250,000	1:2,880,000	1

Game 1—When any of Your Numbers match the Winning Number, win prize shown under the matching number

Quick \$20—Reveal \$20 prize amount, win \$20 instantly

Game 2—When your total equals 7 or 11, win prize for that row

Game 3—Get 3 like dollar amounts, win that prize

Game 4—When any of Your Numbers match the Winning Number, win prize shown under the matching number

9. *Retailer Incentive Awards:* The Lottery may conduct a separate Retailer Incentive Game for retailers who sell Pennsylvania Mega Money instant lottery game tickets. The conduct of the game will be governed by 61 Pa. Code § 819.222 (relating to retailer bonuses and incentives).

10. *Unclaimed Prize Money:* For a period of 1 year from the announced close of Pennsylvania Mega Money, prize money from winning Pennsylvania Mega Money instant lottery game tickets will be retained by the Secretary for payment to the persons entitled thereto. If no claim is made within 1 year of the announced close of the Pennsylvania Mega Money instant lottery game, the right of a ticket holder to claim the prize represented by the ticket, if any, will expire and the prize money will be paid into the State Lottery Fund and used for purposes provided for by statute.

11. *Governing Law:* In purchasing a ticket, the customer agrees to comply with and abide by the State Lottery Law (72 P. S. §§ 3761-101—3761-314), the regulations contained in 61 Pa. Code Part V (relating to State Lotteries) and the provisions contained in this notice.

12. *Termination of the Game:* The Secretary may announce a termination date, after which no further tickets from this game may be sold. The announcement will be disseminated through media used to advertise or promote Pennsylvania Mega Money or through normal communications methods.

LARRY P. WILLIAMS,  
Secretary

[Pa.B. Doc. No. 01-693. Filed for public inspection April 20, 2001, 9:00 a.m.]

**Pennsylvania Pocono Raceway's NASCAR Cash Instant Lottery Game**

Under the State Lottery Law (72 P. S. §§ 3761-101—3761-314), and 61 Pa. Code § 819.203 (relating to notice of instant game rules), the Secretary of Revenue hereby provides public notice of the rules for the following instant lottery game:

1. *Name:* The name of the game is Pennsylvania Pocono Raceway's NASCAR® Cash.

2. *Price:* The price of a Pennsylvania Pocono Raceway's NASCAR Cash instant lottery game ticket is \$2.00.

3. *Play Symbols:* Each Pennsylvania Pocono Raceway's NASCAR Cash instant lottery game ticket will contain a "Winning Numbers" area and a "Your Numbers" area. The play symbols and their captions located in the "Winning Numbers" area and the "Your Numbers" area are: 1 (ONE), 2 (TWO), 3 (THREE), 4 (FOUR), 5 (FIVE), 6 (SIX), 7 (SEVEN), 8 (EIGHT), 9 (NINE), 10 (TEN), 11 (ELEVEN), 12 (TWLV), 13 (THRTN), 14 (FORTN), 15 (FIFTN), 16 (SIXTN), 17 (SVNTN), 18 (EGHTN), 19 (NINTN) and 20 (TWENTY).

4. *Prize Play Symbols:* The prize play symbols and their captions located in the "Your Numbers" area are: \$1<sup>.00</sup> (ONE DOL), \$2<sup>.00</sup> (TWO DOL), \$3<sup>.00</sup> (THR DOL), \$5<sup>.00</sup> (FIV DOL), \$7<sup>.00</sup> (SVN DOL), \$10<sup>.00</sup> (TEN DOL), \$15\$ (FIFTN), \$25\$ (TWY FIV), \$40\$ (FORTY), \$50\$ (FIFTY), \$100 (ONE HUN), \$1,000 (ONE THO), \$2,000 (TWO THO) and \$20,000 (TWY THO).

5. *Prizes:* The prizes that can be won in this game are \$1, \$2, \$3, \$5, \$7, \$10, \$15, \$25, \$40, \$50, \$100, \$1,000, \$2,000 and \$20,000. The player can win up to eight times on a ticket.

6. *Second Chance Drawing:* The Pennsylvania Lottery will conduct Second Chance Drawings for non-winning Pennsylvania Pocono Raceway's NASCAR Cash instant lottery tickets as provided for in paragraph 11.

7. *Approximate Number of Tickets Printed For the Game:* Approximately 2,880,000 tickets will be printed for the Pennsylvania Pocono Raceway's NASCAR Cash instant lottery game.

8. *Determination of Prize Winners:*

(a) Holders of tickets upon which any one of the "Your Numbers" play symbols matches either of the "Winning Numbers" play symbols and a prize play symbol of \$20,000 (TWY THO) appears under the matching "Your

Numbers” play symbol, on a single ticket, shall be entitled to a prize of \$20,000.

(b) Holders of tickets upon which any one of the “Your Numbers” play symbols matches either of the “Winning Numbers” play symbols and a prize play symbol of \$2,000 (TWO THO) appears under the matching “Your Numbers” play symbol, on a single ticket, shall be entitled to a prize of \$2,000.

(c) Holders of tickets upon which any one of the “Your Numbers” play symbols matches either of the “Winning Numbers” play symbols and a prize play symbol of \$1,000 (ONE THO) appears under the matching “Your Numbers” play symbol, on a single ticket, shall be entitled to a prize of \$1,000.

(d) Holders of tickets upon which any one of the “Your Numbers” play symbols matches either of the “Winning Numbers” play symbols and a prize play symbol of \$100 (ONE HUN) appears under the matching “Your Numbers” play symbol, on a single ticket, shall be entitled to a prize of \$100.

(e) Holders of tickets upon which any one of the “Your Numbers” play symbols matches either of the “Winning Numbers” play symbols and a prize play symbol of \$50\$ (FIFTY) appears under the matching “Your Numbers” play symbol, on a single ticket, shall be entitled to a prize of \$50.

(f) Holders of tickets upon which any one of the “Your Numbers” play symbols matches either of the “Winning Numbers” play symbols and a prize play symbol of \$40\$ (FORTY) appears under the matching “Your Numbers” play symbol, on a single ticket, shall be entitled to a prize of \$40.

(g) Holders of tickets upon which any one of the “Your Numbers” play symbols matches either of the “Winning Numbers” play symbols and a prize play symbol of \$25\$ (TWY FIV) appears under the matching “Your Numbers” play symbol, on a single ticket, shall be entitled to a prize of \$25.

(h) Holders of tickets upon which any one of the “Your Numbers” play symbols matches either of the “Winning Numbers” play symbols and a prize play symbol of \$15\$ (FIFTN) appears under the matching “Your Numbers”

play symbol, on a single ticket, shall be entitled to a prize of \$15.

(i) Holders of tickets upon which any one of the “Your Numbers” play symbols matches either of the “Winning Numbers” play symbols and a prize play symbol of \$10<sup>00</sup> (TEN DOL) appears under the matching “Your Numbers” play symbol, on a single ticket, shall be entitled to a prize of \$10.

(j) Holders of tickets upon which any one of the “Your Numbers” play symbols matches either of the “Winning Numbers” play symbols and a prize play symbol of \$7<sup>00</sup> (SVN DOL) appears under the matching “Your Numbers” play symbol, on a single ticket, shall be entitled to a prize of \$7.

(k) Holders of tickets upon which any one of the “Your Numbers” play symbols matches either of the “Winning Numbers” play symbols and a prize play symbol of \$5<sup>00</sup> (FIV DOL) appears under the matching “Your Numbers” play symbol, on a single ticket, shall be entitled to a prize of \$5.

(l) Holders of tickets upon which any one of the “Your Numbers” play symbols matches either of the “Winning Numbers” play symbols and a prize play symbol of \$3<sup>00</sup> (THR DOL) appears under the matching “Your Numbers” play symbol, on a single ticket, shall be entitled to a prize of \$3.

(m) Holders of tickets upon which any one of the “Your Numbers” play symbols matches either of the “Winning Numbers” play symbols and a prize play symbol of \$2<sup>00</sup> (TWO DOL) appears under the matching “Your Numbers” play symbol, on a single ticket, shall be entitled to a prize of \$2.

(n) Holders of tickets upon which any one of the “Your Numbers” play symbols matches either of the “Winning Numbers” play symbols and a prize play symbol of \$1<sup>00</sup> (ONE DOL) appears under the matching “Your Numbers” play symbol, on a single ticket, shall be entitled to a prize of \$1.

9. *Number and Description of Prizes and Approximate Odds:* The following table sets forth the approximate number of winners, amounts of prizes, and approximate odds of winning:

*When Any Of Your Numbers Match Either Winning Number, Win With Prize(s) Of:*

	<i>Win</i>
\$1 × 2	\$2
\$2	\$2
\$1 × 3	\$3
\$3	\$3
\$3 + \$2	\$5
\$2 × 2 + \$1	\$5
\$2 + \$1 × 3	\$5
\$5	\$5
\$5 + \$2	\$7
\$3 × 2 + \$1	\$7
\$2 × 2 + \$2 + \$1	\$7
\$7	\$7
\$7 + \$3	\$10
\$5 + \$3 + \$2	\$10
\$3 × 2 + \$2 + \$1 × 2	\$10

<i>Approximate Odds</i>	<i>Approximate No. of Winners Per 2,880,000 Tickets</i>
1:7.43	387,840
1:30	96,000
1:75	38,400
1:18.75	153,600
1:250	11,520
1:250	11,520
1:250	11,520
1:300	9,600
1:187.50	15,360
1:750	3,840
1:375	7,680
1:375	7,680
1:375	7,680
1:1,500	1,920

*When Any Of Your  
Numbers Match  
Either Winning*

			<i>Approximate No. of</i>
\$10	\$10	1:1,500	1,920
\$10 + \$5	\$15	1:375	7,680
\$7 × 2 + \$1	\$15	1:375	7,680
\$5 × 2 + \$2 × 2 + \$1	\$15	1:1,500	1,920
\$15	\$15	1:1,500	1,920
\$10 × 2 + \$5	\$25	1:750	3,840
\$5 × 5	\$25	1:1,500	1,920
\$5 × 2 + \$3 × 3 + \$2 × 3	\$25	1:1,500	1,920
\$25	\$25	1:1,500	1,920
\$25 + \$5 × 3	\$40	1:2,182	1,320
\$15 × 2 + \$5 × 2	\$40	1:3,000	960
\$10 × 4	\$40	1:3,000	960
\$7 × 4 + \$5 × 2 + \$1 × 2	\$40	1:3,000	960
\$5 × 8	\$40	1:3,000	960
\$40	\$40	1:3,000	960
\$25 + \$15 + \$5 × 2	\$50	1:8,000	360
\$25 × 2	\$50	1:12,000	240
\$15 × 3 + \$5	\$50	1:8,000	360
\$10 × 5	\$50	1:3,429	840
\$50	\$50	1:24,000	120
\$100	\$100	1:12,000	240
\$1,000	\$1,000	1:120,000	24
\$1,000 × 2	\$2,000	1:480,000	6
\$2,000	\$2,000	1:1,440,000	2
\$20,000	\$20,000	1:960,000	3

10. *Second Chance Drawing Eligibility Requirements.*

(a) To be eligible for one of the Second Chance Drawings, a player must mail exactly three non-winning Pennsylvania Pocono Raceway's NASCAR Cash instant lottery tickets in an envelope no larger than 4 1/8 by 9 1/2 inches addressed to Pennsylvania Lottery, Pocono Raceway's NASCAR Cash "SECOND-CHANCE" Drawing, 3863 Union Deposit Road, PMB 104, Harrisburg, PA 17109.

(b) Envelopes containing less than or more than three non-winning Pennsylvania Pocono Raceway's NASCAR Cash instant lottery tickets shall be disqualified.

(c) Non-winning Pennsylvania Pocono Raceway's NASCAR Cash instant lottery tickets received in an envelope larger than 4 1/8 by 9 1/2 inches shall be disqualified.

(d) The back of each non-winning Pennsylvania Pocono Raceway's NASCAR Cash instant lottery ticket entered in the Second Chance Drawing must be completed by the same player in a legible manner, including the player's name, street address, city, state, zip code, telephone number and signature. Incomplete tickets shall be disqualified.

(e) Winning lottery tickets submitted to the Pocono Raceway's NASCAR Cash address will not be paid or honored.

(f) Non-winning Pennsylvania Pocono Raceway's NASCAR Cash instant lottery tickets must be received by the Pennsylvania Lottery no later than May 25, 2001, to be eligible for the first Second Chance Drawing and the

Pocono 500 Grand Prize Drawing, and no later than July 6, 2001, to be eligible for the last Second Chance Drawing and the Pennsylvania 500 Grand Prize Drawing.

11. *Second Chance Drawing Procedures.*

(a) *Frequency.* The two Second Chance Drawings will be held at Lottery Headquarters. The odds of an entry being selected in a Second Chance Drawing depend upon the number of entries received.

(b) *Eligibility for Second Chance Drawings.* To be eligible for a Second Chance Drawing, a player must have complied with the requirements of section 10.

(1) The Lottery will make a reasonable effort to ensure that each Second Chance entry is entered into one of the Second Chance Drawings. The Lottery assumes no responsibility for a lost or misplaced entry not entered into a Second Chance Drawing.

(2) A Second Chance entry is eligible for only one Second Chance Drawing. An entry that is not in one eligible group, may, at the discretion of the Director, remain eligible for a subsequent Second Chance Drawing.

(3) If a Second Chance entry is rejected during or following a Second Chance Drawing, the sole remedy is to select another entry to replace the rejected entry in accordance with Lottery procedure.

(4) Determination of winners will be made by the Secretary, whose judgment will be final and binding.

(c) *Manner of conducting the Second Chance Drawings.*

(1) By use of a mechanical device, 50 containers of Pennsylvania Pocono Raceway's NASCAR Cash entries

will be selected. From each of these 50 containers, ten finalist entries will be drawn. As each finalist entry envelope is opened, its contents will be validated according to the requirements of section 10. If the finalist entry does not meet the requirements of section 10, another entry will be selected from that container; and so on, until a qualified entry has been chosen. The 500 validated finalist entries drawn will each win a racing gear prize pack, and will be eligible for the Grand Prize Finalist Drawing. There is no cash equivalent for the Pennsylvania Pocono Raceway's NASCAR Cash racing gear prize pack.

(2) This procedure will be repeated for each of the Second Chance Drawings set forth in subsection (a).

(d) *Manner of conducting the two Grand Prize Finalist Drawings.*

(1) *The Pocono 500 Grand Prize Drawing.*

(i) The five hundred validated finalist entries selected in the first Second Chance Drawing shall be placed in a mechanical device. Five finalist entries will be selected as Grand Prize finalists.

(ii) At the Pocono 500 Race, the five Grand Prize finalists, in the order they were drawn, will select one of five car positions on a racing track. By means of a mechanical drawing machine, Lottery Personnel will select one of five balls, determining the advancement of one of the five positions. This process will continue until a player crosses the finish line. The first player to cross the finish line will be the Grand Prize winner and shall win \$20,000. The remaining four Grand Prize finalists shall each win \$5,000.

(2) *The Pennsylvania 500 Grand Prize Drawing.*

(i) The five hundred validated finalist entries selected in the first Second Chance Drawing shall be placed in a mechanical device. Five finalist entries will be selected as Grand Prize finalists.

(ii) At the Pocono 500 Race, the five Grand Prize finalists, in the order they were drawn, will select one of five car positions on a racing track. By means of a mechanical drawing machine, Lottery Personnel will select one of five balls, determining the advancement of one of the five positions. This process will continue until a player crosses the finish line. The first player to cross the finish line will be the Grand Prize winner and shall win \$20,000. The remaining four Grand Prize finalists shall each win \$5,000.

(e) The payment of the prize awarded in the Second Chance drawing to a person who dies before receiving the prize or to a person 17 years of age or younger shall be paid according to 61 Pa. Code §§ 811.16 and 811.27 (relating to prizes payable after death of a prize winner; and payment of prizes to persons under 18 years if age).

(f) The determination of a winner will be made by the Secretary, whose judgment will be final, conclusive and binding on the Grand Prize finalists.

12. *Second Chance Prize Description:*

(a) Each racing gear prize pack features one of the five drivers as selected by the winner and consists of branded merchandise related to the selected driver. The five drivers are Dale Earnhardt, Dale Earnhardt, Jr., Matt Kenseth, Mark Martin and Jeff Burton. Each pack shall consist of one of each of the following items:

(1) *Official uniform jacket.* The jacket is cotton-twill with full color graphics. Each jacket will contain the

driver's name, car number and team logos. The jacket is available in a variety of sizes.

(2) *Limited-edition photo plaque.* The plaque features a color photograph of a career highlight of the selected driver. Each plaque is wood with a brass nameplate.

(3) *Official T-shirt.* The T-shirt is all cotton with full color graphics. Each T-shirt contains the driver's name, car, car number and logos. The T-shirt is available in a variety of sizes.

(4) *Official cap.* The cap contains full color graphics, the driver's name and car number and is adjustable in size.

(b) The Lottery reserves the right to substitute a merchandise item set forth in this section with a merchandise item of equal or greater value.

13. *Retailer Incentive Awards:* The Lottery may conduct a separate Retailer Incentive Game for retailers who sell Pennsylvania Pocono Raceway's NASCAR Cash instant lottery game tickets. The conduct of the game will be governed by 61 Pa. Code § 819.222 (relating to retailer bonuses and incentives).

14. *Unclaimed Prize Money:* For a period of 1 year from the announced close of Pennsylvania Pocono Raceway's NASCAR Cash, prize money from winning Pennsylvania Pocono Raceway's NASCAR Cash instant lottery game tickets will be retained by the Secretary for payment to the persons entitled thereto. If no claim is made within 1 year of the announced close of the Pennsylvania Pocono Raceway's NASCAR Cash instant lottery game, the right of a ticket holder to claim the prize represented by the ticket, if any, will expire and the prize money will be paid into the State Lottery Fund and used for purposes provided for by statute.

15. *Governing Law:* In purchasing a ticket, the customer agrees to comply with and abide by the State Lottery Law (72 P. S. §§ 3761-101—3761-314), the regulations contained in 61 Pa. Code Part V (relating to State Lotteries) and the provisions contained in this notice.

16. *Termination of the Game:* The Secretary may announce a termination date, after which no further tickets from this game may be sold. The announcement will be disseminated through media used to advertise or promote Pennsylvania Pocono Raceway's NASCAR Cash or through normal communications methods.

LARRY P. WILLIAMS,  
Secretary

[Pa.B. Doc. No. 01-694. Filed for public inspection April 20, 2001, 9:00 a.m.]

## ENVIRONMENTAL HEARING BOARD

**Reliant Energy Mid-Atlantic Power Holdings, LLC  
v. DEP; EHB Doc. No. 2001-079-MG**

Reliant Energy Mid-Atlantic Power Holdings, LLC has appealed the issuance by the Department of Environmental Protection of an NPDES permit to same for a facility in Cumru Township, Berks County.

A date for the hearing on the appeal has not yet been scheduled.

The appeal is filed with the Environmental Hearing Board (Board) at its office on the Second Floor, Rachel Carson State Office Building, 400 Market Street, P. O. Box 8457, Harrisburg, PA 17105-8457, and may be reviewed by any interested party on request during normal business hours. If information concerning this notice is required in an alternative form, contact the Secretary to the Board at (717) 787-3483. TDD users may telephone the Board through the AT&T Pennsylvania Relay Center at (800) 654-5984.

Petitions to intervene in the appeal may be filed with the Board by interested parties under 25 Pa. Code § 1021.62. Copies of the Board's rules of practice and procedure are available upon request from the Board.

GEORGE J. MILLER,  
*Chairperson*

[Pa.B. Doc. No. 01-695. Filed for public inspection April 20, 2001, 9:00 a.m.]

## INDEPENDENT REGULATORY REVIEW COMMISSION

### Actions Taken by the Commission

The Independent Regulatory Review Commission (Commission) met publicly at 10:30 a.m., Thursday, April 5, 2001, and took the following action:

#### *Regulations Approved:*

State Board of Education #6-270: Special Education Services and Programs (amends Chapter 14 and deletes Chapter 342 of 22 Pa. Code)

Department of Health #10-160: Managed Care Organizations (amends 28 Pa. Code Chapter 9 by deleting Subchapters A, D and E and adding Subchapters F through L)

*Commissioners Voting:* Alvin C. Bush, Vice Chairperson; Arthur Coccodrilli, Dissenting; Robert J. Harbison, III, by Proxy; John F. Mizner

Public Meeting  
held April 5, 2001

*State Board of Education; Special Education Services and Programs; Regulation No. 6-270*

On August 23, 2000, the Independent Regulatory Review Commission (Commission) received this proposed regulation from the State Board of Education (Board). This rulemaking amends Chapter 14 and deletes Chapter 342 of 22 Pa. Code. The proposed regulation was published in the September 2, 2000 *Pennsylvania Bulletin* with a 30-day public comment period. The final-form regulation was submitted to the Commission on February 5, 2001.

At its March 8, 2001, public meeting, the Commission voted to disapprove the final-form regulation. On March 15, 2001, the Board notified the Commission of its intent to revise and resubmit the regulation. On March 20, 2001, the Department submitted its report containing the revised final-form regulation to the Commission.

The regulation establishes procedures to identify students in need of special education services and describes requirements and procedures for delivery of such services. The regulation also incorporates Federal regulations at 34 CFR Part 300 by reference. Promulgation of this rulemaking is necessary for the Commonwealth to continue receiving funds under the Federal Individuals with Disabilities Education Act.

We have determined this regulation is consistent with the statutory authority of the State Board of Education (24 P. S. §§ 1-101—26-2606-B) and the intention of the General Assembly. Having considered all of the other criteria of the Regulatory Review Act, we find promulgation of this regulation is now in the public interest.

*By Order of the Commission:*

The report containing the revised final-form regulation is approved.

*Commissioners Voting:* Alvin C. Bush, Vice Chairperson; Arthur Coccodrilli; Robert J. Harbison, III, by Proxy; John F. Mizner

Public Meeting  
held April 5, 2001

*Department of Health; Managed Care Organizations; Regulation No. 10-160*

On December 8, 1999, the Independent Regulatory Review Commission (Commission) received this proposed regulation from the Department of Health (Department). This rulemaking amends 28 Pa. Code Chapter 9 by deleting Subchapters A, D and E, and adding Subchapters F through L. The proposed regulation was published in the December 18, 1999 *Pennsylvania Bulletin* with a 30-day public comment period. The final-form regulation was submitted to the Commission on February 28, 2001. On March 20, 2001, the Commission received a request from the Department to toll consideration of this final-form regulation to make revisions based on requests from the Senate Public Health and Welfare and the House Health and Human Services Committees. On March 23, 2001, the Department submitted its revisions to the final-form regulation to the Commission.

The final-form regulation implements the provisions of Act 68 of 1998, the Quality Health Care Accountability and Protection Act, the PPO Act and the Health Maintenance Organization Act. It includes new requirements and procedures for managed care plans, insurers, health care providers and the public. It also updates existing Health Maintenance Organization regulations.

We have determined this regulation is consistent with the statutory authority of the Department of Health (40 P. S. §§ 764a(e), 1551—1567 and 991.2101—991.2193) and the intention of the General Assembly. Having considered all of the other criteria of the Regulatory Review Act, we find promulgation of this regulation is in the public interest.

*By Order of the Commission:*

This regulation is approved.

JOHN R. MCGINLEY, Jr.,  
*Chairperson*

[Pa.B. Doc. No. 01-696. Filed for public inspection April 20, 2001, 9:00 a.m.]

### Notice of Filing of Final Rulemakings

The Independent Regulatory Review Commission (Commission) received the following regulations on the dates indicated. To obtain the date and time of the meeting at which the Commission will consider these regulations, contact the Commission at (717) 783-5417, or visit its website at [www.irrc.state.pa.us](http://www.irrc.state.pa.us). To obtain a copy of the regulation, contact the promulgating agency.

<i>Final-Form Reg. No.</i>	<i>Agency/Title</i>	<i>Received</i>
10-162	Department of Health School Immunization	04/09/01
<i>Final-Omit 59-8</i>	Office of Attorney General Debt Collection Trade Practices—Repeal	04/09/01

JOHN R. MCGINLEY, Jr.,  
*Chairperson*

[Pa.B. Doc. No. 01-697. Filed for public inspection April 20, 2001, 9:00 a.m.]

## INSURANCE DEPARTMENT

### Blue Cross of Northeastern Pennsylvania and Pennsylvania Blue Shield; Rate Filing

On April 2, 2001, Blue Cross of Northeastern Pennsylvania and Pennsylvania Blue Shield submitted a filing requesting the Insurance Department's (Department) approval to increase the current monthly rates for the Community Group Major Medical Product. The proposed rates have been adjusted for the recently approved mandatory benefit changes, as well as the option to remove the prescription drug benefit. The proposed percent rate changes of Department approved rates for October 1, 2000, are 20.77% for the Major Medical Benefit Program that includes the pharmacy benefit. For the Major Medical Program that excludes the pharmacy benefit, the rates are reduced by approximately 5% from the approved January 1, 2001, rates.

In addition, the plans are requesting approval to implement two-tier, three-tier, four-tier and five-tier Major Medical Community rates based on the rate ratios of the Access Care II community product. These additional tier structures will allow for consistency in rate relativities among the traditional and PPO products.

Based upon the projected number of contract-months for the period of October 1, 2001—October 1, 2002 (259,713), the estimated additional revenue that this rate change would yield is \$6,368,161 if all groups were to renew on October 1, 2001. This additional revenue represents a rate change off of Department approved rates for October 1, 2000, and reflects the mandatory benefit changes with the pharmacy benefit included.

An effective date of October 1, 2001, is requested.

Copies of the filing are available for public inspection during normal working hours, by appointment, at the Department's Harrisburg regional office.

Interested parties are invited to submit written comments, suggestions or objections to Rashmi Mathur, Actuary, Bureau of Accident and Health Insurance, Insurance

Department, 1311 Strawberry Square, Harrisburg, PA 17120, within 30 days after publication of this notice in the *Pennsylvania Bulletin*.

M. DIANE KOKEN,  
*Insurance Commissioner*

[Pa.B. Doc. No. 01-698. Filed for public inspection April 20, 2001, 9:00 a.m.]

### Book Transfers; Notice 2001-04

Recently, the Insurance Department (Department) has received complaints, alleging that agents or agencies have transferred blocks of business from one insurer to another without the prior consent of the insureds. In most instances, the agency provided a roster, including the insureds' names, addresses, current coverages and rates to the proposed insurer. The proposed insurer then issued coverage to each insured based on the information provided by the agency, without ensuring the prior knowledge and consent of the insureds.

In some instances, agencies have sent letters to insureds notifying them of the transfer of coverage to the new insurer and requesting their signatures on applications to facilitate the transfer. Although the insureds frequently failed to give consent to the transfer, new coverage was effectuated. Moreover, in instances involving auto insurance, coverage was issued without the required tort selection forms, including notice of the premium differential for full and limited tort, or other coverage options such as stacked or waived stacking of underinsured/uninsured coverage. By replacing coverage without valid Act 6 election forms (75 Pa.C.S. § 1705, relating to election of tort options), this activity creates confusion in the market place and exposes insurers to uncertain liability for coverage.

Further, in some instances, replacing insurers notified the Pennsylvania Department of Transportation, or lien holders, that insureds' coverage had been terminated for failure to pay premium. This occurred even when insureds did not elect to replace coverage. Some insurers transferred "delinquent premium accounts" to collection agencies for earned premium for insureds that had not authorized or agreed to the transfer.

Much of the abuses and confusion, discussed herein, were aggravated by the agent or company's use of negative roll-ons. The use of a negative roll-on to effect a book transfer is noncompliant with Pennsylvania law because it does not reflect a clear offer and acceptance, which are essential to binding coverage.

The Department wishes to make it clear that it finds the transfer of insureds accounts for insurance coverage, without the prior express consent of the insured, to be in violation of Pennsylvania insurance laws, especially as it relates to the Unfair Insurance Practices Act (40 P.S. §§ 1171.4 and 1171.5) and 75 Pa.C.S. § 1705 of Act 6. In those instances where the Department determines that an agency or insurance company has improperly transferred coverage without the insureds' prior knowledge and consent, appropriate enforcement actions have, and will be, taken. This includes substantial monetary penalties, a cease and desist order, and potential licensure action.

The Department also wishes to clarify that it does not seek to discourage competition but, rather, that the ultimate decision of where an insured places coverage rests with the consumer.

Any questions regarding this notice should be directed to Dennis C. Shoop, Enforcement Director, at (717) 783-2627.

M. DIANE KOKEN,  
*Insurance Commissioner*

[Pa.B. Doc. No. 01-699. Filed for public inspection April 20, 2001, 9:00 a.m.]

### Children's Health Insurance Program; Advisory Council Meeting

The Insurance Department (Department) has scheduled a meeting of the Children's Health Advisory Council at 10 a.m., Tuesday, April 24, 2001, in Room 105, Rachel Carson State Office Building, Harrisburg, PA 17120. The Children's Health Care Act (Act 68 of 1998), charges the Advisory Council with the responsibilities of overseeing outreach activities and evaluating access and quality of services provided to children enrolled in the Children's Health Insurance Program (CHIP). The public is invited to attend. Persons who need accommodation due to a disability and want to attend the meeting, should contact Tracey Pontius, Insurance Department, 1326 Strawberry Square, Harrisburg, PA 17120, or call (717) 787-4298, at least 24 hours in advance so that arrangements can be made.

M. DIANE KOKEN,  
*Insurance Commissioner*

[Pa.B. Doc. No. 01-700. Filed for public inspection April 20, 2001, 9:00 a.m.]

### Erie Insurance Exchange; Homeowners Rate Revision

On April 9, 2001, the Insurance Department (Department) received from Erie Insurance Exchange a filing for a rate level change for homeowners insurance.

The company requests an overall 1.3% increase amounting to \$2.3 million annually, to be effective August 1, 2001.

Unless formal administrative action is taken prior to June 8, 2001, the subject filing may be deemed approved by operation of law.

Copies of the filing will be available for public inspection, by appointment, during normal working hours at the Department's regional offices in Harrisburg, Philadelphia, Pittsburgh and Erie.

All interested parties are invited to submit written comments, suggestions or objections to Michael W. Burkett, Insurance Department, Bureau of Regulation of Rates and Policies, Room 1311, Strawberry Square, Harrisburg, PA 17120 (e-mail at mburkett@state.pa.us) within 30 days after publication of this notice in the *Pennsylvania Bulletin*.

M. DIANE KOKEN,  
*Insurance Commissioner*

[Pa.B. Doc. No. 01-701. Filed for public inspection April 20, 2001, 9:00 a.m.]

### Highmark Inc. d/b/a Pennsylvania Blue Shield; Modification to Experience Rated Medical/Surgical Rating Formula for Participation; Filing No. 200103

Highmark Inc. d/b/a Pennsylvania Blue Shield submitted a filing to modify the Experience Rated Medical/Surgical rating formula to account for risk associated with low participation, when groups have less than 75% participation in Blue Shield programs.

Copies of the filing are available for public inspection during normal working hours, by appointment, at the Insurance Department's office in Harrisburg.

Interested parties are invited to submit written comments, suggestions or objections to Bharat Patel, Actuary, Insurance Department, Accident and Health Bureau, Office of Rate and Policy Regulation, 1311 Strawberry Square, Harrisburg, PA 17120, within 30 days of publication.

M. DIANE KOKEN,  
*Insurance Commissioner*

[Pa.B. Doc. No. 01-702. Filed for public inspection April 20, 2001, 9:00 a.m.]

## LEGISLATIVE REFERENCE BUREAU

### Documents Filed But Not Published

The Legislative Reference Bureau (Bureau) accepted the following documents during the preceding calendar month for filing without publication under 1 Pa. Code § 3.13(b) (relating to contents of Bulletin). The Bureau will continue to publish on a monthly basis either a summary table identifying the documents accepted during the preceding calendar month under this subsection or a statement that no such documents have been received. For questions concerning or copies of documents filed, but not published, call (717) 783-1530.

#### *Executive Board*

Resolution #CB-01-054, Dated March 19, 2001. This resolution approves the side letter with AFSCME that permits employees promoted from the Temporary Pool to permanent positions during the period February 1, 2000, through June 30, 2000, to have their time worked in the Temporary Pool count towards eligibility for annual increments. This side letter prevents employees promoted during this window to be leapfrogged by employees promoted to full-time positions on or after July 1, 2000.

Resolution #CB-01-072, Dated March 28, 2001. This resolution amends Article 19, Health and Welfare and Article 20, Hospital and Medical Insurance, of the Collective Bargaining Agreement (July 1, 1993, through June 30, 1996) between the Commonwealth of Pennsylvania and United Food and Commercial Workers Local 23, effective March 31, 2001.

#### *Governor's Office*

Management Directive No. 205.10—Financial Disclosures Required by the Public Official and Employee Ethics Act, Act 93 of 1998, 65 Pa.C.S. §§ 1101—1113, Amended March 7, 2001.

Management Directive No. 205.12—Financial Disclosures Required of Former Employees by the Public Official and Employee Ethics Act, Act 93 of 1998, 65 Pa.C.S. §§ 1101—1113.

Management Directive No. 625.6—Lease Amendment Exceptions for Leasehold Construction Improvements Costing Less than \$10,000, Amended February 28, 2001.

Management Directive No. 625.9—Payment of Contractors and Design Professionals for Agency—Funded Construction Projects Undertaken by the Department of General Services, Amended March 9, 2001.

Administrative Circular No. 01-7—Distribution of the 2001 Governor's Annual Work Force Report, Dated February 28, 2001.

GARY R. HOFFMAN,  
Director  
*Pennsylvania Bulletin and Code*

[Pa.B. Doc. No. 01-703. Filed for public inspection April 20, 2001, 9:00 a.m.]

## LIQUOR CONTROL BOARD

### Expiration of Leases

The following Liquor Control Board leases will expire:

Allegheny County, Wine & Spirits Shoppe #0208, 5948 Baum Boulevard, Pittsburgh, PA 15206-3815.

*Lease Expiration Date:* March 31, 2002

Lease retail commercial space to the Commonwealth of Pennsylvania. Proposals are invited to provide the Pennsylvania Liquor Control Board with approximately 6,000 net useable square feet of new or existing retail commercial space in close proximity to Baum Boulevard and Euclid Avenue in the East Liberty area. The space should have good loading. Off-street parking is preferred.

*Proposals due:* May 11, 2001 at 12 noon

**Department:** Pennsylvania Liquor Control Board  
**Location:** Real Estate Division, State Office Building, Rm. 408, 300 Liberty Avenue, Pittsburgh, PA 15222  
**Contact:** Thomas Deal, (412) 565-5130

Allegheny County, Wine & Spirits Shoppe #0247, 5430 Center Avenue, Pittsburgh, PA 15232-1622.

*Lease Expiration Date:* March 31, 2001

Lease retail commercial space to the Commonwealth of Pennsylvania. Proposals are invited to provide the Pennsylvania Liquor Control Board with approximately 4,000 to 6,000 net useable square feet of new or existing retail commercial space in Pittsburgh, located within the area bounded by Walnut Street, Baum Boulevard, South Negly Avenue and Cyprus Street.

*Proposals due:* May 11, 2001 at 12 noon

**Department:** Pennsylvania Liquor Control Board  
**Location:** Real Estate Division, State Office Building, Rm. 408, 300 Liberty Avenue, Pittsburgh, PA 15222  
**Contact:** Joseph Molhoek, (412) 565-5130

Butler County, Wine & Spirits Shoppe #1004, 102 Main Street, Petrolia, PA 16050-0263.

*Lease Expiration Date:* April 30, 2002

Lease retail commercial space to the Commonwealth of Pennsylvania. Proposals are invited to provide the Pennsylvania Liquor Control Board with approximately 1,200 net useable square feet of new or existing retail commercial space in the Central Business District of Petrolia.

*Proposals due:* May 11, 2001 at 12 noon

**Department:** Pennsylvania Liquor Control Board  
**Location:** Real Estate Division, State Office Building, Rm. 408, 300 Liberty Avenue, Pittsburgh, PA 15222  
**Contact:** George Danis, (412) 565-5130

Fayette County, Wine & Spirits Shoppe #2607, 1014 Main Street, Republic, PA 15475-0171.

Lease retail commercial space to the Commonwealth of Pennsylvania. Proposals are invited to provide the Pennsylvania Liquor Control Board with approximately 1,500 net useable square feet of new or existing retail commercial space serving the Republic area. Must allow rear tractor trailer truck delivery.

*Proposals due:* May 11, 2001 at 12 noon

**Department:** Pennsylvania Liquor Control Board  
**Location:** Real Estate Division, State Office Building, Rm. 408, 300 Liberty Avenue, Pittsburgh, PA 15222  
**Contact:** Bruce VanDyke, (412) 565-5130

Allegheny County, Wine & Spirits Shoppe #0247, 5430 Center Avenue, Pittsburgh, PA 15232-1622.

*Lease Expiration Date:* March 31, 2001

Lease retail commercial space to the Commonwealth of Pennsylvania. Proposals are invited to provide the Pennsylvania Liquor Control Board with approximately 4,000 to 6,000 net useable square feet of new or existing retail commercial space in Pittsburgh, located within the area bounded by Walnut Street, Baum Boulevard, South Negly Avenue and Cyprus Street.

*Proposals due:* May 11, 2001 at 12 noon

**Department:** Pennsylvania Liquor Control Board  
**Location:** Real Estate Division, State Office Building, Rm. 408, 300 Liberty Avenue, Pittsburgh, PA 15222  
**Contact:** Joseph Molhoek, (412) 565-5130

Westmoreland County, Wine & Spirits Shoppe #6523, 314 Latrobe Thirty Plaza, Latrobe, PA 15650-2821.

Lease retail commercial space to the Commonwealth of Pennsylvania. Proposals are invited to provide the Pennsylvania Liquor Control Board with approximately 4,000 to 5,000 net useable square feet of new or existing retail commercial space in a shopping center environment on Route 30 in Unity Township serving the Latrobe area.

*Proposals due:* May 11, 2001 at 12 noon

**Department:** Pennsylvania Liquor Control Board  
**Location:** Real Estate Division, State Office Building, Rm. 408, 300 Liberty Avenue, Pittsburgh, PA 15222  
**Contact:** George Danis, (412) 565-5130

Allegheny County, Wine & Spirits Shoppe #8163, Monroeville.

Lease retail commercial space to the Commonwealth of Pennsylvania. Proposals are invited to provide the Pennsylvania Liquor Control Board with approximately 1,200 to 1,500 net useable square feet of new or existing office/training space with abundant parking. Location



should be readily accessible from the Parkway East near the Monroeville or Penn Hills exits.

*Proposals due:* May 11, 2001 at 12 noon

**Department:** Pennsylvania Liquor Control Board  
**Location:** Real Estate Division, State Office Building, Rm. 408, 300 Liberty Avenue, Pittsburgh, PA 15222.

**Contact:** Joseph Molhoek, (412) 565-5130

JOHN E. JONES, III,  
 Chairperson

[Pa.B. Doc. No. 01-704. Filed for public inspection April 20, 2001, 9:00 a.m.]

## MILK MARKETING BOARD

### Hearing and Presubmission Schedule for all Milk Marketing Areas; Over-Order Premium

Under provisions of the Milk Marketing Law (31 P. S. § 700j-101—700j-1302), the Milk Marketing Board (Board) will conduct a public hearing for Milk Marketing Areas 1-6 on May 16, 2001, at 9:30 a.m. in Room 202 of the Agriculture Building, 2301 North Cameron Street, Harrisburg, PA.

The purpose of the hearing is to receive testimony and exhibits concerning the continuation of the over-order premium that is scheduled to expire on June 30, 2001, and whether an adjustment should be made to the level of the current over-order premium.

The staff of the Board is deemed to be a party to this hearing, and the attorney representing the staff is deemed to have entered his appearance. Other persons who wish to present evidence may be included on the Board's list of parties by: (1) having their attorney file with the Board on or before 4 p.m. on April 25, 2001, a notice of appearance substantially in the form prescribed by 1 Pa. Code § 31.25; or (2) if unrepresented by counsel, filing with the Board on or before 4 p.m. on April 25, 2001, notification of their desire to be included as a party.

The parties shall observe the following requirements for advance filing of witness information and exhibits. The Board may exclude witnesses or exhibits of a party that fails to comply with these requirements. In addition, the parties shall have available in the hearing room at least 20 additional copies made available for the use of nonparties attending the hearing.

1. By 4 p.m. on May 7, 2001, each party shall file with the Board seven copies and ensure receipt by all other parties of one copy of:

a. A list of witnesses who will testify for the party, along with a statement of the subjects concerning which each witness will testify. A witness who will be offered as an expert shall be so identified, along with the witness's area or areas of proposed expertise.

b. Each exhibit to be presented, including testimony to be offered in written form.

2. By 4 p.m. on May 11, 2001, each party shall file and serve as set forth in paragraph 1 information concerning rebuttal witnesses and copies of rebuttal exhibits.

Parties that wish to offer in evidence documents on file with the Board, public documents, or records in other proceedings before the Board, or wish the Board to take

official notice of facts, shall comply with, respectively, 1 Pa. Code § 35.164, 35.165, 35.167 or 35.173. Whenever these rules require production of a document as an exhibit, copies shall be provided to each Board member and to all other parties; in addition, at least 20 copies shall be available for distribution to nonparties attending the hearing.

The filing address for the Board is Milk Marketing Board, Room 110, Agriculture Building, 2301 North Cameron Street, Harrisburg, PA 17110.

Individuals who require this information in an alternate format, call (717) 787-4194 or (800) 654-5984 (PA Relay Service for TDD Users).

LYNDA J. BOWMAN,  
*Executive Secretary*

[Pa.B. Doc. No. 01-705. Filed for public inspection April 20, 2001, 9:00 a.m.]

## MUNICIPAL POLICE OFFICERS EDUCATION AND TRAINING COMMISSION

### Mandatory In-Service Courses for 2001

#### (01-201) Legal Update (3 hours)

As in prior years, this required course will address law changes and recent court decisions impacting on police officers.

Tuition Rate Per Officer: \$15.50

#### (01-202) Law Enforcement and Special Needs Populations (3 hours)

This course will provide awareness level training to enable police officers to recognize the nature of various disabilities while ensuring the safety of both the public and officers involved.

Tuition Rate Per Officer: \$13.25

#### (01-317) Safety Awareness XI: Immediate Action-Rapid Deployment for Patrol Officers (6 hours)

It is not unusual for a tactical team to arrive at the scene of a barricaded incident and find that patrol personnel have contained the suspect within a secure perimeter. There is generally time for the tactical team to deploy their personnel without serious concern of suspect escape. Once the incident has been isolated, time enables patrol and/or tactical personnel to formulate a structured and deliberate plan.

But, there are also scenarios that require immediate action and rapid deployment of patrol personnel prior to the arrival of the tactical team. In these cases delayed deployment could have catastrophic consequences. These scenarios often involve an ongoing "shots fired" or "downed officer/citizen rescue." The situation may also necessitate the immediate and rapid deployment of law enforcement personnel to contain and prevent the escape of an armed and dangerous person.

Tuition Rate Per Officer: \$24.00

**(01-511) Equality in Policing the Community (6 hours)**

The Commission's *Leadership and Integrity in the Police Environment* course looked at the issues of communication, courtesy and decision-making; skills critical to survival and success in the milieu of policing. *Equality in Policing the Community* takes the development of these three basic skills to the next level adding the factor of sensitivity to the equation as it relates to interaction between the police and the community. The well publicized issue of racial profiling will be addressed from the opinion that the practice of racial profiling itself contradicts the oath sworn to, is in conflict with the intent of policing, and impacts negatively on police profession. The practice can also encourage other negative behaviors by officers.

Tuition Rate Per Officer: \$24.00

COL. PAUL J. EVANKO,  
*Commissioner*

[Pa.B. Doc. No. 01-706. Filed for public inspection April 20, 2001, 9:00 a.m.]

## PENNSYLVANIA PUBLIC UTILITY COMMISSION

### Certificate of Public Convenience Without Hearing

**A-310692 F0004 and A-310692 F2000. NorthPoint Communications, Inc.** Application of NorthPoint Communications, Inc., for Emergency Approval to Transfer NorthPoint Assets to AT&T under an Order of the United States Bankruptcy Court, and for NorthPoint Communications to abandon its certificate of public convenience as a telecommunications carrier in Pennsylvania.

This application may be considered without a hearing. Protests or petitions to intervene can be filed with the Pennsylvania Public Utility Commission, P. O. Box 3265, Harrisburg, PA 17105-3265, with a copy served on the applicant on or before May 7, 2001, under 52 Pa. Code (relating to public utilities).

*Applicant:* NorthPoint Communications, Inc.

*Through:* Michael E. Olsen, Vice President and Deputy General Counsel, Government and Industry Affairs, 55858 Horton Street, 5th Floor, Emeryville, CA 94608.

JAMES J. MCNULTY,  
*Secretary*

[Pa.B. Doc. No. 01-707. Filed for public inspection April 20, 2001, 9:00 a.m.]

### Certificate of Public Convenience Without Hearing

**A-310981 F2000. Utility.com, Inc.** Application of Utility.com, Inc., for approval to abandon its certificate of public convenience as a telecommunications provider in the Commonwealth of Pennsylvania.

This application may be considered without a hearing. Protests or petitions to intervene can be filed with the

Pennsylvania Public Utility Commission, P. O. Box 3265, Harrisburg, PA 17105-3265, with a copy served on the applicant on or before May 7, 2001, under 52 Pa. Code (relating to public utilities).

*Applicant:* Utility.com, Inc.

*Through:* Fred J. Lawrence, c/o CMA Business Credit Services, 40 East Verdugo Avenue, Bubank, CA 91502-1931.

JAMES J. MCNULTY,  
*Secretary*

[Pa.B. Doc. No. 01-708. Filed for public inspection April 20, 2001, 9:00 a.m.]

### Default Order

*Commissioners Present:* John M. Quain, Chairperson; Robert K. Bloom, Vice Chairperson; Nora Mead Brownell; Aaron Wilson, Jr.; Terrance J. Fitzpatrick

Public Meeting held  
April 5, 2001

*Pennsylvania Public Utility Commission Law Bureau Prosecutory Staff v. Teltrust Communications Services, Inc. (2000.0325); Doc. No. C-00014970; A-310166*

### Default Order

*By the Commission:*

On February 28, 2001, Law Bureau Prosecutory Staff instituted a complaint against Teltrust Communications Services, Inc. (Respondent), an interexchange (IXC) reseller certificated at A-310166. In the complaint, Prosecutory Staff alleged that the Commission sent by certified mail a notice to the Respondent that its September 2000 semi-annual Telephone Consumer Education Fund assessment was overdue, and that the Respondent failed to respond to this notice. The complaint charged that the Respondent violated the Commission's Global Order entered on September 30, 1999, at Docket Nos. L-00991648 and L-00991649, establishing the Telephone Consumer Education Fund by not paying the semi-annual assessment.

The complaint sought an order from the Commission canceling the Respondent's certificate of public convenience for failure to pay its assessment. *See* 66 Pa.C.S. §§ 501 and 502. The complaint was mailed by the Secretary's Bureau on February 28, 2001, and to date, more than 20 days later, no answer has been filed to the complaint and the assessment has still not been paid; *Therefore, It Is Ordered That:*

1. The allegations in Law Bureau Prosecutory Staff's complaint are deemed admitted and the complaint is thereby sustained.

2. The Secretary serve a copy of this Order upon all jurisdictional telecommunication carriers, the Office of Consumer Advocate, the Office of Small Business Advocate, the Office of Trial Staff, and the Attorney General's Bureau of Consumer Protection, and also cause a copy of this Order to be published in the *Pennsylvania Bulletin* with a 20-day comment period.

3. Teltrust Communications Services, Inc. immediately cease providing service to any new customers and, within 10 days of the entry of this Order, provide a written notice to each existing customer directing each to select an alternative IXC service provider within 30 days of the

date of the notice. Such notice must include a statement of the Commission's intent to cancel the company's certificate of public convenience absent public comment within the 20-day time period established pursuant to Ordering Paragraph No. 2, above.

4. Absent the filing of adverse public comment, 30 days after publication in the *Pennsylvania Bulletin* and without further action by the Commission, the certificate of public convenience held by Teltrust Communications Services, Inc. at Docket No. A-310166 shall be canceled, and the company's name stricken from all active utility lists maintained by the Tariff and Annual Report Section of the Commission's Bureau of Fixed Utility Services and the Assessment Section of the Bureau of Audits.

JAMES J. MCNULTY,  
*Secretary*

[Pa.B. Doc. No. 01-709. Filed for public inspection April 20, 2001, 9:00 a.m.]

### Service of Notice of Motor Carrier Applications

The following temporary authority and/or permanent authority applications for the right to render service as a common carrier or contract carrier in this Commonwealth have been filed with the Pennsylvania Public Utility Commission (Commission). Publication of this notice shall be considered as sufficient notice to all carriers holding authority from this Commission. Applications will be considered without hearing in the absence of protests to the application. Protests to the applications published herein are due on or before May 14, 2001, as set forth at 52 Pa. Code § 3.381 (relating to applications for transportation of property and persons). The protest shall also indicate whether it applies to the temporary authority application or the permanent application or both.

#### **Applications of the following for approval to *begin* operating as *contract carriers* for transportation of *persons* as described under each application.**

**A-00117714. Tiffany Transportation, Inc.** (42 Cedar Lane, Birdsboro, Berks County, PA 19508), a corporation of the Commonwealth of Pennsylvania—persons in paratransit service for Advance Personnel Temporary Services, Inc., and Advance Personnel Staffing, Inc., between points in the county of Berks. *Attorney:* Kevin A. Moore, Berkshire Commons, Suite 400, 2201 Ridgewood Road, Wyomissing, PA 19610-1193.

#### **Applications of the following for approval to *begin* operating as *common carriers* for transportation of *persons* as described under each application.**

**A-00117712. Tri-Conn Alternative Services, Inc.** (P. O. Box 305, 301 South Arch Street, Connellsville, Fayette County, PA 15425), a corporation of the Commonwealth of Pennsylvania—persons in paratransit service, between points in the counties of Fayette, Somerset and Westmoreland and from points in said counties and from points in the county of Allegheny, to points in Pennsylvania, and return. *Attorney:* Jacqueline W. Phillips, Two Chatham Center, 12th Floor, Pittsburgh, PA 15219-3463.

#### **Applications of the following for approval of the *additional right* and *privilege* of operating motor vehicles as *common carriers* for transportation of *persons* as described under each application.**

**A-00116477, Folder 2. Angel Limousine Service, Inc.** (128 Ridgewood Avenue, Pittsburgh, Allegheny

County, PA 15229), a corporation of the Commonwealth of Pennsylvania—persons in group and party service, in vehicles seating 15 passengers or less, including the driver, from points in the county of Allegheny, to points in Pennsylvania, and vice versa.

**A-00117169, Folder 2. Bills Ultimate Limousine, Inc.** (12 Mustang Court, Holland, Bucks County, PA 18966), a corporation of the Commonwealth of Pennsylvania—persons in group and party service, in vehicles seating 15 passengers or less, including the driver, between points in the county of Bucks.

#### **Applications of the following for approval of the *additional right* and *privilege* of operating motor vehicles as *common carriers* for transportation of *persons* by *transfer of rights* as described under each application.**

**A-00105738, Folder 2. Stewart Bus Line, Inc.** (R. D. 1, Box 1845, Clarksburg, Indiana County, PA 15725), a corporation of the Commonwealth of Pennsylvania—persons in paratransit service, between points in the counties of Indiana and Clearfield, and from points in said counties, to points in Pennsylvania, and vice versa; which is to be a transfer of all of the right authorized under the certificate issued at A-00114314 to Max E. Falisec, t/d/b/a Falisec Transportation Service, subject to the same limitations and conditions.

**A-00105738, Folder 3. Stewart Bus Line, Inc.** (R. D. 1, Box 1845, Clarksburg, Indiana County, PA 15725), a corporation of the Commonwealth of Pennsylvania—persons in airport transfer service, from points in the counties of Indiana and Clearfield, to the Pittsburgh International Airport in the county of Allegheny and the Westmoreland County Airport in the county of Westmoreland; which is to be a transfer of all of the right authorized under the certificate issued at A-00114314, F. 2 to Max E. Falisec, t/d/b/a Falisec Transportation Service, subject to the same limitations and conditions.

**A-00109726, Folder 2. Executive Transportation Company, t/d/b/a Luxury Sedan Service** (167 Newport Mews Drive, Bensalem, Bucks County, PA 19020), a corporation of the Commonwealth of Pennsylvania—additional right—persons in paratransit service, between points in the city and county of Philadelphia; which is to be a transfer of the rights authorized under the certificate issued at A-00102258, F. 3 to Super Senior Transport, Inc., subject to the same limitations and conditions.

#### **Application of the following for *amendment* to the certificate of public convenience approving the operation of motor vehicles as *common carriers* for the transportation of *household goods* by *transfer* as described under each application.**

**A-00101825, Folder 1, Am-B. Lausch's Moving & Storage, Inc.** (122 West Lancaster Avenue, Shillington, Berks County, PA 19607), a corporation of the Commonwealth of Pennsylvania—household goods in use, from points in the city of Reading, Berks County, and within an airline distance of 3 statute miles of the limits of said city, to points in the zone between 20 miles and 75 miles by the usually traveled highways, of the limits of said city, provided that no right is granted to transport household goods in use from points in the said zone for delivery to the city of Reading and within an airline distance of 3 statute miles of the limits of said city, except upon order from customers living in the city of Reading and within an airline distance of 3 statute miles of the limits of said city: *So as to permit* the transportation of household goods in use, between points in the city of

Reading, Berks County, and within an airline distance of 25 statute miles of the limits of said city; subject to the following condition: that no right, power or privilege is granted to originate shipments at points in Lebanon County; which is to be a transfer of all of the rights authorized under the certificate issued at A-00108561 to Melody M. Bates, t/d/b/a Ray's Delivery Service, subject to the same limitations and conditions. *Attorney:* Richard A. Franklin, 1700 Sansom Street, 12th Floor, Philadelphia, PA 19103.

**Application of the following for approval of the right and privilege to partially discontinue/abandon operating as common carriers by motor vehicle for the transportation of persons as described under each application.**

**A-00108843, Folder 1, Am-B. Charles C. Grounds** (723 Oneida Valley Road, Butler, Butler County, PA 16001)—discontinuance of service—persons on schedule over the following routes in the city of Butler and the townships of Butler, Center, Oakland and Summit, Butler County: *Route (1)* Beginning in the city of Butler at the Tier Garage Terminal, located at the intersection of Washington and Cunningham Streets and heading east via Cunningham Street to its intersection with Main Street, thence south via Main Street to its intersection with Wayne Street, thence east via Wayne Street to its intersection with McKean Street, thence north via McKean Street to its intersection with Cunningham Street, thence east via Cunningham Street to its intersection with Cliff Street, thence north via Cliff Street to its intersection with Jefferson Street, thence east via Jefferson Street to its intersection with Franklin Street, thence north via Franklin Street to its intersection with Penn Street, thence west via Penn Street to its intersection with Mercer Street, thence south via Mercer Street to its intersection with New Castle Street, thence west via New Castle Street to its intersection with Hansen Avenue, thence south via Hansen Avenue to its intersection with Bessemer Avenue, thence west via Bessemer Avenue to its intersection with Butler Street, thence northwest via Butler Street to its intersection with Ferguson Avenue, thence north via Ferguson Avenue to its intersection with Shady Avenue, thence northwest via Shady Avenue to its intersection with Young Avenue, thence north via Young Avenue to its intersection with Whitestown Road, thence west via Whitestown to its intersection with Duffy Road, thence north via Duffy Road to its intersection with Pennsylvania State Highway Route 356, thence west via Pennsylvania State Highway Route 356 to the Butler Mall, thence via Pennsylvania State Highway Route 356 to its intersection with Pennsylvania State Highway Route 68, thence west via Pennsylvania State Highway Route 68 to its intersection with Duffy Road, thence south via Duffy Road to its intersection with Whitestown Road, thence east via Whitestown Road to its intersection with Young Avenue, thence south via Young Avenue to its intersection with Shady Avenue, thence southeast via Shady Avenue to its intersection with Ferguson Avenue, thence southwest via Ferguson Avenue to its intersection with Butler Street, thence east via Butler Street to its intersection with Bessemer Avenue, thence east via Bessemer Avenue to its intersection with Hansen Avenue, thence north via Hansen Avenue to its intersection with New Castle Street, thence east via New Castle Street to its intersection with Mercer Street, thence north via Mercer Street to its intersection with Penn Street, thence east via Penn Street to its intersection with Main Street, thence south via Main Street to its intersection with Wayne Street, thence east

via Wayne Street to its intersection with McKean Street, thence north via McKean Street to its intersection with Cunningham Street, thence east via Cunningham Street to its intersection with Cliff Street, thence north via Cliff Street to its intersection with Jefferson Street, thence west via Jefferson Street to its intersection with Washington Street, thence south via Washington Street to its intersection with Cunningham Street and terminating at the Tier Garage Terminal; *Route (2)* Beginning at the Tier Garage Terminal and heading east via Cunningham Street to its intersection with Main Street, thence south via Main Street to its intersection with Wayne Street, thence east via Wayne Street to its intersection with Center Avenue, thence southeast via Center Avenue to its intersection with Lincoln Avenue, thence northeast via Lincoln Avenue to its intersection with Kaufman Drive (Father Marinaro Park), thence east via Kaufman Drive to its intersection with Ziegler Avenue, thence west via Ziegler Avenue to its intersection with Center Avenue, thence southeast via Center Avenue (combining with Pennsylvania State Highway Route 356) to its intersection with Morton Avenue, thence northwest via Morton Avenue to its intersection with Hillview Drive, thence south via Hillview Drive to the Irene Stacy Mental Health Clinic, thence north via Hillview Drive to its intersection with Morton Avenue, thence northwest via Morton Avenue to its intersection with Freemont Avenue, thence north via Freemont Avenue to its intersection with Brugh Avenue, thence east via Brugh Avenue to its intersection with Fairview Avenue, thence north via Fairview Avenue to its intersection with Wayne Street, thence west via Wayne Street to its intersection with McKean Street, thence north via McKean Street to its intersection with Jefferson Street, thence west via Jefferson Street to its intersection with Washington Street, thence south via Washington Street to its intersection with Cunningham Street, thence east via Cunningham Street to the Tier Garage Terminal; *Route (3)* Beginning at the Tier Garage Terminal and heading east via Cunningham Street to its intersection with Main Street, thence south via Main Street to its intersection with Wayne Street, thence east via Wayne Street to its intersection with McKean Street, thence north via McKean Street to its intersection with Cunningham Street, thence east via Cunningham Street to its intersection with Cliff Street, thence north via Cliff Street to its intersection with Jefferson Street, thence east via Jefferson Street to its intersection with Franklin Street, thence north via Franklin Street to its intersection with Brady Street, thence east via Brady Street to Butler County Memorial Hospital, thence north via Brady Street to the intersection of Jefferson Street, thence west via Jefferson Street to its intersection with Second Street, thence north via Second Street to its intersection with Pearl Street, thence west via Pearl Street to its intersection with McKean Street, thence south via McKean Street to its intersection with Penn Street, thence west via Penn Street to its intersection with Main Street, thence south via Main Street to its intersection with Wayne Street, thence east via Wayne Street to its intersection with McKean Street, thence north via McKean Street to its intersection with Cunningham Street, thence east via Cunningham Street to its intersection with Cliff Street, thence north via Cliff Street to its intersection with Jefferson Street, thence west on Jefferson Street to its intersection with Washington Street, thence south via Washington Street to its intersection with Cunningham Street to terminate at the Tier Garage Terminal; *Route (4)* Beginning at the Tier Garage Terminal and heading east via Cunningham Street to its intersection with Main Street, thence south via Main Street (becoming Pennsyl-

vania State Highway Route 8) to its intersection with Roosevelt Boulevard, thence south via Roosevelt Boulevard to Butler Community College, thence from Butler Community College heading north via Roosevelt Boulevard to its intersection with Litman Road, thence north via Litman Road to its intersection with Pennsylvania State Highway Route 8 (becoming Main Street) to its intersection with Wayne Street, thence west via Wayne Street to its intersection with Chestnut Street, thence north via Chestnut Street to its intersection with Cunningham Street, thence east via Cunningham Street to terminate at the Tier Garage Terminal; and *Route (5)* Beginning at the Tier Garage Terminal and heading east via Cunningham Street to its intersection with Main Street, thence north via Main Street (Becoming Pennsylvania State Highway Route 8) to its intersection with Mercer Road and Kerr's Shopping Center, thence south via Pennsylvania State Highway Route 8 (becoming Main Street) to its intersection with Cunningham Street, thence west via Cunningham Street to terminate at the Tier Garage Terminal; subject to the following condition: That all service herein authorized is limited to the use of motor vehicles with a seating capacity of more than 16 passengers, but less than 29 passengers.

JAMES J. MCNULTY,  
*Secretary*

[Pa.B. Doc. No. 01-710. Filed for public inspection April 20, 2001, 9:00 a.m.]

### Telecommunications

**A-310751F0002. Verizon Pennsylvania Inc. and Allegiance Telecom of Pennsylvania, Inc.** Joint petition of Verizon Pennsylvania Inc. and Allegiance Telecom of Pennsylvania, Inc. for approval of amendment no. 1 to interconnection agreement under section 252(e) of the Telecommunications Act of 1996.

Verizon Pennsylvania Inc. and Allegiance Telecom of Pennsylvania, Inc. filed on April 4, 2001, at the Pennsylvania Public Utility Commission (Commission), a joint petition for approval of an interconnection agreement under sections 251 and 252 of the Telecommunications Act of 1996.

Interested parties may file comments concerning the petition and agreement with the Secretary, Pennsylvania Public Utility Commission, P. O. Box 3265, Harrisburg, PA 17105-3265. Comments are due on or before 10 days after the date of publication of this notice. Copies of the Verizon Pennsylvania Inc. and Allegiance Telecom of Pennsylvania, Inc. joint petition are on file with the Commission and are available for public inspection.

The contact person is Cheryl Walker Davis, Director, Office of Special Assistants, (717) 787-1827.

JAMES J. MCNULTY,  
*Secretary*

[Pa.B. Doc. No. 01-711. Filed for public inspection April 20, 2001, 9:00 a.m.]

### Telecommunications

**A-311001F0002. Verizon Pennsylvania Inc. and Eureka Telecom, LLC.** Joint petition of Verizon Pennsylvania

Inc. and Eureka Telecom, LLC for approval of a resale agreement under section 252(e) of the Telecommunications Act of 1996.

Verizon Pennsylvania Inc. and Eureka Telecom, LLC filed on April 9, 2001, at the Pennsylvania Public Utility Commission (Commission), a joint petition for approval of a resale agreement under sections 251 and 252 of the Telecommunications Act of 1996.

Interested parties may file comments concerning the petition and agreement with the Secretary, Pennsylvania Public Utility Commission, P. O. Box 3265, Harrisburg, PA 17105-3265. Comments are due on or before 10 days after the date of publication of this notice. Copies of the Verizon Pennsylvania Inc. and Eureka Telecom, LLC joint petition are on file with the Commission and are available for public inspection.

The contact person is Cheryl Walker Davis, Director, Office of Special Assistants, (717) 787-1827.

JAMES J. MCNULTY,  
*Secretary*

[Pa.B. Doc. No. 01-712. Filed for public inspection April 20, 2001, 9:00 a.m.]

### Transfer by Sale Without Hearing

**A-213550F0016; A-2300876; A-230056F2001; and A-210532F2001. York Water Company, CMV Water Company, Inc. and CMV Sewage Company, Inc.** Application of the York Water Company, CMV Water Company, Inc. and CMV Sewage Company, Inc., for approval of: 1) the transfer by sale of certain waterworks and sewage property and rights of CMV Water Company, Inc., and CMV Sewage Company, Inc., to the York Water Company; 2) the right of The York Water Company to begin to offer or furnish water and wastewater service to the public in a portion of Chanceford Township and Felton Borough, York County, PA, and 3) the abandonment by CMV Water Company, Inc., and CMV Sewage Company, Inc., of water and sewage service to the public in Chanceford Township, PA.

This application may be considered without a hearing. Protests or petitions to intervene can be filed with the Pennsylvania Public Utility Commission, P. O. Box 3265, Harrisburg, PA 17105-3265, with a copy served on the applicant on or before May 7, 2001, under 52 Pa. Code (relating to public utilities).

*Applicant:* The York Water Company, CMV Water Company, Inc., CMV Sewage Company, Inc.

*Through and By Counsel:* Michael W. Gang, Esquire, Michael W. Hassell, Esquire, Morgan, Lewis and Bockius, One Commerce Square, 417 Walnut Street, Harrisburg, PA 17101-1904 and Lillian Harris, Esquire, Louise Knight, Esquire, Malatesta, Hawke and McKeon, LLP, 100 North Tenth Street, Harrisburg, PA 17101.

JAMES J. MCNULTY,  
*Secretary*

[Pa.B. Doc. No. 01-713. Filed for public inspection April 20, 2001, 9:00 a.m.]

### Transfer of Stock Without Hearing

**A-230054F5000 and A-230054F2000. Kebert Enterprises, Inc.** Application of Kebert Enterprises, Inc., for approval of the transfer to Meadville Area Industrial Commission of all the outstanding capital stock of Kebert Enterprises, Inc.

This application may be considered without a hearing. Protests or petitions to intervene can be filed with the Pennsylvania Public Utility Commission, P. O. Box 3265, Harrisburg, PA 17105-3265, with a copy served on the applicant on or before May 7, 2001, under 52 Pa. Code (relating to public utilities).

*Applicant:* Kebert Enterprises, Inc.

*Through and By Counsel:* Guy P. Beneventano, Esquire, Mette, Evans and Woodside, 3401 North Front Street, P. O. Box 5950, Harrisburg, PA 17110-0950.

JAMES J. MCNULTY,  
*Secretary*

[Pa.B. Doc. No. 01-714. Filed for public inspection April 20, 2001, 9:00 a.m.]

### Wastewater Without Hearing

**A-230086. Nantmeal Warwick Filter Company, Inc.** Application of Nantmeal Warwick Filter Company, Inc., for approval to offer, render, furnish or supply wastewater collection, treatment and disposal services to the public in portions of Elverson Borough, West Nantmeal Township, East Nantmeal Township and Warwick Township, Chester County, PA.

This application may be considered without a hearing. Protests or petitions to intervene can be filed with the Pennsylvania Public Utility Commission, P. O. Box 3265, Harrisburg, PA 17105-3265, with a copy served on the applicant on or before May 7, 2001, under 52 Pa. Code (relating to public utilities).

*Applicant:* Nantmeal Warwick Filter Company, Inc.

*Through:* Merle W. Stoltzfus, President, 26 East Main Street, Elverson, PA 19520.

JAMES J. MCNULTY,  
*Secretary*

[Pa.B. Doc. No. 01-715. Filed for public inspection April 20, 2001, 9:00 a.m.]

## PHILADELPHIA REGIONAL PORT AUTHORITY

### Request for Bids

The Philadelphia Regional Port Authority (PRPA) will accept sealed bids for Project #0103.1, Installation of

Canopy & Repairs to Existing Canopies, Pier 84 South until 2 p.m. on Thursday, May 10, 2001. The bid documents can be obtained from the Director of Procurement, PRPA, 3460 N. Delaware Ave., 2nd Fl., Philadelphia, PA 19134, (215) 426-2600 and will be available April 24, 2001. The cost of the bid document is \$35 (includes 7% PA Sales Tax). The cost is nonrefundable. PRPA is an equal opportunity employer. Contractor must comply with all applicable equal opportunity laws and regulations.

Mandatory prebid job site meeting will be held May 3, 2001, 10 a.m. at Pier 84 S., Porter St. & Columbus Blvd., Philadelphia, PA.

JAMES T. MCDERMOTT,  
*Executive Director*

[Pa.B. Doc. No. 01-716. Filed for public inspection April 20, 2001, 9:00 a.m.]

### Request for Bids

The Philadelphia Regional Port Authority (PRPA) will accept sealed bids for Project #0114.1, Crane Runway Sockets, Packer Avenue Marine Terminal (PAMT), until 3 p.m. on Thursday, May 10, 2001. The bid documents can be obtained from the Director of Procurement, PRPA, 3460 N. Delaware Ave., 2nd Fl., Philadelphia, PA 19134, (215) 426-2600 and will be available April 25, 2001. The cost of the bid documents is \$35 (includes 7% PA sales tax) which is nonrefundable. PRPA is an equal opportunity employer. Contractor must comply with all applicable equal employment opportunity laws and regulations.

Mandatory prebid job site meeting will be held Thursday, May 3, 2001, 11 a.m. at the job site, Packer Ave. & Columbus Blvd., Philadelphia, PA 19148.

JAMES T. MCDERMOTT,  
*Executive Director*

[Pa.B. Doc. No. 01-717. Filed for public inspection April 20, 2001, 9:00 a.m.]

### Request for Prequalification; Project #0118.0

The Philadelphia Regional Port Authority (PRPA) seeks to prequalify vendors for the purchase of two shore based container handling gantry cranes. Vendor qualification forms can be obtained from the Director of Procurement, PRPA, 3460 N. Delaware Avenue, 2nd Floor, Philadelphia, PA 19134, (215) 426-2600 and will be available April 24, 2001.

Qualification forms must be submitted by May 8, 2001. RFP packages will be given to all vendors qualified by the PRPA. PRPA is an equal opportunity employer. The contractor must comply with all applicable equal opportunity laws and regulations.

JAMES T. MCDERMOTT, Jr.,  
*Executive Director*

[Pa.B. Doc. No. 01-718. Filed for public inspection April 20, 2001, 9:00 a.m.]

# PUBLIC SCHOOL EMPLOYEES' RETIREMENT BOARD

## Hearings Scheduled

Hearings have been scheduled, as authorized by 24 Pa.C.S. Part IV (relating to Public School Employees' Retirement Code), in connection with the Public School Employees' Retirement System's denial of Claimants' requests concerning the indicated accounts.

The hearings will be held before a hearing examiner at the Public School Employees' Retirement System, 5 North Fifth Street, Harrisburg, PA 17101:

May 30, 2001	Ruth Smallwood Cella (Multiple Service)	1 p.m.
	Karen A. Klaus (Multiple Service)	2:30 p.m.

Persons with a disability who wish to attend the above-listed hearings and require an auxiliary aid, service or other accommodation to participate in the proceedings, should contact Marilyn Fuller-Smith, Assistant Executive Director, at (717) 720-4700 to discuss how the Public School Employees' Retirement System may best accommodate their needs.

Parties may appear with or without counsel and offer relevant testimony or evidence to support their respective positions. The hearings will be held in accordance with the requirements of 2 Pa.C.S. §§ 501—508 and 701—704 (relating to the Administrative Agency Law). Under 22 Pa. Code § 201.1 (relating to applicability of general rules), procedural matters will be in conformance with 1 Pa. Code Part II (relating to the General Rules of Administrative Practice and Procedure) unless specific exemption is granted.

DALE H. EVERHART,  
*Secretary*

[Pa.B. Doc. No. 01-719. Filed for public inspection April 20, 2001, 9:00 a.m.]

# STATE CONTRACTS INFORMATION

## DEPARTMENT OF GENERAL SERVICES

Notices of invitations for bids and requests for proposals on State contracts for services and commodities for which the bid amount is reasonably expected to be over \$10,000, are published in the State Contracts Information Section of the *Pennsylvania Bulletin* prior to bid opening date. Information in this publication is intended only as notification to its subscribers of available bidding and contracting opportunities, and is furnished through the Department of General Services, Vendor Information and Support Division. No action can be taken by any subscriber or any other person, and the Commonwealth of Pennsylvania is not liable to any subscriber or any other person, for any damages or any other costs incurred in connection with the utilization of, or any other reliance upon, any information in the State Contracts Information Section of the *Pennsylvania Bulletin*. Interested persons are encouraged to call the contact telephone number listed for the particular solicitation for current, more detailed information.

**EFFECTIVE JULY 1, 1985, A VENDOR'S FEDERAL IDENTIFICATION NUMBER (NUMBER ASSIGNED WHEN FILING INCOME TAX DOCUMENTS) OR SOCIAL SECURITY NUMBER IF VENDOR IS AN INDIVIDUAL, MUST BE ON ALL CONTRACTS, DOCUMENTS AND INVOICES SUBMITTED TO THE COMMONWEALTH.**

Act 266 of 1982 provides for the payment of interest penalties on certain invoices of "qualified small business concerns". The penalties apply to invoices for goods or services when payments are not made by the required payment date or within a 15 day grace period thereafter.

Act 1984-196 redefined a "qualified small business concern" as any independently owned and operated, for-profit business concern employing 100 or fewer employees. See 4 Pa. Code § 2.32. The business must include the following statement on every invoice submitted to the Commonwealth: "(name of business) is a qualified small business concern as defined in 4 Pa. Code 2.32."

A business is eligible for payments when the required payment is the latest of:

- The payment date specified in the contract.
- 30 days after the later of the receipt of a proper invoice or receipt of goods or services.
- The net payment date stated on the business' invoice.

A 15-day grace period after the required payment date is provided to the Commonwealth by the Act.

For more information: contact: Small Business Resource Center  
 PA Department of Community and Economic Development  
 374 Forum Building  
 Harrisburg, PA 17120  
 800-280-3801 or (717) 783-5700

### Reader's Guide



Legal Services & Consultation

① Service Code Identification Number

② Commodity/Supply or Contract Identification No.

**B-54137.** Consultant to provide three 2-day training sessions, covering the principles, concepts, and techniques of performance appraisal and standard setting with emphasis on performance and accountability, with a knowledge of State Government constraints.

Department: General Services  
 Location: Harrisburg, Pa.  
 Duration: 12/1/93-12/30/93  
 Contact: Procurement Division 787-0000

③ Contract Information

④ Department

⑤ Location

⑥ Duration

⑦

(For Commodities: Contact:)  
 Vendor Services Section  
 717-787-2199 or 717-787-4705

#### REQUIRED DATA DESCRIPTIONS

- ① Service Code Identification Number: There are currently 39 state service and contractual codes. See description of legend.
- ② Commodity/Supply or Contract Identification No.: When given, number should be referenced when inquiring of contract of Purchase Requisition. If more than one number is given, each number represents an additional contract.
- ③ Contract Information: Additional information for bid preparation may be obtained through the departmental contracting official.
- ④ Department: State Department or Agency initiating request for advertisement.
- ⑤ Location: Area where contract performance will be executed.
- ⑥ Duration: Time estimate for performance and/or execution of contract.
- ⑦ Contact: (For services) State Department or Agency where vendor inquiries are to be made.

(For commodities) Vendor Services Section (717) 787-2199 or (717) 787-4705

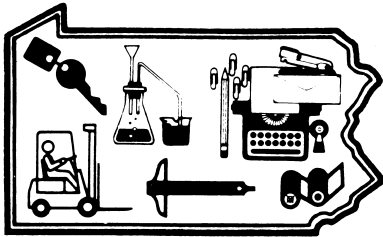


## GET A STEP AHEAD IN COMPETING FOR A STATE CONTRACT!

The Treasury Department's Bureau of Contracts and Public Records can help you do business with state government agencies. Our efforts focus on guiding the business community through the maze of state government offices. The bureau is, by law, the central repository for all state contracts over \$5,000. Bureau personnel can supply descriptions of contracts, names of previous bidders, pricing breakdowns and other information to help you submit a successful bid on a contract. We will direct you to the appropriate person and agency looking for your product or service to get you "A Step Ahead." Services are free except the cost of photocopying contracts or dubbing a computer diskette with a list of current contracts on the database. A free brochure, "Frequently Asked Questions About State Contracts," explains how to take advantage of the bureau's services.

Contact: **Bureau of Contracts and Public Records**  
 Pennsylvania State Treasury  
 Room G13 Finance Building  
 Harrisburg, PA 17120  
 717-787-2990  
 1-800-252-4700

BARBARA HAFER,  
*State Treasurer*



### Commodities

**6350-03** Surveillance & Security Equipment & Supplies. During each quarter of the current calendar year, new contractors may seek to be added to the list of qualified contractors for the Surveillance & Security Equipment & Supplies, 6350-03. Also existing qualified contractors may seek to become qualified for additional categories of supplies or services. In order to be considered, contractors must submit a completed bid, 6350-03, to ensure receipt by the Commonwealth on or before 1:30 p.m. on the last Commonwealth business day of each quarter (the "deadline"). A "quarter" is defined as the three consecutive calendar months ending with the last business day of the months of March, June, September, and December of a calendar year. Those bids received before the deadline will be evaluated beginning the 1st business day of the month immediately following the deadline. The evaluation cycle will take an estimated 25 Commonwealth business days (subject to workload and holidays). Bids received after the deadline (but on or before the deadline for the next quarter) will be held and evaluated after the deadline for the next quarter. There will be no exceptions. To receive copy of bid package fax request to (717) 787-0725 or call our faxback system at (717) 705-6001.

**Department:** General Services  
**Location:** Harrisburg, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**7809-67** Fabric, lining.

**Department:** Corrections  
**Location:** Correctional Industries, SCI Waymart, Route 6, Waymart, PA 18472  
**Duration:** 1 year  
**Contact:** Maryann Ulrich, (717) 731-7134

**8141530** Superpave Wearing Course, Complete in Place.

**Department:** Transportation  
**Location:** Maintenance District 1-4, Mercer, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**1551110** Stainless Steel Sheet and Tubing.

**Department:** Corrections  
**Location:** Frackville, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**1541110** Circular Jersey Knitting Machines.

**Department:** Corrections  
**Location:** Graterford, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**5850-01** Microcomputer, LAN Hardware & Peripherals. During each quarter of the current calendar year, new contractors may seek to be added to the list of qualified contractors for the Microcomputer & Local Area Network (LAN) Hardware & Peripherals, 5850-01. Also existing qualified contractors may seek to become qualified for additional categories of supplies or services. In order to be considered, contractors must submit a completed bid, 5850-01, to ensure receipt by the Commonwealth on or before 1:30 p.m. on the last Commonwealth business day of each quarter (the "deadline"). A "quarter" is defined as the three consecutive calendar months ending with the last business day of the months of March, June, September, and December of a calendar year. Those bids received before the deadline will be evaluated beginning the 1st business day of the month immediately following the deadline. The evaluation cycle will take an estimated 25 Commonwealth business days (subject to workload and holidays). Bids received after the deadline (but on or before the deadline for the next quarter) will be held and evaluated after the deadline for the next quarter. There will be no exceptions. To receive copy of bid package fax request to (717) 787-0725 or call our faxback system at (717) 705-6001.

**Department:** General Services  
**Location:** Harrisburg, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**1530340** Digital Video Impairment Monitor. If you have problems downloading a bid, please call our Fax Back System at (717) 705-6001.

**Department:** PA Public TV Network  
**Location:** Hershey, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**1549110** Barring, Cotton

**Department:** Corrections  
**Location:** Dallas, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**1020** Furnish: Fabricated Structural Steel (Hot Dip Galvanized). Please Note: All Structural steel is to meet the requirements of ASTM-A709 Designation, Grade 90. All steel fasteners are 7/8" Diameter ASTM-A325 (AASHTO M164) Bolts.

**Department:** Transportation  
**Location:** Delivered to job site location.  
**Duration:** December 31, 2001  
**Contact:** Andrew A. Skunda, (724) 284-8800

**CS-6440** 1,900 Rolls - Evidence tape, clear, white-stripe "Zipr-Weld," "Pennsylvania State Police" printed on tape, 1-3/8" x 108", with dispenser box, Lynn Peavy #88884 or approved equal.

**Department:** State Police  
**Location:** Central Supply Section, 1800 Elmerton Avenue, Harrisburg, PA 17110  
**Duration:** June 30, 2001  
**Contact:** Mike Knepp, (717) 783-5502

**6350-01** Security System Services. During each quarter of the current calendar year, new contractors may seek to be added to the list of qualified contractors for the Security System Services, 6350-01. Also existing qualified contractors may seek to become qualified for additional categories of supplies or services. In order to be considered, contractors must submit a completed bid, 6350-01, to ensure receipt by the Commonwealth on or before 1:30 p.m. on the last Commonwealth business day of each quarter (the "deadline"). A "quarter" is defined as the three consecutive calendar months ending with the last business day of the months of March, June, September, and December of a calendar year. Those bids received before the deadline will be evaluated beginning the 1st business day of the month immediately following the deadline. The evaluation cycle will take an estimated 25 Commonwealth business days (subject to workload and holidays). Bids received after the deadline (but on or before the deadline for the next quarter) will be held and evaluated after the deadline for the next quarter. There will be no exceptions. To receive copy of bid package fax request to (717) 787-0725 or call our faxback system at (717) 705-6001.

**Department:** General Services  
**Location:** Harrisburg, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**8187050** Printing and Delivery of 2001 Pennsylvania Airport Directory.

**Department:** Transportation  
**Location:** New Cumberland, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**1423380** Latest Model 58,000 LB GVWR Tandem Axle Dump Truck.

**Department:** General Services  
**Location:** Harrisburg, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**1536070** Continuous Form, 1 Part. If you have problems downloading a bid, please call our Fax Back System at (717) 705-6001.

**Department:** General Services  
**Location:** Harrisburg, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**4131-4135 VAR DRIVE** Variable Speed Drives w/Bypass Package, Magnetek GPD506 or equal, three (3) units to be purchased.

**Department:** Fish and Boat Commission  
**Location:** Central Warehouse, Robinson Lane, Pleasant Gap, PA 16823  
**Duration:** Delivery by June 30, 2001  
**Contact:** Kathi Tibbott, Purchasing Agent, (814) 359-5130

**1003151** Furnish and Install Heating Supply System. If you have problems downloading a bid, please call our Fax Back System at (717) 705-6001.

**Department:** Education  
**Location:** PA State University, University Park, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**7314600** Furnish and Install—Flow Racks. If you have problems downloading a bid, please call our Fax Back System at (717) 705-6001.

**Department:** Liquor Control Board  
**Location:** Taylor, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**9905-05** Sheets/Inks & Supplies Reflect. For a copy of the bid package fax your request to (717) 787-0725.

**Department:** Corrections  
**Location:** Huntingdon, PA  
**Duration:** 08/01/01—07/31/02  
**Contact:** Vendor Services, (717) 787-2199

**ESO-152 & 173** Miscellaneous laser product light mounted fore end w/light, pistols, stocks. Slings & Night Sights, H & K Products.

**Department:** State Police  
**Location:** 171 E. Hersheypark Drive, Hershey, PA. 17033  
**Duration:** June 30, 2001  
**Contact:** Robert D. Stare, (717) 705-5921

**1420380** Equipment Trailers.

**Department:** Conservation and Natural Resources  
**Location:** Various, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**1539380** Handguns (9mm), Holsters and Magazine Pouches. If you have problems downloading a bid, please call our Fax Back System at (717) 705-6001.

**Department:** Conservation and Natural Resources  
**Location:** Harrisburg, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**ESO-146** 18 Each, Canine Vehicle Temperature Monitor Systems, I. C. Cubed Chilly Dog. NO SUBSTITUTE.

**Department:** State Police  
**Location:** 171 E. Hersheypark Dr., Hershey, PA. 17033  
**Duration:** June 30, 2001  
**Contact:** Robert D. Stare, (717) 705-5921

**1548340** Encoding and Decoding Equipment. If you have problems downloading a bid, please call our Fax Back System at (717) 705-6001.

**Department:** PA Public TV Network  
**Location:** Hershey, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**6810-02** Chloride, Sodium. For a copy of the bid package fax your request to (717) 787-0725.

**Department:** General Services  
**Location:** Various  
**Duration:** 08/01/01 - 07/31/02  
**Contact:** Vendor Services, (717) 787-2199

**FL-260123** Furnish & install electronic anti-shoplifting system in two (2) Wine & Spirits Shoppes per bid specifications.

**Department:** Liquor Control Board  
**Location:** Pittsburgh, PA  
**Contact:** Robert L. Isenberg, (717) 787-9855

**5810-03** Microcomputer & Local Area Network (LAN) Software. During each quarter of the current calendar year, new contractors may seek to be added to the list of qualified contractors for the Microcomputer & Local Area Network (LAN) Software, 5810-03. Also existing qualified contractors may seek to become qualified for additional categories of supplies or services. In order to be considered, contractors must submit a completed bid, 5810-03, to ensure receipt by the Commonwealth on or before 1:30 p.m. Eastern Time on the last Commonwealth business day of each quarter (the "deadline"). A "quarter" is defined as the three consecutive calendar months ending with the last business day of the months of March, June, September, and December of a calendar year. Those bids received before the deadline will be evaluated beginning the 1st business day of the month immediately following the deadline. The evaluation cycle will take an estimated 25 Commonwealth business days (subject to workload and holidays). Bids received after the deadline (but on or before the deadline for the next quarter) will be held and evaluated after the deadline for the next quarter. There will be no exceptions. To receive copy of bid package fax request to (717) 787-0725 or call our faxback system at (717) 705-6001.

**Department:** General Services  
**Location:** Harrisburg, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**73100-00-176** ACA FlameX ticking; Striped, 43" wide, 100% cotton, 7 ounce type II, class II. To be bid as needed.

**Department:** Corrections  
**Location:** Correctional Industries, State Correctional Inst., Dallas, PA. 18612  
**Duration:** FY-00  
**Contact:** Joseph P. Kanjorski, (570) 773-2158 EXT. 560

**MN-00-0889** The Contractor shall supply thirty-two (32) each of Catalog #SXDPH-20/20-332-3A-F2-PL7-1/EB-120V MORLITE, or approved equal, Fluorescent Fixtures, AND, twelve (12) Catalog #WCT-1-0/0 -2-26Q-EB-1-120-1/9-1 KENDALL, or approved equal, Fluorescent Fixtures. The Commonwealth reserves the right to award on either a Line or Group Award basis in the best interests of the Commonwealth. Bid on file in agency Purchasing Department.

**Department:** Corrections  
**Location:** State Correctional Institution at Cresson, P. O. Box A, Old Route 22, Cresson, PA 16630  
**Duration:** May 1, 2001—June 30, 2001  
**Contact:** Barbara A. Lloyd, Purchasing Agent, (814) 886-8181, X166

**A-01-512** Vendor to supply inmate food serving trays 18" X 9-1/2" X 1 9/16" with 7 compartments to the State Correctional Inst. Graterford and any other related product required.

**Department:** Corrections  
**Location:** State Correctional Inst. Graterford, Box 246, Off Rt. 29, Graterford, PA 19426  
**Duration:** 1 Year (as required)  
**Contact:** Kelly Richardson, (610) 489-4151

**LE-00004** Uniform Shirt, long sleeve, tan, brand: Elbeco, Duty Plus.

**Department:** Fish and Boat Commission  
**Location:** Harrisburg, PA  
**Duration:** One time purchase  
**Contact:** Dennis Grove, (717) 705-7915

**0028-04** Voter Reg. Forms. For a copy of the bid package fax your request to (717) 787-0725.

**Department:** General Services  
**Location:** Various  
**Duration:** 09/01/01—08/31/02  
**Contact:** Vendor Services, (717) 787-2199

**8145650** Precast R.C. Box Culvert.

**Department:** Transportation  
**Location:** Patton, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**1552350** Recycled Tote Bags.

**Department:** Environmental Protection  
**Location:** Harrisburg, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**1554110** Twill.

**Department:** Corrections  
**Location:** Huntingdon, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**7809-67b** Fabric, pocketing.

**Department:** Corrections  
**Location:** Correctional Industries, SCI Waymart, Route 6, Waymart, PA 18472  
**Duration:** 1 year  
**Contact:** Maryann Ulrich, (717) 731-7134

**FL-260121** Carpet tile, Type: FLOR-S, Color: #609174, Artic Dawn, Manufactured by Interface Flooring Systems, Inc. No substitutes.

**Department:** Liquor Control Board  
**Location:** Pittsburgh, PA  
**Contact:** Robert L. Isenberg, (717) 787-9855

**8120-12** Above Ground Concrete Vaulted Storage Tanks. For a copy of the bid package fax your request to (717) 787-0725.

**Department:** General Services  
**Location:** Various  
**Duration:** 08/01/01—07/31/02  
**Contact:** Vendor Services, (717) 787-2199

**0027-04** SWIF Forms Mngt. Services Program. For a copy of the bid package fax your request to (717) 787-0725.

**Department:** Labor and Industry  
**Location:** Various  
**Duration:** 09/01/01—08/31/02  
**Contact:** Vendor Services, (717) 787-2199

**7350-04** Trays, Insulated With Covers. For a copy of the bid package fax your request to (717) 787-0725.

**Department:** General Services  
**Location:** Various  
**Duration:** 08/01/01—07/31/02  
**Contact:** Vendor Services, (717) 787-2199

**0049-04** Fishing License Forms Contract. For a copy of the bid package fax your request to (717) 787-0725.

**Department:** Fish and Boat Commission  
**Location:** Various  
**Duration:** 09/01/01—08/31/02  
**Contact:** Vendor Services, (717) 787-2199

**0064-04** PSERS Newsletter. For a copy of the bid package fax your request to (717) 787-0725.

**Department:** State Employees' Retirement System  
**Location:** Various  
**Duration:** 08/01/01—07/31/02  
**Contact:** Vendor Services, (717) 787-2199

**5610-37** Bituminous Stockpile Patch Mat/Cold Mix. For a copy of the bid package fax your request to (717) 787-0725.

**Department:** Transportation  
**Location:** Various  
**Duration:** 09/01/01—08/31/02  
**Contact:** Vendor Services, (717) 787-2199

**5684-02** Corrugated Metal Pipe. For a copy of the bid package fax your request to (717) 787-0725.

**Department:** General Services  
**Location:** Various  
**Duration:** 08/01/01—07/31/02  
**Contact:** Vendor Services, (717) 787-2199

**6760-03** Electronic Benefits Transfer (EBT) Cards. For a copy of the bid package fax your request to (717) 787-0725.

**Department:** Public Welfare  
**Location:** Various  
**Duration:** 09/01/01—08/31/02  
**Contact:** Vendor Services, (717) 787-2199

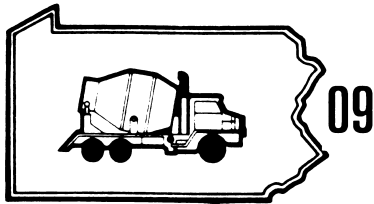
**1533350** CDC Miniature Light Trap and CDC Gravid Trap.

**Department:** Environmental Protection  
**Location:** Harrisburg, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199

**0011-04** Imprinting Made Up Envelope. For a copy of the bid package fax your request to (717) 787-0725.

**Department:** General Services  
**Location:** Various  
**Duration:** 08/01/01—07/31/02  
**Contact:** Vendor Services, (717) 787-2199

## SERVICES



### Construction & Construction Maintenance

**DGS A 509-108** PROJECT TITLE: Roof Replacement/Repair—Building No. 49. BRIEF DESCRIPTION: Preparation of all substrates, installation of new seamless silicone/polyurethane insulated roof system with roof granules in protective coating (repair of 5% of decking in areas #1). New 1/4" galvanized wire mesh around all drains, 2.5 lbs. galvanized wire lath at all perimeters and areas where roofs display elevational steps, as designated on drawing A1 or 1. ESTIMATED RANGE: Under \$100,000.00. General Construction. PLANS DEPOSIT: \$25.00 per set payable to: COMMONWEALTH OF PA. Refundable upon return of plans and specifications in reusable condition as construction documents within 15 days after the bid opening date. Bidder is responsible for the cost of delivery of the plans and specifications. Contact the office listed below to arrange for delivery of documents. A separate check must be submitted to cover the cost of delivery. Mail a separate check for \$5.00 per set or provide your express mail account number to the office listed below. Mail requests to: Department of General Services, Room 107 Headquarters Building, 18th and Herr Streets, Harrisburg, PA 17125, (717) 787-3923. Bid Date: WEDNESDAY, May 2, 2001 at 1 p.m.

**Department:** General Services  
**Location:** Norristown State Hospital, Norristown, Montgomery County, PA  
**Duration:** 120 CALENDAR DAYS FROM DATE OF INITIAL JOB CONFERENCE  
**Contact:** Contract and Bidding Unit, (717) 787-6556

**FDC-215-842.1** All General Construction work associated with replacing three (3) sewage lift stations at M.K. Goddard State Park in Mercer County. Force Main Cleaning—2,000 L.F.; waterproofing—1,200 S.F.; meters; 3 lift stations; concrete—5 C.Y.; chain link fencing—272 L.F.; E & S measures; demolition; seeding and mulching; 1 tap-in; back flushing, and a pump truck for 8 hours. NOTE: Requests for Bid Documents may be made ON or AFTER April 25, 2001.

**Department:** Conservation and Natural Resources  
**Location:** New Vernon, Mill Creek and Sandy Lake Townships  
**Duration:** 180 Days  
**Contact:** Construction Management Section, (717) 787-5055

**FDC-215-842.4** All Electrical Work associated with replacing three (3) sewage lift stations at M.K. Goddard State Park in Mercer County. NOTE: Requests for Bid Documents may be made ON or AFTER April 25, 2001.

**Department:** Conservation and Natural Resources  
**Location:** New Vernon, Mill Creek and Sandy Lake Townships  
**Duration:** 180 Days  
**Contact:** Construction Management Section, (717) 787-5055

**DGS A 376-12** PROJECT TITLE: Window Replacement—Unit B. BRIEF DESCRIPTION: Remove existing windows in ground and first floor levels at west elevation of Unit "B" building and replace with new aluminum window units as indicated on drawing A1. ESTIMATED RANGE: Under \$100,000.00. General Construction. PLANS DEPOSIT: \$25.00 per set payable to: COMMONWEALTH OF PA. Refundable upon return of plans and specifications in reusable condition as construction documents within 15 days after the bid opening date. Bidder is responsible for the cost of delivery of the plans and specifications. Contact the office listed below to arrange for delivery of documents. A separate check must be submitted to cover the cost of delivery. Mail a separate check for \$5.00 per set or provide your express mail account number to the office listed below. Mail requests to: Department of General Services, Room 107 Headquarters Building, 18th and Herr Streets, Harrisburg, PA 17125, (717) 787-3923. Bid Date: WEDNESDAY, May 9, 2001 at 11 a.m.

**Department:** General Services  
**Location:** State Correctional Institution—Laurel Highlands, Laurel Highlands, Somerset County, PA  
**Duration:** 120 CALENDAR DAYS FROM DATE OF INITIAL JOB CONFERENCE  
**Contact:** Contract and Bidding Unit, (717) 787-6556

**DGS A 508-94** PROJECT TITLE: Upgrade Electrical Distribution System in Dietary Building No. 19. BRIEF DESCRIPTION: Replace existing oil-fused cut outs, transfer switch transformers and main disconnect with new combination transfer/overload SF6 switch, main distribution panel and dry-type transformer. ESTIMATED RANGE: \$100,000.00 to \$500,000.00. Electrical Construction. PLANS DEPOSIT: \$25.00 per set payable to: COMMONWEALTH OF PA. Refundable upon return of plans and specifications in reusable condition as construction documents within 15 days after the bid opening date. Bidder is responsible for the cost of delivery of the plans and specifications. Contact the office listed below to arrange for delivery of documents. A separate check must be submitted to cover the cost of delivery. Mail a separate check for \$5.00 per set or provide your express mail account number to the office listed below. Mail requests to: Department of General Services, Room 107 Headquarters Building, 18th and Herr Streets, Harrisburg, PA 17125, (717) 787-3923. Bid Date: WEDNESDAY, May 16, 2001 at 11 a.m.

**Department:** General Services  
**Location:** Mayview State Hospital, Bridgeville, Allegheny County, PA  
**Duration:** 150 CALENDAR DAYS FROM DATE OF INITIAL JOB CONFERENCE  
**Contact:** Contract and Bidding Unit, (717) 787-3923

**FDC-022-979.4** All electrical work associated with new pole building in Weiser State Forest, Dauphin County. Work includes new electric service to new building and to an existing building, all wiring, panel boards and lighting fixtures. NOTE: Requests for Bid Documents may be made ON or AFTER April 23, 2001.

**Department:** Conservation and Natural Resources  
**Location:** Jackson Township  
**Duration:** 210 Days  
**Contact:** Construction Management Section, (717) 787-5055

**SP 3821210008** Place concrete slab with footer and timber railing in two locations.

**Department:** Conservation and Natural Resources  
**Location:** Concrete slabs to be placed in two locations at Colton Point State Park.  
**Duration:** Work is to be completed by August 31, 2001.  
**Contact:** Gene Strick, (814) 486-5622

**FDC-022-979.1** Construction of a new 60 ft. x 112 ft. pole building in Weiser State Forest in Dauphin County. Work includes excavation, drainage items, reinforced concrete, bituminous paving, wood framing with metal roof and wall panels, doors, painting and gas fired heaters. NOTE: Requests for Bid Documents may be made ON or AFTER April 23, 2001.

**Department:** Conservation and Natural Resources  
**Location:** Jackson Township  
**Duration:** 210 Days  
**Contact:** Construction Management Section, (717) 787-5055

**C31:2-101.2** Mt. Vernon and Pennsylvania Avenue Pumping Stations Improvements, Electrical involves approximately 2 weatherproof generator enclosures, motor control center (MCC), emergency generator and automatic transfer switch, panel installation and wiring, conduit and wiring, 260 l.f. concrete encased Sch 40 PVC ductbank, and 2 sluice gate controller retrofit. This project issues April 13, 2001; payment in the amount of \$15.00 must be received before bid documents will be sent.

**Department:** Environmental Protection  
**Location:** Huntingdon Borough and Smithfield Township, Huntingdon County  
**Duration:** 190 calendar days after notice to proceed  
**Contact:** Construction Contracts Section, (717) 783-7994

**3881100021** Services to install 16 broad-based dips, spread approximately 0.5 mile of road surface with 640 tons of limestone surface material, rehabilitate 14 broad-based dips and 7 existing culvert pipes, and crown, grade and ditch road at specified locations on the Middle Branch Road, Huling Branch Road and area in the vicinity of Area #36 of the ATV trail.

**Department:** Conservation and Natural Resources  
**Location:** DCNR, Bureau of Forestry HCR 62, Box 90, Renovo, PA 17764  
**Duration:** 08/30/01  
**Contact:** Robert S. Fitterling, (570) 923-6011

**DGS A 970-163** PROJECT TITLE: Brick Repointing. BRIEF DESCRIPTION: Work consists of exterior brick repairs and repointing, restoration and painting of metal cornices and wood windows, including removal of existing lead based paint. ESTIMATED RANGE: \$100,000.00 to \$500,000.00. General Construction. PLANS DEPOSIT: \$25.00 per set payable to: COMMONWEALTH OF PA. Refundable upon return of plans and specifications in reusable condition as construction documents within 15 days after the bid opening date. Bidder is responsible for the cost of delivery of the plans and specifications. Contact the office listed below to arrange for delivery of documents. A separate check must be submitted to cover the cost of delivery. Mail a separate check for \$5.00 per set or provide your express mail account number to the office listed below. Mail requests to: Department of General Services, Room 107 Headquarters Building, 18th and Herr Streets, Harrisburg, PA 17125, (717) 787-3923. Bid Date: WEDNESDAY, May 16, 2001 at 1:00 P.M.

**Department:** General Services  
**Location:** PA National Guard Armory, Pottstown, Montgomery County, PA  
**Duration:** 120 CALENDAR DAYS FROM DATE OF INITIAL JOB CONFERENCE  
**Contact:** Contract and Bidding Unit, (717) 787-6556

**FDC-213-932** Repairs to Main at Raccoon Creek State Park in Beaver County. Work includes 48 C.Y. of concrete removal and new cast-in-place concrete; 20 L.F. of grout injection; stainless steel ladder; fiberglass grating and railing; and joint sealants. NOTE: Requests for Bid Documents may be made ON or AFTER April 25, 2001.

**Department:** Conservation and Natural Resources  
**Location:** Hanover Township  
**Duration:** Complete all work by November 30, 2001  
**Contact:** Construction Management Section, (717) 787-5055

**C31:2-101.1** Mt. Vernon and Pennsylvania Avenue Pumping Stations Improvements, Civil/ Mechanical involves approximately 30 c.y. cast-in-place concrete foundation slab, wetwell access hatch and ladder, 2 pedestrian doors and frame, refurbish 2 existing stormwater pumps, 2 submersible level transmitter, 2 secondary level sensing system, 2 electric sluice gate actuators, 150 l.f. 30" bypass conduit (test and seal) and remove and dispose 30 l.f. asbestos. This project issues April 13, 2001; payment in the amount of \$15.00 must be received before bid documents will be sent.

**Department:** Environmental Protection  
**Location:** Huntingdon Borough and Smithfield Township, Huntingdon County  
**Duration:** 190 calendar days after notice to proceed  
**Contact:** Construction Contracts Section, (717) 783-7994

**DGS A 557-54** PROJECT TITLE: Replace Windows—First Floor Administration Building. BRIEF DESCRIPTION: Remove existing windows on first floor. Install new windows, match existing window profile and finish recently installed on third and second floor. ESTIMATED RANGE: \$100,000.00 to \$500,000.00. General Construction. PLANS DEPOSIT: \$25.00 per set payable to: COMMONWEALTH OF PA. Refundable upon return of plans and specifications in reusable condition as construction documents within 15 days after the bid opening date. Bidder is responsible for the cost of delivery of the plans and specifications. Contact the office listed below to arrange for delivery of documents. A separate check must be submitted to cover the cost of delivery. Mail a separate check for \$5.00 per set or provide your express mail account number to the office listed below. Mail requests to: Department of General Services, Room 107 Headquarters Building, 18th and Herr Streets, Harrisburg, PA 17125 (717) 787-3923. Bid Date: WEDNESDAY, May 16, 2001 at 2 p.m.

**Department:** General Services  
**Location:** South Mountain Restoration Center, South Mountain, Franklin County, PA  
**Duration:** 250 CALENDAR DAYS FROM DATE OF INITIAL JOB CONFERENCE  
**Contact:** Contract and Bidding Unit, (717) 787-6556

**SRU IFB-SSHE-13-01.4** Slippery Rock University of Pennsylvania of the State System of Higher Education is soliciting sealed bids for Project IFB-SSHE-13-01.4—Residence Hall Electrical and Fire Detection System Upgrades for Rhodes Hall. The project consists of the provision of electrical connection for fire pump, fire alarm system monitoring of wet pipe sprinkler system, and fire pump monitoring. Work to commence on or after July 1, 2001 and be complete on or before October 15, 2001. Specifications can be obtained at a non-refundable cost of \$20.00, on or about April 23, 2001, by contacting STV Architects, 205 West Welsh Drive, Douglassville, PA 19518, Phone: (610) 385-8325, Fax: (610) 385-8200, Attn: Virginia Stoudt. A Pre-Bid Meeting will be held on or about May 7 for which detailed information to be released to all requestors. All responsible bidders are invited to participate including MBE/WBE firms.

**Department:** State System of Higher Education  
**Location:** Slippery Rock  
**Duration:** 106 days  
**Contact:** STV Architects, Stu Rothenberger, (610) 385-8200

**MU IFB-SSHE-11-01.4** Millersville University of Pennsylvania of the State System of Higher Education is soliciting sealed bids for Project IFB-SSHE-11-01.4—Residence Hall Electrical and Fire Detection System Upgrades for Burrowes Hall. The project consists of the provision of electrical connection for fire pump, electrical system modifications to shunt trip elevator power prior to sprinkler system activation, electrical modifications to connect dry pipe system air compressor, fire alarm system monitoring of wet/dry pipe sprinkler system and standpipe system, fire alarm system heat detectors for elevator shunt tripping, and fire pump monitoring. Work to commence on or after July 1, 2001 and be complete on or before October 15, 2001. Specifications can be obtained at a non-refundable cost of \$20.00, on or about April 23, 2001, by contacting STV Architects, 205 West Welsh Drive, Douglassville, PA 19518, Phone: (610) 385-8325, Fax: (610) 385-8200, Attn: Virginia Stoudt. A Pre-Bid Meeting will be held on or about May 7 for which detailed information to be released to all requestors. All responsible bidders are invited to participate including MBE/WBE firms.

**Department:** State System of Higher Education  
**Location:** Millersville  
**Duration:** 106 days  
**Contact:** STV Architects, Stu Rothenberger, (610) 385-8200

**LHU IFB-SSHE-09-01.4** Lock Haven University of Pennsylvania of the State System of Higher Education is soliciting sealed bids for Project IFB-SSHE-09-01.4—Residence Hall Electrical and Fire Detection System Upgrades for Smith Hall and Woolridge Hall. The project consists of: (1) Smith Hall—providing fire alarm system monitoring of wet pipe sprinkler system and standpipe system, and unit pricing for connection and monitoring of a fire pump (if required); (2) Woolridge Hall—providing electrical modifications required to connect dry pipe system air compressor, fire alarm system monitoring of wet/dry pipe sprinkler system and standpipe system, and unit pricing for connection and monitoring of a fire pump (if required). Work to commence on or after July 1, 2001 and be complete on or before October 15, 2001. Specifications can be obtained at a non-refundable cost of \$20.00, on or about April 23, 2001, by contacting STV Architects, 205 West Welsh Drive, Douglassville, PA 19518, Phone: (610) 385-8325, Fax: (610) 385-8200, Attn: Virginia Stoudt. A Pre-Bid Meeting will be held on or about May 7 for which detailed information to be released to all requestors. All responsible bidders are invited to participate including MBE/WBE firms.

**Department:** State System of Higher Education  
**Location:** Lock Haven  
**Duration:** 106 days  
**Contact:** STV Architects, Stu Rothenberger, (610) 385-8200

**CU IFB-SSHE-03-01.4** Cheyney University of Pennsylvania of the State System of Higher Education is soliciting sealed bids for Project IFB-SSHE-03-01.4—Residence Hall Electrical and Fire Detection System Upgrades for Tubman Hall. The project consists of the provision of electrical system modifications to shunt trip elevator power prior to sprinkler system activation, fire alarm system heat detectors for elevator shunt tripping, fire alarm system monitoring of wet pipe sprinkler system and standpipe system, single station smoke detectors in student rooms, and unit pricing for connection and monitoring of a fire pump (if required). Work to commence on or after July 1, 2001 and be complete on or before October 15, 2001. Specifications can be obtained at a non-refundable cost of \$20.00, on or about April 23, 2001, by contacting STV Architects, 205 West Welsh Drive, Douglassville, PA 19518, Phone: (610) 385-8325, Fax: (610) 385-8200, Attn: Virginia Stoudt. A Pre-Bid Meeting will be held on or about May 7 for which detailed information to be released to all requestors. All responsible bidders are invited to participate including MBE/WBE firms.

**Department:** State System of Higher Education  
**Location:** Cheyney  
**Duration:** 106 Days  
**Contact:** STV Architects, Stu Rothenberger, (610) 385-8200

**DGS A 508-93** PROJECT TITLE: Replace Existing Sewer System—Dixon Building #27. BRIEF DESCRIPTION: Replace all cast iron soil, waste and vent piping in the crawl space and basement area of the building. ESTIMATED RANGE: \$100,000.00 to \$500,000.00. Plumbing Construction. PLANS DEPOSIT: \$25.00 per set payable to: COMMONWEALTH OF PA. Refundable upon return of plans and specifications in reusable condition as construction documents within 15 days after the bid opening date. Bidder is responsible for the cost of delivery of the plans and specifications. Contact the office listed below to arrange for delivery of documents. A separate check must be submitted to cover the cost of delivery. Mail a separate check for \$5.00 per set or provide your express mail account number to the office listed below. Mail requests to: Department of General Services, Room 107 Headquarters Building, 18th and Herr Streets, Harrisburg, PA 17125, (717) 787-3923. Bid Date: WEDNESDAY, May 16, 2001 at 11 a.m.

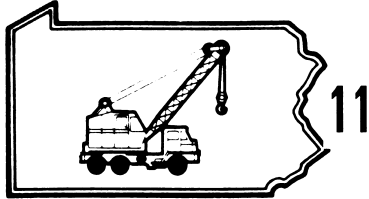
**Department:** General Services  
**Location:** Mayview State Hospital, Bridgeville, Allegheny County, PA  
**Duration:** 210 CALENDAR DAYS FROM DATE OF INITIAL JOB CONFERENCE  
**Contact:** Contract and Bidding Unit, (717) 787-3923

**SP 110460011** Reconstruction of all exposed deterring concrete walls and troughs on three (3) Imhoff siphoning tanks and influent troughs and rebuild current meter building; install new OSHA approved aluminum railing around all open areas—located at State Correctional Institution at Laurel Highlands. A site visit is required. Bid on file at institution.

**Department:** Corrections  
**Location:** State Correctional Institution at Laurel Highlands, 5706 Glades Pike, P. O. Box 631, Somerset, PA 15501-0631  
**Duration:** Upon bid award through June 30, 2001  
**Contact:** Carole S. Kolesko PA II, (814) 445-6501 x: 347

**FDC-422-1609** Sluice Gate Maintenance and Ladder Installation at Nockamixon State Park in Bucks County. Work includes clean, lubricate and adjust sluice gates in central tower; chemical grout injection or epoxy compound to repair cracks in concrete; replace ladder and install a fall prevention system. NOTE: Requests for Bid Documents can be made ON or AFTER April 23, 2001.

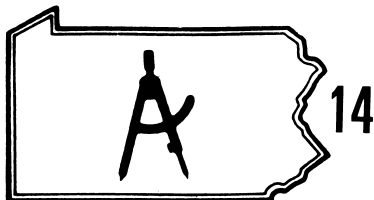
**Department:** Conservation and Natural Resources  
**Location:** Nockamixon Township  
**Duration:** 90 Days  
**Contact:** Construction Management Section, (717) 787-5055



### Demolition—Structural Only

**4034-A51 demo** The Pennsylvania Department of Transportation is seeking bids for the demolition and/or removal of residential and commercial structures from properties located at: East 12th Street, East 11th Street, E. 10th Street, East 9th Street, East 8th Street, and E. 7th Street; along future portions of State Route 4034, Sections A51 and A51G in the City of Erie, Erie County, Pennsylvania. The contract is for structures on 11 properties. The project will be divided into two bids, one for the residential dwellings and one for the commercial structures. Bids over \$25,000 require that you be prequalified on PennDOT's Contractor Prequalified List as a prime contractor approved for building demolition, work code classification "B." The number to verify this is (717) 787-7032. Subcontractors must also be prequalified. If you are an out of state contractor, you must be certified to do business in Pennsylvania. Prevailing wage requirements according to the Davis-Bacon Act will apply. Department of General Services minority, women and disadvantaged enterprise requirements apply. Asbestos removal is necessary on all properties and must be done by certified asbestos contractors. Demolition specifications are covered by right of way forms RW-658A, RW-658B, RW-658C and Publication 408, Section 202. Please note that Pub. 408 specifications supercede the RW forms where they conflict. The Department will accept sealed bids at 255 Elm Street, P.O. Box 398, Oil City, PA 16301, until 1 p.m. on May 10, 2001. An inspection tour will be conducted on April 26, 2001 at 10 a.m. Please meet at the B.F. Fields parking lot at 848 East 12th Street. For Bid Forms, specifications, and further information contact: Jeffrey E. Hahne, District Property Manager, Pennsylvania Department of Transportation, District 1-0, Right of Way Section, 255 Elm Street, P. O. Box 398, Oil City, PA 16301, (814) 678-7069.

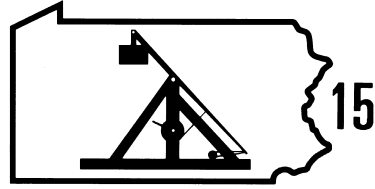
**Department:** Transportation  
**Location:** City of Erie  
**Duration:** 60 days from Notice to Proceed  
**Contact:** Jeffery E. Hahne, (814) 678-7069



### Engineering Services

**C69:11-WE-102.3E and C69:11-WE-102.3W** The Department of Environmental Protection will retain two engineering and/or surveying firms to provide topographic and cross sectional surveying throughout Eastern and Western Pennsylvania. Surveys could include among other purposes, surveying in and along streams and floodplains with particular detail required at bridges; surveys at locations and first floor elevations of area structures such as houses, businesses, and industrial buildings; topographic surveys to be used for the design of project, and construction surveys of flood protection projects. Responses due prior to 12 noon on 5/18/01. For copies of the RFP please contact Dale Hamlen at (717) 783-1766 or email dhamlen@state.pa.us.

**Department:** Environmental Protection  
**Location:** Eastern Pennsylvania and Western Pennsylvania  
**Duration:** July 1, 2001 to December 31, 2005  
**Contact:** Dale Hamlen, (717) 783-1766



### Environmental Maintenance Service

**3510017123** Drill core boreholes, obtain samples of unconsolidated materials, and install groundwater monitoring wells on an as-needed basis throughout the Commonwealth. For bid package, contact Sharon Peterson at (717) 787-2471 or shapeterso@state.pa.us

**Department:** Environmental Protection  
**Location:** Throughout PA  
**Duration:** 7/1/2001 through 6/30/2002 with three renewal options.  
**Contact:** Sharon Peterson, (717) 787-2471

**BOGM 01-02** Clean Out and Plug Fifteen (15) Abandoned and Orphan Oil and Gas Wells: Pennsylvania Game Commission, William Roe, Mr. & Mrs. Robert Green, Mrs. Jean Goehring, Robert A. Oliver, Michael J. Homer, George C. Gazella, David O. Lias, Chuck Lenzner, Richard J. Sirianni, Alice Wahl and Bill Chen properties; estimated to be between 2,000—2,850 feet each in depth, prepare and restore well sites, and mobilize/demobilize plugging equipment. This project issues April 6, 2001; payment in the amount of \$10.00 must be received before bid documents will be sent.

**Department:** Environmental Protection  
**Location:** North Fayette, Franklin, Ohio, Upper St. Clair and Robinson Townships; and Franklin Park, Sewickley Heights and Avalon, Allegheny County  
**Duration:** 130 calendar days after notice to proceed  
**Contact:** Construction Contracts Section, (717) 783-7994

**BOGM 01-04** Clean Out and Plug Five (5) Abandoned and Orphan Gas Wells: Frank Philpott, Brian Sass, David Ewing, Mr. & Mrs. Lloyd Sumey and Allen M. Fiore properties; estimated to be between 2,400—5,306 feet each in depth, prepare and restore well sites, and mobilize/demobilize plugging equipment. This project issues April 6, 2001; payment in the amount of \$10.00 must be received before bid documents will be sent.

**Department:** Environmental Protection  
**Location:** Georges, Nicholson, Menallen, German and Perry Townships, Fayette County  
**Duration:** 100 calendar days after notice to proceed  
**Contact:** Construction Contracts Section, (717) 783-7994

**BOGM 01-06** Clean Out and Plug Forty Four (44) Abandoned and Orphan Oil and Gas Wells: Mr & Mrs. Carl Leichtenberger, Gary Frazier, Mr. & Mrs. Francis Littlefield, and Allegheny National Forest properties; estimated to be between 1,310—1,840 feet each in depth, prepare and restore well sites, and mobilize/demobilize plugging equipment. This project issues April 6, 2001; payment in the amount of \$10.00 must be received before bid documents will be sent.

**Department:** Environmental Protection  
**Location:** Sheffield Township, Warren County  
**Duration:** 210 calendar days after notice to proceed  
**Contact:** Construction Contracts Section, (717) 783-7994

**BOGM 01-07** Clean Out and Plug Fifteen Abandoned and Orphan Oil and Gas Wells: Irene Gabig, Dolores Abruzzi, Dian E. Cashdollar, Kathryn Chadwick, Larry A. Spahr, William Tomco Jr., Bruce Bartolotta, Mrs. Scott Cooper, George Sabochok, Penn South Development, Charleroi Water Authority, Mid Monongahela Industrial Development Association, Helen Fillpelli and Michael Sinclair properties; estimated to be between 1,237—3,628 feet each in depth, prepare and restore well sites, and mobilize/demobilize plugging equipment. This project issues April 6, 2001; payment in the amount of \$10.00 must be received before bid documents will be sent.

**Department:** Environmental Protection  
**Location:** Union, Cecil, North and South Franklin, East Bethlehem and Peters Townships, and Charleroi, Donora and Monongahela, Washington County  
**Duration:** 220 calendar days after notice to proceed  
**Contact:** Construction Contracts Section, (717) 783-7994

**BOGM 01-08** Clean Out and Plug Seven (7) Abandoned and Orphan Oil and Gas Wells: John Peters, Louise J. Winslow, Allegheny National Forest, Donald Enterline Jr., Jessie M. Taylor and Heartwood Forest Fund II, LP properties; estimated to be between 2,861—6,000 feet each in depth, prepare and restore well sites, and mobilize/demobilize plugging equipment. This project issues April 6, 2001; payment in the amount of \$10.00 must be received before bid documents will be sent.

**Department:** Environmental Protection  
**Location:** Benezette, Ridgway, Fox and Jones Townships, Elk County  
**Duration:** 70 calendar days after notice to proceed  
**Contact:** Construction Contracts Section, (717) 783-7994

**BOGM 01-011** Clean Out and Plug Five (5) Abandoned Gas Wells: Joseph V. Stephens, Helen Reed, Robert Mt. Joy, Stanley Zalar and Jeff Stover properties; estimated to be between 1,000—2,800 feet each in depth, prepare and restore well sites, and mobilize/demobilize plugging equipment. This project issues April 6, 2001; payment in the amount of \$10.00 must be received before bid documents will be sent.

**Department:** Environmental Protection  
**Location:** Wayne, Freeport, Monongahela and Center Townships, Greene County  
**Duration:** 100 calendar days after notice to proceed  
**Contact:** Construction Contracts Section, (717) 783-7994

**BOGM 01-09** Clean Out and Plug One Hundred Fifty Three (153) Abandoned and Orphan Oil Wells estimated to be between 1,500—2,000 feet each in depth, prepare and restore well sites, and mobilize/demobilize plugging equipment on Robert Tucker, Arthur Kahle, Lyle Drake, Donavan & Schoonover Lumber, Mr. & Mrs. George Peterson, Mr. & Mrs. Everal Canaan, Mr. & Mrs. David Goldsmith, Mr. Burlan Sizemore, Mr. & Mrs. David Wright Jr., Mr. Julius Brown, and Mr. & Mrs. Johnathan Robbins' properties. This project issues April 13, 2001; payment in the amount of \$10.00 must be received before bid documents will be sent.

**Department:** Environmental Protection  
**Location:** Otto, Eldred and Keating Townships, McKean County  
**Duration:** 310 calendar days after notice to proceed  
**Contact:** Construction Contracts Section, (717) 783-7994

**BOGM 01-10** Clean Out and Plug Thirty Eight (38) Abandoned Oil Wells estimated to be 800 feet each in depth, prepare and restore well sites, and mobilize/demobilize plugging equipment on Pennsylvania Game Commission and the Allegheny National Forest's properties. This project issues April 13, 2001; payment in the amount of \$10.00 must be received before bid documents will be sent.

**Department:** Environmental Protection  
**Location:** Triumph Township, Warren County  
**Duration:** 310 calendar days after notice to proceed  
**Contact:** Construction Contracts Section, (717) 783-7994

**BOGM 01-13** Clean Out and Plug Thirty Five (35) Abandoned and Orphan Oil Wells estimated to be 900 feet each in depth, prepare and restore well sites, and mobilize/demobilize plugging equipment on Oil Creek State Park, Mr. & Mrs. John Russell, Mike Miller, Fred Schreengost, Mr. & Mrs. Don Fredrick, Mr. & Mrs. Lours Kraft, Keven Hoover, Helen Horn, Mr. & Mrs. James Archer, Mr. & Mrs. Eugene Buchholz, Harry T. Fry and Timothy Staub's properties. This project issues April 13, 2001; payment in the amount of \$10.00 must be received before bid documents will be sent.

**Department:** Environmental Protection  
**Location:** Cornplanter Township, Venango County  
**Duration:** 260 calendar days after notice to proceed  
**Contact:** Construction Contracts Section, (717) 783-7994

**BF 456-101.1** Abandoned Mine Land Reclamation, Continental Coal Company involves approximately 6,700 c.y. grading and seeding 1.9 acres. This project issues April 6, 2001; payment in the amount of \$10.00 must be received before bid documents will be sent.

**Department:** Environmental Protection  
**Location:** Sandy Township, Clearfield County  
**Duration:** 70 calendar days after notice to proceed  
**Contact:** Construction Contracts Section, (717) 783-7994

**BOGM 01-14** Clean Out and Plug Seven (7) Abandoned and Orphan Gas Wells estimated to be between 1,950 and 4,338 feet each in depth; prepare and restore well sites; and mobile/demobilize plugging equipment. This project issues April 20, 2001; payment in the amount of \$10.00 must be received before bid documents will be sent.

**Department:** Environmental Protection  
**Location:** Burrell, Cherry Hill, Armstrong, Blacklick and White Townships, Indiana County  
**Duration:** 100 calendar days after notice to proceed  
**Contact:** Construction Contracts Section, (717) 783-7994

**BOGM 01-15** Clean Out and Plug Twenty Eight (28) Abandoned and Orphan Gas Wells estimated to be between 3,000 and 4,000 feet each in depth; prepare and restore well sites; and mobile/demobilize plugging equipment. This project issues April 20, 2001; payment in the amount of \$10.00 must be received before bid documents will be sent.

**Department:** Environmental Protection  
**Location:** Rostraver, Allegheny, Hempfield, West Leechburg, Washington, Penn, Salem, Lower Burrell, North Huntingdon, East Huntingdon and Sewickley Townships, and Murrysville and Monessen Boroughs, Westmoreland County  
**Duration:** 350 calendar days after notice to proceed  
**Contact:** Construction Contracts Section, (717) 783-7994

**BF 455-101.1** Abandoned Mine Land Reclamation, Coal Stripping Inc. involves approximately 3 acres selective grading, 500 c.y. ditch excavation, 1,000 s.y. rock lining with geotextile, backfilling of pond and seeding 4 acres. This project issues April 20, 2001; payment in the amount of \$10.00 must be received before bid documents will be sent.

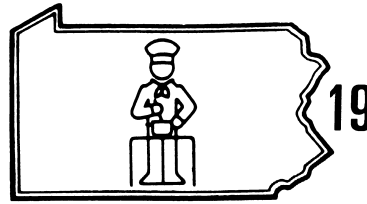
**Department:** Environmental Protection  
**Location:** Speers and Dunlevy Boroughs, Washington County  
**Duration:** 130 calendar days after notice to proceed  
**Contact:** Construction Contracts Section, (717) 783-7994

**BF 456-101.1** Abandoned Mine Land Reclamation, Continental Coal Company involves approximately 6,700 c.y. grading and seeding 1.9 acres. This project issues April 6, 2001; payment in the amount of \$10.00 must be received before bid documents will be sent.

**Department:** Environmental Protection  
**Location:** Sandy Township, Clearfield County  
**Duration:** 70 calendar days after notice to proceed  
**Contact:** Construction Contracts Section, (717) 783-7994

**BOGM 01-12** Clean Out and Plug Five (5) Abandoned Gas Wells estimated to be between 2,765—3,500 feet each in depth, prepare and restore well sites, and mobilize/demobilize plugging equipment on Joe Renoske, Janet M. Piekarski, Bill Steele, Gary M. Minser and John Varner's properties. This project issues April 13, 2001; payment in the amount of \$10.00 must be received before bid documents will be sent.

**Department:** Environmental Protection  
**Location:** Cherry Hill, East Mahoning and Canoe Townships, and Homer City and Marion Center, Indiana County  
**Duration:** 100 calendar days after notice to proceed  
**Contact:** Construction Contracts Section, (717) 783-7994



## Food

**DTY #4242** Bread, Rolls & Related Products, fresh.

**Department:** Public Welfare  
**Location:** Agency Dietary Department, Mayview State Hospital, 1601 Mayview Road, Bridgeville, PA 15017-1599  
**Duration:** July 1, 2001 through December 31, 2001  
**Contact:** F. Molisse, P.A. II, (412) 257-6215

**MB-2001/02** Milk—To be delivered weekly during contract period.

**Department:** Military Affairs  
**Location:** Southeastern Veterans' Center, One Veterans' Drive, Spring City, PA 19475  
**Duration:** July 1, 2001 through June 30, 2002  
**Contact:** Patricia M. Urban, (610) 948-2448

**DTY #4243** Miscellaneous Perishable Foods.

**Department:** Public Welfare  
**Location:** Agency Dietary Department, Mayview State Hospital, 1601 Mayview Road, Bridgeville, PA 15017-1599  
**Duration:** July 1, 2001 through September 30, 2001  
**Contact:** F. Molisse, P.A. II, (412) 257-6215

**M-7** Frozen Foods—To be delivered weekly during contract period.

**Department:** Military Affairs  
**Location:** Southeastern Veterans' Center, One Veterans' Drive, Spring City, PA 19475  
**Duration:** July 1, 2001 through September 30, 2001  
**Contact:** Patricia M. Urban, (610) 948-2448

**M-6** Poultry—To be delivered weekly during contract period.

**Department:** Military Affairs  
**Location:** Southeastern Veterans' Center, One Veterans' Drive, Spring City, PA 19475  
**Duration:** July 1, 2001 through September 30, 2001  
**Contact:** Patricia M. Urban, (610) 948-2448

**M-2** Fresh Produce—To be delivered 2 times weekly during contract period.

**Department:** Military Affairs  
**Location:** Southeastern Veterans' Center, One Veterans' Drive, Spring City, PA 19475  
**Duration:** July 1, 2001 through September 30, 2001  
**Contact:** Patricia M. Urban, (610) 948-2448

**M-3** Bread & Rolls—To be delivered 2 times weekly during contract period.

**Department:** Military Affairs  
**Location:** Southeastern Veterans' Center, One Veterans' Drive, Spring City, PA 19475  
**Duration:** July 1, 2001 through September 30, 2001  
**Contact:** Patricia M. Urban, (610) 948-2448

**#8377** Perishable Food Items as follows: Bread, Rolls & Doughnuts and Pies & Cakes; Commodities and quantities available from Purchasing Office, Ebensburg Center, Rt. 22 West, P. O. Box 600, Ebensburg, PA 15931. To be Commercial Price. Award made in best interest of the Commonwealth.

**Department:** Public Welfare  
**Location:** Ebensburg Center (Dietary Building), Department of Public Welfare, Rt. 22 West, P. O. Box 600, Ebensburg, PA 15931  
**Duration:** July 1, 2001 through December 31, 2001  
**Contact:** Marilyn Cartwright, Purchasing Agent, (814) 472-0259

**#AC 8376** Perishable Food Items as follows: Meat & Meat Products, Poultry & Poultry Products, Miscellaneous Foods, Produce, Prepared Salads - Fresh, Fruits & Vegetables - Frozen, Fish & Fish Products - Frozen, Cheese, Dairy Products, Frozen Juices, Ice Cream & Sherbert & Related Novelties. Commodities and quantities available from the Purchasing Office, Ebensburg Center, Rt. 22 West, P. O. Box 600, Ebensburg, PA 15931. Awards will be made in the best interest of the Commonwealth.

**Department:** Public Welfare  
**Location:** Altoona Center (Storeroom), Department of Public Welfare, 1515 Fourth Street, Altoona, PA 16601  
**Duration:** July 1, 2001 through September 30, 2001  
**Contact:** Marilyn Cartwright, Purchasing Agent, (814) 472-0259

**#8375** Perishable Food Items as follows: Meat & Meat Products, Poultry & Poultry Products, Miscellaneous Foods, Produce, Prepared Salads—Fresh, Fruits & Vegetables - Frozen, Fish & Fish Products - Frozen, Cheese, Dairy Products, Frozen Juices, Ice Cream & Sherbert & Related Novelties. Commodities and quantities available from the Purchasing Office, Ebensburg Center, Rt. 22 West, P. O. Box 600, Ebensburg, PA 15931. Awards will be made in the best interest of the Commonwealth.

**Department:** Public Welfare  
**Location:** Ebensburg Center (Dietary Building), Rt. 22 West, P. O. Box 600, Ebensburg, PA 15931  
**Duration:** July 1, 2001 through September 30, 2001  
**Contact:** Marilyn Cartwright, Purchasing Agent, (814) 472-0259

**6110** Dairy Products; margarine in 1 lb. size and pats, lowfat cottage cheese, lowfat fruited yogurt, and cream cheese. Specifications and delivery dates available upon request from Agency.

**Department:** Public Welfare  
**Location:** Harrisburg State Hospital, Cameron & Maclay Streets, Harrisburg, PA 17106  
**Duration:** July through December 2001  
**Contact:** Jack W. Heinze, (717) 772-7435

**FS0701** Contractor shall supply various food items for the staff and inmates at the State Correctional Institution, Cambridge Springs, PA. Meats and miscellaneous frozen and specialty items are bid every three months. Produce, milk, and eggs are bid monthly. Soda and ice cream are bid once a year.

**Department:** Corrections  
**Location:** S.C.I. Cambridge Springs, 451 Fullerton Avenue, Cambridge Springs, PA 16403  
**Duration:** 7/01/01 to 6/30/02  
**Contact:** Quentin Hargenrater Jr., (814)398-5400

**M-5 Meat**—To be delivered weekly during contract period.

**Department:** Military Affairs  
**Location:** Southeastern Veterans' Center, One Veterans' Drive, Spring City, PA 19475  
**Duration:** July 1, 2001 through September 30, 2001  
**Contact:** Patricia M. Urban, (610) 948-2448

**6122** Prepared Salads, Fresh. Specifications and delivery dates available upon request from Agency.

**Department:** Public Welfare  
**Location:** Harrisburg State Hospital, Cameron & Maclay Streets, Harrisburg, PA 17106  
**Duration:** July through September 2001  
**Contact:** Jack W. Heinze, (717) 772-7435

**6125** Poultry & Poultry Products. Specifications and delivery dates available upon request from Agency.

**Department:** Public Welfare  
**Location:** Harrisburg State Hospital, Cameron & Maclay Streets, Harrisburg, PA 17106  
**Duration:** July through September 2001  
**Contact:** Jack W. Heinze, (717) 772-7435

**6124** Meat & Meat Products. Specifications and delivery dates available upon request from Agency.

**Department:** Public Welfare  
**Location:** Harrisburg State Hospital, Cameron & Maclay Streets, Harrisburg, PA 17106  
**Duration:** July through September 2001  
**Contact:** Jack W. Heinze, (717) 772-7435

**6123** Miscellaneous Foods. Specifications and delivery dates available upon request from Agency.

**Department:** Public Welfare  
**Location:** Harrisburg State Hospital, Cameron & Maclay Streets, Harrisburg, PA 17106  
**Duration:** July through September 2001  
**Contact:** Jack W. Heinze, (717) 772-7435

**6126** Coffee, Decaffeinated, Bag-in-Box, Frozen. Specifications and delivery dates available upon request from Agency.

**Department:** Public Welfare  
**Location:** Harrisburg State Hospital, Cameron & Maclay Streets, Harrisburg, PA 17106  
**Duration:** June 2001 through May 2002  
**Contact:** Jack W. Heinze, (717) 772-7435

**6120** Fruits & Vegetables, Frozen. Specifications and delivery dates available upon request from Agency.

**Department:** Public Welfare  
**Location:** Harrisburg State Hospital, Cameron & Maclay Streets, Harrisburg, PA 17106  
**Duration:** July through September 2001  
**Contact:** Jack W. Heinze, (717) 772-7435

**6119** Fruits & Vegetables, Fresh. Specifications and delivery dates available upon request from Agency.

**Department:** Public Welfare  
**Location:** Harrisburg State Hospital, Cameron & Maclay Streets, Harrisburg, PA 17106  
**Duration:** July through September 2001  
**Contact:** Jack W. Heinze, (717) 772-7435

**6114** Pies & Cakes, Fresh. Specifications and delivery dates available upon request from Agency.

**Department:** Public Welfare  
**Location:** Harrisburg State Hospital, Cameron & Maclay Streets, Harrisburg, PA 17106  
**Duration:** July through December 2001  
**Contact:** Jack W. Heinze, (717) 772-7435

**6113** Bread & Bread Products, Fresh. Specifications and delivery dates available upon request from Agency.

**Department:** Public Welfare  
**Location:** Harrisburg State Hospital, Cameron & Maclay Streets, Harrisburg, PA 17106  
**Duration:** July through December 2001  
**Contact:** Jack W. Heinze, (717) 772-7435

**6111** Ice Tea, Decaffeinated, Diet. Specifications and delivery dates available upon request from Agency.

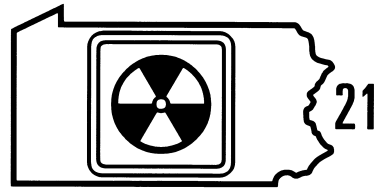
**Department:** Public Welfare  
**Location:** Harrisburg State Hospital, Cameron & Maclay Streets, Harrisburg, PA 17106  
**Duration:** July through December 2001  
**Contact:** Jack W. Heinze, (717) 772-7435

**6112** Juices and Drinks, Frozen. Specifications and delivery dates available upon request from Agency.

**Department:** Public Welfare  
**Location:** Harrisburg State Hospital, Cameron & Maclay Streets, Harrisburg, PA 17106  
**Duration:** July through December 2001  
**Contact:** Jack W. Heinze, (717) 772-7435

**1542110** Dried Beans: Navy, Lima, Kidney and Northern White. If you have problems downloading a bid, please call our Fax Back System at (717) 705-6001.

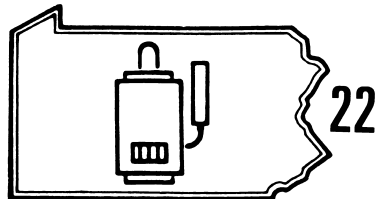
**Department:** Corrections  
**Location:** Bellefonte, PA  
**Duration:** FY 2000-01  
**Contact:** Vendor Services, (717) 787-2199



### Hazardous Material Services

**SP4012130022** Service, maintain, repair and operate a 500 pound an hour incinerator located at the State Veterinary Laboratory.

**Department:** Agriculture  
**Location:** Harrisburg  
**Duration:** 7-1-2001 to 6-30-2002, with 3 one year options to renew.  
**Contact:** Mike Mesaris, (717) 787-5674



### HVAC Services

**2263** Provide and install new control panel to operate two existing 25 horsepower domestic water pumps and two 100 horsepower fire pumps. Contact agency for complete specifications.

**Department:** Public Welfare  
**Location:** Harrisburg State Hospital, Cameron & Maclay Streets, Harrisburg, PA 17106  
**Contact:** Jack W. Heinze, (717) 772-7435

**0835-C** Preventive maintenance Service for the Heating, Ventilation, and Air Conditioning mechanical equipment at the Railroad Museum of Pennsylvania, Strasburg, PA. Contact the Railroad Museum at (717) 687-8628 extension 3001 for bid package.

**Department:** Historical and Museum Commission  
**Location:** Railroad Museum of Pennsylvania, 300 Gap Road, P.O. Box 15, Strasburg, PA 17579  
**Duration:** July 1, 2001 through June 30, 2002  
**Contact:** Ken Riegel, (717) 687-8628

**00671042** Supply and install all panel boards, circuit breakers, disconnects, conduit, and wiring and all other related parts for air conditioning in building #51 at Norristown State Hospital. Request bid packet #00671042 for specifications and drawing.

**Department:** Public Welfare  
**Location:** Norristown State Hospital, 1001 Sterigere Street, Norristown, PA 19401  
**Duration:** 120 calendar days from the effective date of the contract.  
**Contact:** Sue Brown, Purchasing Agent, (610) 313-1026

**085S12** Provide maintenance to oil fired, hot water heating system.

**Department:** Transportation  
**Location:** PA Dept. of Transportation, Elizabethville Annes, Route 209, Elizabethville, PA 17023  
**Duration:** 1 year with four, 1 year renewals  
**Contact:** Gary Snyder, (717) 787-5284

**SP-3821210007** Replace furnace and unit heaters and relocate piping in maintenance building.

**Department:** Conservation and Natural Resources  
**Location:** The maintenance building is located in Black Moshannon State Park in Centre County  
**Duration:** Work must be completed by August 31, 2001.  
**Contact:** Gene Strick, (814) 486-5622

**SP#10670001** The contractor shall provide all labor, equipment, tools and parts required to maintain the 360 HP Steam Boiler heated by the Faber Oil Burner, the steam regulators and the industrial steam deaerator at the Embreeville Complex, Coatesville, PA 19320. Contractor must be manufacturer representative for the Faber Oil Burner. For detailed specifications, submit FAX to Purchasing Office at Hamburg Center, Hamburg, PA. Fax: (610) 562-6025.

**Department:** Public Welfare  
**Location:** Embreeville Complex, 1822 W. Strasburg Road, Coatesville, PA 19320  
**Duration:** Anticipated Contract period: July 1, 2001 through June 30, 2004  
**Contact:** Beverly O. Epting, PA, (610) 562-6031

**0140-41** Electrical labor & materials to maintain and upgrade the electrical systems at our main yard and five (5) stockpile locations in Mercer County. This contract is for a two year period and "by mutual consent of both parties shall be renewable one (1) time for a two (2) year period."

**Department:** Transportation  
**Location:** 215 North Maple Street, Mercer, PA 16137  
**Duration:** July 1, 2001 through June 30, 2005  
**Contact:** Harold Miller, (724) 662-5351



### Janitorial Services

**Bid #8283** Furnish all labor, equipment and materials to perform janitorial services TWO (2) visits per week, to include emptying waste baskets, clean lavatories, sweep floors, vacuum carpets, dust furniture, general housecleaning twice a year, etc. Detailed Work Schedule & Bid must be obtained from Facility Management Division, (717) 783-5484.

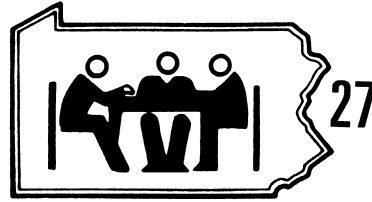
**Department:** State Police  
**Location:** Lancaster Headquarters, 2099 Lincoln Highway East, Lancaster, PA 17602-3384  
**Duration:** July 1, 2001 to June 30, 2003  
**Contact:** Donna L. Enders, (717) 783-5484



### Laboratory Services

**2553-1** The Commonwealth of Pennsylvania, Department of Environmental Protection is hereby soliciting proposals from firms interested in providing laboratory services for organic and inorganic analyses and radiation measurement for the Division of Remediation Services, Bureau of Land Recycling and Waste Management. Laboratory services may be requested through the Division of Remediation Services to support additional programs within the Department. A more detailed description is included in DEP's Request for Proposal for Laboratory Services and Radiation Measurements. Proposals are due by 4 p.m. on May 30, 2001. A Preproposal Conference is scheduled for May 2, 2001, at 10 a.m. at the Rachel Carson State Office Building, 2nd Floor Auditorium, Harrisburg, PA.

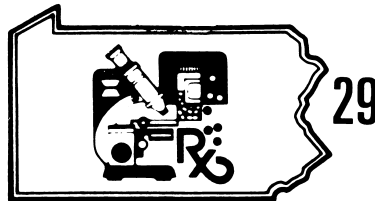
**Department:** Environmental Protection  
**Location:** Bureau of Land Recycling and Waste Management, Division of Remediation Services, Rachel Carson State Office Building, 400 Market Street, 14th Floor, Harrisburg, PA 17105  
**Duration:** 2 years with optional 3 renewal years  
**Contact:** Mary Zeigler, (717) 783-9475



### Lodging/Meeting Facilities

**SP3510014568** Provide lodging, meeting rooms and meals for approximately one (1), four 4-day session for the Department of Environmental Protection, Bureau of Personnel.

**Department:** Environmental Protection  
**Location:** Within a ten 10-mile radius of Laurel Hill State Park, approximately eight (8) miles west of Somerset, Pennsylvania off of Route 31.  
**Duration:** Through 12/31/01, with option to renew.  
**Contact:** Sharon Peterson, (717) 787-2471



### Medical Services

**SP-134301012** Physical Therapy Services to residents of the Hollidaysburg Veterans Home. Services on this contract will be on a consultant basis as an independent contractor, not as an employee of the Commonwealth. Duties will be coordinated under the direction of the Commandant & the medical director. Services and scheduling of hours must meet the needs of the facility residents. This is a one-year contract with the option to renew for up to four one-year terms. To request a bid package or have questions answered, fax to Becky J. Clapper, Purchasing Agent III at (814) 696-5395.

**Department:** Military Affairs  
**Location:** Hollidaysburg Veterans Home, Rte. 220 at Meadows Intersection, P. O. Box 319, Hollidaysburg, PA 16648-0319  
**Duration:** Approximately 01 July 2001 through 30 June 2002  
**Contact:** Becky J. Clapper, Fax (814) 696-5395

**SP1345011009** Vendor to supply rehabilitative services (including O.T., P.T., Speech Therapy, etc.) To residents of the Southeastern Veterans Center. Services to be performed on-site. Please fax or e-mail all requests for bids. Fax Number is (610) 948-2461. Email address is tbarthel@dmra.state.pa.us.

**Department:** Military Affairs  
**Location:** Southeastern Veterans Center, 1 Veterans Drive, Spring City, PA 19475  
**Duration:** July 1, 2001 through June 30, 2002  
**Contact:** Theresa Barthel, P.A., (610) 948-2493

**SP 01783003** Youth Forestry Camp No. 2 is soliciting bids for professional dental work to be performed at an off-grounds dental office. These services are to be provided twice weekly, 2 hours each, or an "as needed" basis. Please fax us at (570) 459-3851 to request a bid package.

**Department:** Public Welfare  
**Location:** Youth Forestry Camp No. 2, Hickory Run State Park, R. R. #1 Box 82, White Haven, PA 18661  
**Duration:** July 1, 2001 to June 30, 2002  
**Contact:** Susan E. Wilkinson, Business Manager, (570) 443-9524

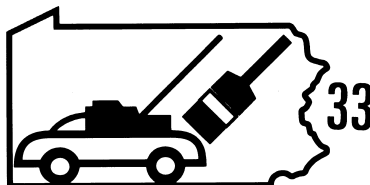




### Personnel, Temporary

**SP 01700001** Contractor to provide the DPW Office of Administration, which includes the Bureaus of Hearings and Appeals, Administrative Services, Facilities Management, Personnel, Equal Employment Opportunity, and Financial Operations, with a maximum of 15 clerk typists, not to exceed 27,000 hours per contract year. The number of personnel used will vary in number throughout the contract period depending on the workload. Staff will be needed to work at Statewide locations. An official copy of the complete bid package may be obtained by faxing your request to (717) 787-3560. Please list the bid number (SP 01700001) and your complete business address on the fax message.

**Department:** Public Welfare  
**Location:** Various Statewide Locations  
**Duration:** Contract period shall begin approximately May 1, 2001, and end April 30, 2002. Contract may be renewed.  
**Contact:** Ed Blandy, Purchase Agent, (717) 772-4883



### Property Maintenance

**BBST-001** To provide all materials, labor, equipment, and scaffolding to "Furnish and Install" Basketball Standards in the Facility gymnasium. Contractor will be required to provide the standards and all related components to be mounted to the gymnasium beams and raised/lowered electrically. Bid response must be equal to the specifications contained in the Bid Proposal package. To obtain a Bid Package, submit a written request to the address shown or fax your request to R.D. Robinson at (814) 255-8370. THERE WILL BE A MANDATORY PRE-BID SITE VISIT.

**Department:** Labor and Industry  
**Location:** Office of Vocational Rehabilitation, HIRAM G. ANDREWS CENTER, 727 Goucher Street, Johnstown, PA 15905  
**Duration:** One year from date of award.  
**Contact:** Robert D. Robinson, Purchasing Agent II, (814) 255-8210

**081S05** This contract is to provide maintenance and service on are heating system.  
**Department:** Transportation  
**Location:** PennDOT, 1185 Fairfield Rd., Gettysburg, PA. 17325  
**Duration:** This is a two year contract with an additional two year period.  
**Contact:** Ronald Raffensperger, (717) 334-3155

**CL-537—9th & Wood St. Utility Relocation** Clarion University of Pennsylvania is soliciting bids for construction of concrete encased underground conduit banks to house utilities along two walkway areas on Clarion Campus. Work includes sidewalk replacement and site restoration. All wiring and termination will be completed by others. Pre-Bid Conference: 1 p.m., April 24. Bid Opening: 2 p.m., May 4. Bid packages available from contact person with receipt of \$20, non-refundable, deposit by check payable to the University, 218 Carrier Hall, Clarion University, PA 16214.

**Department:** State System of Higher Education  
**Location:** Clarion University, Clarion, PA  
**Duration:** 90 Days from Notice to Proceed  
**Contact:** Judy McAninch, Contract Manager, (814) 393-2240

**PGC-2702** The Pennsylvania Game Commission is soliciting bids for the removal and replacement of seven (7) roofs at the Game Commission's Howard Nursery, located at 197 Nursery Road in Howard, Centre County, PA. This work will include the removal and disposal of the existing roofing materials and the furnishing of all materials, equipment and labor necessary for the installation of new asphalt shingle roofs. Interested bidders are encouraged to visit the site and review the project prior to bid submission. For directions to Howard Nursery, call (814) 355-4434. To request a bid package, contact the Game Commission's Automotive & Procurement Division.

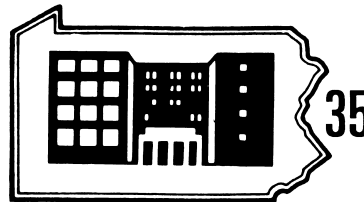
**Department:** Game Commission  
**Location:** Pennsylvania Game Commission, Automotive & Procurement Division, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797  
**Contact:** Diane E. Shultz or Linda E. Beaver, (717) 787-6594

**62-0061** West Chester University of Pennsylvania is soliciting sealed bids for Project 62-0061—Goshen Hall—Main Entry Door Replacement. The work consists of demolition of exterior doors and interior vestibule doors and providing and installing new automated sliding doors at both locations. The doors will be supplied with back up power from an existing emergency generator in the basement. Bid documents will be ready on or about April 18.

**Department:** State System of Higher Education  
**Location:** Goshen Hall—West Chester University  
**Duration:** 45 days from Notice to Proceed  
**Contact:** Jacki Marthinsen, Contracts Manager, (610) 436-2705

**PGC-2701** The Pennsylvania Game Commission is soliciting bids for the removal and replacement of a roof at the Game Commission's Howard Nursery, located at 197 Nursery Road in Howard, Centre County, PA. The existing roof contains asbestos, and this contract is for the removal, handling, transportation and disposal of the existing roofing materials and for providing the materials, equipment and labor necessary for replacement with an asphalt shingle roof.

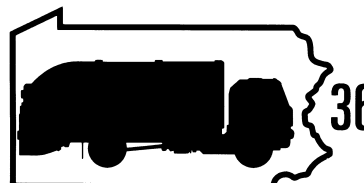
**Department:** Game Commission  
**Location:** Pennsylvania Game Commission, Automotive & Procurement Division, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797  
**Contact:** Diane E. Shultz or Linda E. Beaver, (717) 787-6594



### Real Estate Services

**93113 LEASE MULTI-USE SPACE TO THE COMMONWEALTH OF PA.** Proposals are invited to provide the Department of Transportation with 55,902 useable square feet of multi-use space in Blair County, PA with a minimum parking for 375 vehicles, within the following boundaries: from the Sproul Exit, PA I-99 interchange, North on I-99 to the Frankstown Road Exit, Altoona, PA interchange and within a two (2) miles East or West of the I-99 corridor, Blair County, PA. The PennDOT Engineering District 9-0 Office will occupy the space. Downtown locations will be considered. For more information on SFP #93113 which is due on May 29, 2001, visit [www.dgs.state.pa.us/realstate/re.htm](http://www.dgs.state.pa.us/realstate/re.htm) to download a complete proposal package or call (717) 787-4394.

**Department:** Transportation  
**Location:** 505 North Office Building, Harrisburg, PA 17125  
**Contact:** Mr. Robert Kleimenhagen, Jr., (717) 787-7419



### Sanitation

**PGC-2703** The Pennsylvania Game Commission is soliciting bids for the pick-up and disposal of dead deer on or along or within fifty (50) feet of a highway which is publicly maintained and open to the use of the public for vehicular traffic (excluding the Pa Turnpike and State Routes 1, 30, 202 & 2023) within Chester County, PA. Bidders are required to attend a pre-bid conference to be held on April 24, 2001, beginning at 10 a.m., at the Commission's Southeast Region Office, 448 Snyder Road, Reading, PA. For directions to the Southeast Region Office, call (610) 926-3136. For a bid package contact the Game Commission's Automotive & Procurement Division at (717) 787-6594.

**Department:** Game Commission  
**Location:** Pennsylvania Game Commission, Automotive & Procurement Division, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797  
**Duration:** Contract is for one year, beginning 07/01/01 and ending 06/30/02.  
**Contact:** Diane E. Shultz or Linda E. Beaver, (717) 787-6594

**083S05** Rental of a 30 cubic yard roll-off, for PennDOT, Franklin County, 0830. Bid Packages must be requested by calling (717) 264-4171 between 7 a.m. and 3 p.m. Monday through Friday.

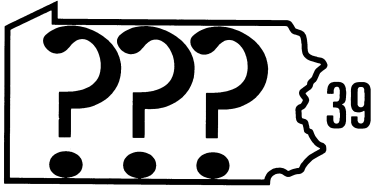
**Department:** Transportation  
**Location:** PennDOT SR0696, Segment 0010, PA696, the NorthBound on Ramp of I-81, Scotland PA  
**Duration:** 21 month contract with no renewals  
**Contact:** Beatrice Bryan, (717) 264-4171

**386112002** Latrine and septic tank pumping and disposal at Kettle Creek State Park, Leidy Twp., Clinton County. Bid opening will be at the Kettle Creek State Park office at 2:30 p.m. on May 4, 2001. Bid packages available at park office.

**Department:** Conservation and Natural Resources  
**Location:** Kettle Creek State Park HCR62, Box 96, Renovo, PA 17764  
**Duration:** July 1, 2001 through June 30, 2004  
**Contact:** Mary B. Hirst, (570) 923-6004

**386116002** Latrine and septic tank pumping and disposal at Ole Bull State Park, Stewardson Twp., Potter County. Bids will be opened at Kettle Creek State Park Office, 2 p.m. May 4, 2001.

**Department:** Conservation and Natural Resources  
**Location:** Ole Bull State Park, HCR62, Box 9, Cross Fork, PA 17729  
**Duration:** 07/01/01 through 06/30/04  
**Contact:** Mary B. Hirst, (570) 923-6004



### Miscellaneous

**CRE-0285** The Contractor shall provide Chaplaincy Services to inmates of the Muslim faith at the State Correctional Institution at Cresson, Sixteen (16) hours of service to be provided weekly to a Muslim population of approximately 151. A Request for Proposal will be utilized in seeking qualified individuals to provide services as requested. Request for Proposal on file in agency purchasing department.

**Department:** Corrections  
**Location:** Commonwealth of Pennsylvania, Department of Corrections, State Correctional Institution at Cresson, P. O. Box A, Old Route 22, Cresson, PA 16630  
**Duration:** Anticipated: July 1, 2001—June 30, 2004  
**Contact:** Barbara A. Lloyd, Pur. Agent, (814) 886-8181

**2374C** Provide new fire alarm components and devices that will interface with the existing Cerberus Pyrotronics Addressable Fire Alarm System in the North Central Secure Treatment Unit (Jackson Building) located on the grounds of the Danville State Hospital, 210 Clinic Road, Danville, PA 17821

**Department:** Public Welfare  
**Location:** North Central Secure Treatment Unit (Jackson Building), 210 Clinic Road, Danville, PA 17821.  
**Duration:** Anticipated 5/1/01 to 6/30/01  
**Contact:** Dee Kuhn, (717) 789-5509

**PG-0012** The State Correctional Institution at Pine Grove is soliciting bids for a 14" Swing Geared Head Engine Lathe with Acu-Rite DRO & Taper Attachment, MSC Valumaster Item #91930099 Brand or approved equal.

**Department:** Corrections  
**Location:** State Correctional Institution at Pine Grove, 189 Fyock Road, Indiana, PA 15701  
**Duration:** April, 2001  
**Contact:** Sherre Benninghoff, Purchasing Agent, (724) 465-9630

**IBP-445** To provide the Hiram G. Andrews Center with specified Power Mobility Equipment to fit the needs of HGA Clients requiring a power wheelchair. To obtain a detailed Bid Proposal package, submit a written request to the address shown or Fax your request to the attention of R.D. Robinson at (814) 255-8370.

**Department:** Labor and Industry  
**Location:** Office of Vocational Rehabilitation, HIRAM G. ANDREWS CENTER, 727 Goucher Street, Johnstown, PA 15905  
**Duration:** 60 days upon award  
**Contact:** Robert D. Robinson, Purchasing Agent II, (814) 255-8210

[Pa.B. Doc. No. 01-720. Filed for public inspection April 20, 2001, 9:00 a.m.]

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## DESCRIPTION OF LEGEND

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| <p><b>1</b> Advertising, Public Relations, Promotional Materials</p> <p><b>2</b> Agricultural Services, Livestock, Equipment, Supplies &amp; Repairs: Farming Equipment Rental &amp; Repair, Crop Harvesting &amp; Dusting, Animal Feed, etc.</p> <p><b>3</b> Auctioneer Services</p> <p><b>4</b> Audio/Video, Telecommunications Services, Equipment Rental &amp; Repair</p> <p><b>5</b> Barber/Cosmetology Services &amp; Equipment</p> <p><b>6</b> Cartography Services</p> <p><b>7</b> Child Care</p> <p><b>8</b> Computer Related Services &amp; Equipment Repair: Equipment Rental/Lease, Programming, Data Entry, Payroll Services, Consulting</p> <p><b>9</b> Construction &amp; Construction Maintenance: Buildings, Highways, Roads, Asphalt Paving, Bridges, Culverts, Welding, Resurfacing, etc.</p> <p><b>10</b> Court Reporting &amp; Stenography Services</p> <p><b>11</b> Demolition—Structural Only</p> <p><b>12</b> Drafting &amp; Design Services</p> <p><b>13</b> Elevator Maintenance</p> <p><b>14</b> Engineering Services &amp; Consultation: Geologic, Civil, Mechanical, Electrical, Solar &amp; Surveying</p> <p><b>15</b> Environmental Maintenance Services: Well Drilling, Mine Reclamation, Core &amp; Exploratory Drilling, Stream Rehabilitation Projects and Installation Services</p> <p><b>16</b> Extermination Services</p> <p><b>17</b> Financial &amp; Insurance Consulting &amp; Services</p> <p><b>18</b> Firefighting Services</p> <p><b>19</b> Food</p> <p><b>20</b> Fuel Related Services, Equipment &amp; Maintenance to Include Weighing Station Equipment, Underground &amp; Above Storage Tanks</p> <p><b>21</b> Hazardous Material Services: Abatement, Disposal, Removal, Transportation &amp; Consultation</p> | <p><b>22</b> Heating, Ventilation, Air Conditioning, Electrical, Plumbing, Refrigeration Services, Equipment Rental &amp; Repair</p> <p><b>23</b> Janitorial Services &amp; Supply Rental: Interior</p> <p><b>24</b> Laboratory Services, Maintenance &amp; Consulting</p> <p><b>25</b> Laundry/Dry Cleaning &amp; Linen/Uniform Rental</p> <p><b>26</b> Legal Services &amp; Consultation</p> <p><b>27</b> Lodging/Meeting Facilities</p> <p><b>28</b> Mailing Services</p> <p><b>29</b> Medical Services, Equipment Rental and Repairs &amp; Consultation</p> <p><b>30</b> Moving Services</p> <p><b>31</b> Personnel, Temporary</p> <p><b>32</b> Photography Services (includes aerial)</p> <p><b>33</b> Property Maintenance &amp; Renovation—Interior &amp; Exterior: Painting, Restoration, Carpentry Services, Snow Removal, General Landscaping (Mowing, Tree Pruning &amp; Planting, etc.)</p> <p><b>34</b> Railroad/Airline Related Services, Equipment &amp; Repair</p> <p><b>35</b> Real Estate Services—Appraisals &amp; Rentals</p> <p><b>36</b> Sanitation—Non-Hazardous Removal, Disposal &amp; Transportation (Includes Chemical Toilets)</p> <p><b>37</b> Security Services &amp; Equipment—Armed Guards, Investigative Services &amp; Security Systems</p> <p><b>38</b> Vehicle, Heavy Equipment &amp; Powered Machinery Services, Maintenance, Rental, Repair &amp; Renovation (Includes ADA Improvements)</p> <p><b>39</b> Miscellaneous: This category is intended for listing all bids, announcements not applicable to the above categories</p> |
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GARY E. CROWELL,  
*Secretary*

**Contract Awards**

The following awards have been made by the Department of General Services, Bureau of Purchases:

<b>Requisition or Contract No.</b>	<b>PR Award Date or Contract Effective Date</b>	<b>To</b>	<b>In the Amount Of</b>
0092-09 Re-bid	04/06/01	Armstrong Printery	25,309.50
0092-09 Re-bid	04/06/01	Boyer Printing & Binding	31,130.50
0092-09 Re-bid	04/06/01	K-B Offset Printing	41,620.00
2420-01 Sup#1	04/06/01	Stull Equip- ment Co.	73,107.00
2420-01 Sup#1	04/06/01	Hines Equip- ment	73,107.00
2420-01 Sup#1	04/06/01	Lancaster Tractor & Equipment	73,107.00
2420-01 Sup#1	04/06/01	Lawn & Golf Supply	73,107.00
2420-01 Sup#1	04/06/01	Vernon's Industrial/ Residential Products	73,107.00
2420-01 Sup#1	04/06/01	Steiner Turf Equipment	73,107.00
4710-01 Rip#1	03/29/01	Advanced Drainage Systems	321,181.50

<b>Requisition or Contract No.</b>	<b>PR Award Date or Contract Effective Date</b>	<b>To</b>	<b>In the Amount Of</b>
1214150-01	04/09/01	ABB Flexible Automation	200,000.00
1324070-01	04/09/01	Shaw Contract Flooring	44,690.00
1393110-01	04/09/01	Wesco Distri- bution	6,742.20
1393110-02	04/09/01	Dauphin Associates/ Dauphin Electric Sup- ply	12,196.40
1398110-01	04/09/01	Beaver Steel Services	53,820.00
8159460-01	04/09/01	Spa Steel Products	34,461.00
8252530-01	04/09/01	Westgate Chevrolet/ Apple Chevrolet	387,532.00
8505610-01	04/09/01	Terre Hill Concrete Products	37,016.00

GARY E. CROWELL,  
*Secretary*

[Pa.B. Doc. No. 01-721. Filed for public inspection April 20, 2001, 9:00 a.m.]

