

# PENNSYLVANIA BULLETIN

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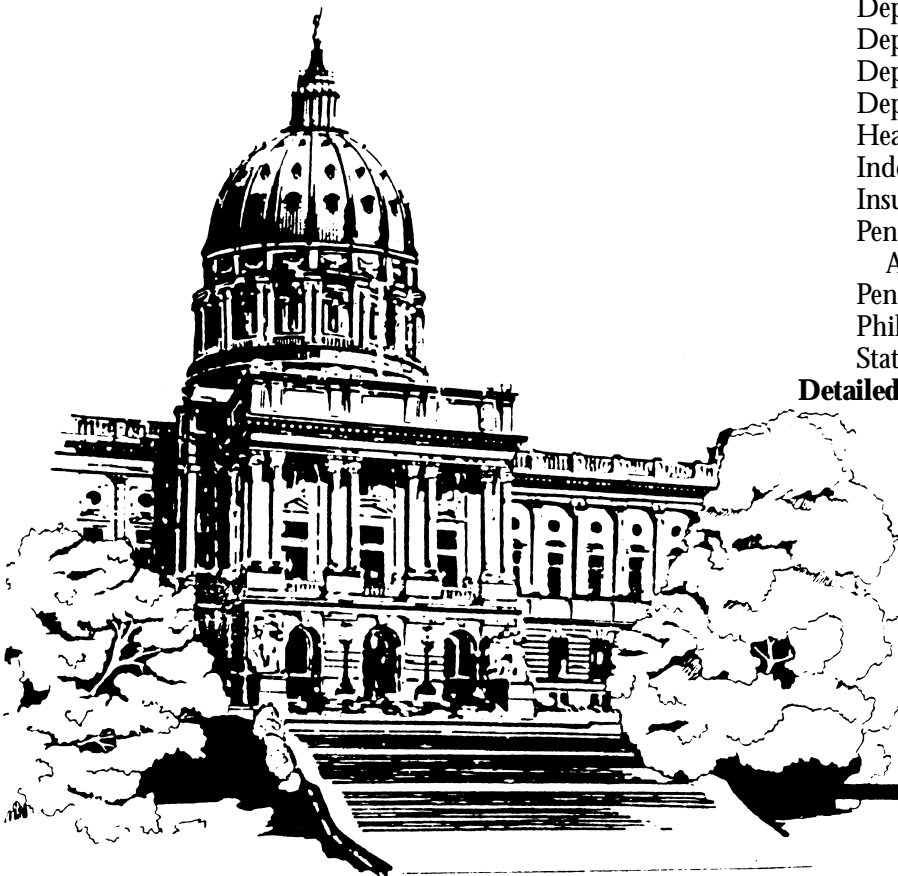
See Part II page 177 for  
the Subject Index for  
January—December 2001

## Part I

### Agencies in this issue:

The General Assembly  
The Courts  
Department of Agriculture  
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  
Health Care Cost Containment Council  
Independent Regulatory Review Commission  
Insurance Department  
Pennsylvania Infrastructure Investment  
Authority  
Pennsylvania Public Utility Commission  
Philadelphia Regional Port Authority  
State Board of Education

**Detailed list of contents appears inside.**



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

**No. 326, January 2002**

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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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GENERAL INFORMATION AND FINDING AIDS: (717) 783-1530**

### 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 2002.

**7 Pa. Code (Agriculture)**

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**255 Pa. Code (Local Court Rules)**

Unclassified .....9, 10, 11, 13, 14

# THE GENERAL ASSEMBLY

## Recent Actions During the 2001 Regular Session of the General Assembly

The following is a summary of recent actions of the General Assembly during the 2001 Regular Session.

### 2001 GENERAL ACTS ENACTED—ACT 089 through 113

<i>Doc. No.</i>	<i>Date of Action</i>	<i>Bill Number</i>	<i>Printer's Number</i>	<i>Effective Date</i>	<i>Subject Matter</i>
089	Nov 30	SB0100	PN1517	90 days	Infant Hearing Education, Assessment, Reporting and Referral (IHEARR) Act—enactment
090	Dec 10	HB0017	PN2740	60 days	Crimes Code (18 Pa.C.S.) and Judicial Code (42 Pa.C.S.)—intimidation of witnesses or victims and aggravated jury tampering
091	Dec 10	HB0829	PN0923	immediately	Emergency Responder Plaza—designation
092	Dec 10	SB0370	PN0383	60 days	Medical Practice Act of 1985—athletic trainer certification
093	Dec 10	SB0371	PN0734	60 days	Osteopathic Medical Practice Act—athletic trainer certification
094	Dec 13	SB0286	PN1181	60 days	Automobile Lemon Law—onmbus amendments
095	Dec 13	HB0846	PN2587	90 days	Long-Term Care Resident and Employee Immunization Act—enactment
096	Dec 13	HB0454	PN2967	120 days	Bloodborne Pathogen Standard Act—enactment
097	Dec 13	HB0437	PN3044	60 days	Agriculture Code (3 Pa.C.S.)—omnibus amendments
098	Dec 13	HB0212	PN3043	immediately	Game and Wildlife Code (34 Pa.C.S.)—omnibus amendments
099	Dec 13	SB0837	PN1619	immediately	Storage Tank and Spill Prevention Act—Underground Storage Tank Environmental Cleanup Program
100	Dec 13	SB0372	PN1578	immediately	Administrative Code of 1929, The—Pennsylvania State Police repealing limitation on aggregate number
101	Dec 17	SB0216	PN1617	immediately*	Associations Code (15 Pa.C.S.) and Judicial Code (42 Pa.C.S.)—omnibus amendments
102	Dec 17	SB0230	PN0243	immediately	Bill of Rights Day—designation
103	Dec 17	SB0280	PN0286	60 days	Dog and Cat Product Act—enactment
104	Dec 17	SB0696	PN1618	60 days	Storage Tank and Spill Prevention Act—storage tank release notification and environmental media
105	Dec 17	SB0965	PN1538	immediately	Legislative Reapportionment—special election to fill General Assembly vacancy under certain circumstances
106	Dec 17	HB1408	PN1654	immediately	Public Works Contractors' Bond Law of 1967—claim enforcement and financial security provided by contractors and bidders
107	Dec 17	HB1405	PN3089	immediately*	County Code, The—omnibus amendments
108	Dec 17	HB0476	PN2189	60 days	Pennsylvania Board of Probation and Parole Law—advisory committee membership
109	Dec 17	HB0453	PN3034	immediately	Military and Veterans Code (51 Pa.C.S.)—paralyzed veteran's pension eligibility
110	Dec 17	SB1215	PN1582	immediately	General Local Government Code (53 Pa.C.S.)—omnibus amendments
111	Dec 17	SB1180	PN1608	immediately	Port of Pittsburgh Commission Act—port district definition and economic development projects

## THE GENERAL ASSEMBLY

<i>Doc. No.</i>	<i>Date of Action</i>	<i>Bill Number</i>	<i>Printer's Number</i>	<i>Effective Date</i>	<i>Subject Matter</i>
112	Dec 17	SB0611	PN1626	immediately	Domestic Relations Code (23 Pa.C.S.)—mandatory inclusion of child medical support and prospective child-care personnel information
113	Dec 17	HB1806	PN3091	immediately	Judicial Code (42 Pa.C.S.)—costs, Commonwealth portion of fines and filling of new judgeships

\*with exceptions

#### Effective Dates of Statutes

The effective dates specified above for laws and appropriation acts were contained in the applicable law or appropriation act. Where no date is specified or where the effective date specified is prior to the date of enactment, the effective date is 60 days after final enactment except for statutes making appropriations or affecting budgets of political subdivisions. See 1 Pa.C.S. §§ 1701—1704 (relating to effective dates of statutes).

#### Advance Copies of Statutes

Section 1106 of Title 1 of the Pennsylvania Consolidated Statutes provides that the prothonotaries of each county shall file advance copies of statutes in their offices for public inspection until the Laws of Pennsylvania are generally available. Section 2406(h) of The Administrative Code of 1929 provides that the Department of General Services shall distribute advance sheets of the Laws of Pennsylvania to each law judge of the courts, to every county and public library of this Commonwealth and to each member of the General Assembly. These copies shall be furnished without charge. The Department shall also mail one copy of each law enacted during any legislative session to any person who pays to it the sum of \$20.

Requests for annual subscriptions for advance copies of statutes should be sent to the State Bookstore-PHMC, Commonwealth Keystone Building, 400 North Street, Harrisburg, PA 17120-0053, accompanied by a check or money order in the sum of \$20, payable to the "Commonwealth of Pennsylvania."

CARL L. MEASE,  
*Director*  
*Legislative Reference Bureau*

[Pa.B. Doc. No. 02-1. Filed for public inspection January 4, 2002, 9:00 a.m.]



# THE COURTS

## Title 255—LOCAL COURT RULES

### BUCKS COUNTY

Fee Bills, Register of Wills, Clerk of the Orphans'  
Court; No. 35766

#### Order

*And Now*, December 10, 2001, upon consideration of the within petition and upon authority of the Act of Assembly cited therein,

*The Court* approves the fee bills of the Register of Wills and Clerk of the Orphans' Court attached to the petition as Exhibit B and directs that said fee bills shall take effect thirty days after publication in the *Pennsylvania Bulletin*.

BARRY R. MCANDREWS,  
*President Judge*

### BUCKS COUNTY ORPHANS' COURT FEE BILL

ADOPTION, petition for, recording of, certificate of adoption, and amended birth information for each child	\$85.00
Counseling Fee	\$75.00
Filing Foreign Adoption	\$25.00
Petition for termination, confirmation of consent, or voluntary relinquishment	\$50.00
Report of Intention to Adopt	\$25.00
Report of Intermediary and Disclosure Affidavit	\$25.00
Search Record	
Non-Identifying	\$100.00
Identifying	\$200.00
AFFIDAVIT, Filing and of service	\$30.00
ANNUAL REPORT	\$30.00
ANSWERS	\$30.00
AUTOMATED COMPUTER PROJECT	\$5.00
APPEALS	
Petition and recording	\$55.00
To supreme or Superior Court, payable to Court	\$55.00
From Register of Wills Probate	\$100.00
ATTACHMENTS	\$25.00
BIRTH RECORDS (1893 TO 1906)	\$10.00
BONDS filing	\$15.00
CERTIFICATIONS	
Copy Furnished	\$15.00
Copy Furnished, per page additional	\$1.00
Short Certificate	\$8.00
Award of Real Estate	\$20.00
Each additional description	\$7.00
CITATION	\$40.00
CLAIMS or DISCLAIMERS, SATISFACTION OF CLAIM	\$30.00
COPIES, per page	\$1.00
DEATH RECORDS (1893 TO 1906)	\$10.00
DEED, Execution by Clerk	\$20.00
ELECTION against a will	\$20.00
EXCEPTIONS or OBJECTIONS	\$20.00
EXEMPLIFICATIONS OR RECORD	\$50.00
FAMILY SETTLEMENT	\$40.00
RESCHEDULE OF HEARING	\$25.00

INFORMAL ACCOUNTS	\$40.00
INVENTORY	
Original Filing	\$30.00
Supplemental Filing	\$30.00
LIVING TRUST	
Note: All Filings going to the Judge	\$35.00
MARRIAGE LICENSES	
Marriage License Application, issue license (includes 1st Certification) (State Tax and Trust Fund \$20.50)	\$45.00
Affidavit of Name Verification	\$10.00
Certification of Marriage	\$20.00
Consent of Parent or Guardian	\$10.00
Duplicate Marriage License	\$10.00
Waiver under Age 16	\$35.00
Emergency	\$35.00
Active Military	No Charge
NAME SEARCH	\$10.00
PA JUDICIAL COMPUTER PROJECT SURCHARGE (first filings, marriage applications)	\$5.00
PETITIONS	\$60.00
PLEADINGS AND PAPERS, not requiring court action	\$30.00
PRECIPE	\$35.00
RECEIPT AND RELEASE	\$30.00
POWER OF ATTORNEY	\$30.00
RETURNED CHECK	\$35.00
SATISFACTION OF AWARD	\$15.00
SCHEDULE OF DISTRIBUTION	\$35.00
SPECIAL SERVICES	\$30.00
SUBPOENA	\$15.00
STIPULATION	\$40.00
TRANSFERS	\$40.00

#### ACCOUNTS

Personal Representative, Trustee and Guardian Accounts filing, advertising, adjudication and recording

Over	But not More Than	Accounts (Advertising Included)
0	250	\$25.00
250	1,000	\$35.00
1,000	5,000	\$50.00
5,000	10,000	\$75.00
10,000	25,000	\$100.00
25,000	50,000	\$150.00
50,000	100,000	\$200.00
100,000	200,000	\$250.00
200,000	300,000	\$300.00

Each additional \$100,000 or fraction \$100.00  
Readvertising Accounts \$50.00

### BUCKS COUNTY REGISTER OF WILLS FEE BILL

AFFIDAVIT, filing	\$15.00
ANSWERS	\$25.00
AUTOMATED COMPUTER PROJECT	\$5.00
Document Reproduction, (all first filings)	
BOND, filing	\$15.00
CAVEAT, filing	
Formal with Bond	\$100.00
Informal	\$35.00
CERTIFICATION	
Copy Furnished	\$15.00
Per Page, additional copy not furnished	\$1.00

Filing and Recording	\$25.00
Short Certificate	\$8.00
redating	\$4.00
Certifying Record to Orphans' Court on Appeal	\$40.00
CITATION	\$60.00
Each Additional	\$5.00
CODICIL	\$20.00
COMMISSION	\$45.00
COPIES, per page	\$1.00
EXEMPLIFICATIONS	
Issuing, copy furnished	\$50.00
Filing	\$40.00
GENEALOGICAL RESEARCH	
Each Estate	\$25.00
Additional, Per Page Copy Charge	\$1.00
HEARINGS	
Escrow for Court Costs	\$200.00
Schedule Hearing	\$250.00
Cancellation or Reschedule Hearing	\$100.00
INHERITANCE TAX	
Certification	\$15.00
Tax Return	\$20.00
Supplemental return	\$20.00
706-Federal Estate Tax Return copy	\$20.00
Waivers, PA Securities	\$5.00
Joint Tax Return, filing	\$20.00
INVENTORY	
Original Filing	\$20.00
Supplemental filing	\$20.00
LETTERS OF ADMINISTRATION DBN OR DBNCTA	\$75.00
OUTSIDE OFFICE SERVICES	
Administration Oath, one instrument per location	\$75.00
Each Additional Instrument, at same location	\$15.00
Mileage Additional, charge per location	
NON-PROBATE FUNERAL LETTER	\$15.00
PA JUDICIAL COMPUTER PROJECT SURCHARGE	\$5.00
PLEADINGS AND PAPERS	
Matters Requiring Hearings	\$45.00
Other Pleadings and Papers	\$25.00
PROCESSING FEE	\$20.00
RENUNCIATIONS	\$5.00
REVOCATION OF LETTERS	\$150.00
RETURNED CHECK	\$35.00
SUBPOENA	\$15.00
SUGGESTION OF DEATH	\$10.00
TRUSTEE CERTIFICATE	\$15.00
WITNESS AFFIDAVIT (NOTARIZED), filing	\$20.00
ESTATE SEARCH & RECORD	\$25.00

Each additional \$100,000 or fraction \$100.00  
 [Pa.B. Doc. No. 02-2. Filed for public inspection January 4, 2002, 9:00 a.m.]

**LYCOMING COUNTY**

**Amendments to the Orphan's Court Rules; 01-02100**

**Order**

*And Now*, this 3rd day of December, 2001, it is hereby *Ordered and Directed* as follows:

1. Lycoming County Orphan's Court Rules L7.1, L7.1 and L15.1 are rescinded.
2. Lycoming County Orphan's Court Rules L15.8 and L17.7 are revised as indicated.
3. The Clerk of the Orphan's Court is directed to:
  - a. File seven (7) certified copies of this order with the Administrative Office of the Pennsylvania Courts.
  - b. Forward two (2) certified copies of this order to the Legislative Reference Bureau for publication in the *Pennsylvania Bulletin*.
  - c. Forward one (1) copy of this order to the *Lycoming Reporter* for publication therein.
  - d. Forward one (1) copy to the chairperson of the Lycoming County Customs and Rules Committee.
  - e. Keep continuously available for public inspection copies of this order.
4. The rule revisions approved by this order shall become effective 30 days after publication in the *Pennsylvania Bulletin*.

*By the Court*

CLINTON W. SMITH,  
*President Judge*

**L15.8. Proposed Findings and Decree.**

B. The petitioner shall attach a proposed decree to the proposed findings required by subsection A of this rule. If parental rights have previously been terminated, the decree shall be in the form set forth in Lyc. Co. O.C.R. L17.6. If parental rights are to be terminated at the time of the adoption, the decree shall be in the form [ **of a decree nisi as** ] set forth in Lyc. Co. O.C.R. L17.7.

**L17.7. Decree Nisi in an Adoption.**

The decree [ **nisi** ] to be submitted to the court where parental rights are to be terminated at the time of the adoption, required by Lyc. Co. O.C.R. L15.8B, shall be in the following form:

IN RE ADOPTION OF: : IN THE COURT OF  
 : COMMON PLEAS OF  
 : LYCOMING COUNTY,  
 : PENNSYLVANIA  
 \_\_\_\_\_ :  
 : ORPHAN'S COURT  
 : DIVISION  
 :  
 : DOCKET NUMBER:

**LETTERS OF ADMINISTRATION AND TESTAMENTARY**

Graduated according to gross value of estate

<i>Over</i>	<i>But not More Than</i>	<i>Letters Testamentary C.T.A. or Administration</i>
0	250	\$10.00
250	1,000	\$15.00
1,000	5,000	\$50.00
5,000	10,000	\$75.00
10,000	25,000	\$100.00
25,000	50,000	\$125.00
50,000	100,000	\$150.00
100,000	200,000	\$200.00
200,000	300,000	\$250.00

DECREE [ NISI ]

AND NOW, this \_\_\_\_ day of \_\_\_\_\_, [ 19 ] 20 , after hearing on the petition filed,

IT IS ORDERED AND DECREED:

(1) That the parental rights of \_\_\_\_\_ be and hereby are terminated;

(2) That the welfare of \_\_\_\_\_ will be promoted by the adoption; that all requirements of the Adoption Act have been met; that the adoptee shall have all the rights of a child and heir of \_\_\_\_\_ and \_\_\_\_\_ and shall be subject to the duties of a child of the petitioners; and that the child shall hereafter be known as \_\_\_\_\_.

**[ A copy of this adjudication shall be served upon the person whose parental rights are terminated, along with a notice informing that person of the right to file exceptions to this adjudication within ten (10) days of notice of filing of the adjudication. If no exceptions are filed within the ten day period, the Clerk of the Orphans' Court shall, upon praecipe, enter this decree nisi as the final decree. ]**

**Notice to the Natural Father and Natural Mother  
Pennsylvania Adoption Medical History Registry**

This is to inform you about an adoption law provision relating to medical history information. As the birth parent of a Pennsylvania born child who is being or was ever adopted in the past, you have the opportunity to voluntarily place on file medical history information. The information that you choose to provide could be important to the child's present and future medical care needs. The law makes it possible for you to file current medical information and it also allows you to update the information as new medically related information becomes available. Requests to release the information will be honored if the request is submitted by a birth child 18 years of age or older. The law also permits the court to honor requests for information submitted by the adoptive parents or legal guardians of adoptees who are not yet 18 years of age. All information will be maintained and distributed in a manner that fully protects your right to privacy.

You may obtain the appropriate form to file medical history information by contacting the Adoption Medical History Registry. Members of the registry staff are available to answer your questions. Please contact the registry staff at:

Department of Public Welfare  
Adoption Medical History Registry  
Hillcrest, Second Floor, P. O. Box 2675  
Harrisburg, PA 17105-2675  
Telephone: 1-800-227-0225

Medical history information forms may also be obtained locally by contacting one of the following agencies:

County Children and Youth Social Service Agency  
Any private licensed adoption agency  
The Lycoming County Register and Recorder's Office

BY THE COURT,

J.

[Pa.B. Doc. No. 02-3. Filed for public inspection January 4, 2002, 9:00 a.m.]

LYCOMING COUNTY

**Amendments to the Rules of Civil Procedure;  
01-02100**

**Order**

And Now, this 3rd day of December, 2001 , it is hereby Ordered and Directed as follows:

1. Lycoming County Rules of Civil Procedure L206 and L212 are revised as indicated.

2. The Prothonotary is directed to:

a. File seven (7) certified copies of this order with the Administrative Office of the Pennsylvania Courts.

b. Forward two (2) certified copies of this order to the Legislative Reference Bureau for publication in the *Pennsylvania Bulletin*.

c. Forward one (1) certified copy of this order to the Pennsylvania Civil Procedural Rules Committee.

d. Forward one (1) copy of this order to the *Lycoming Reporter* for publication therein.

e. Forward one (1) copy to the chairperson of the Lycoming County Customs and Rules Committee.

f. Keep continuously available for public inspection copies of this order.

3. The rule revisions approved by this order shall become effective 30 days after publication in the *Pennsylvania Bulletin*.

By the Court

CLINTON W. SMITH,  
*President Judge*

**L206. Motion Procedure.**

F. *Scheduling.* The court shall schedule argument, hearing or briefing as required, note the scheduling information on the cover sheet, and issue the scheduling order appearing on the cover sheet. The due dates of briefs, if ordered, shall also be noted on the cover sheet. The prothonotary shall forward the completed cover sheet to **[ the filing party or counsel ] all parties identified on the cover sheet**. The filing party or counsel shall be responsible for identifying all parties or their counsel on the cover sheet **[ and for serving the completed cover sheet upon all parties or their counsel ]**. If a party was not served with a copy of the executed cover sheet as a result of an omission of the filing party, the argument or hearing may be rescheduled or, in the discretion of the court, the request for relief may be denied.

G. *Form.* The form of the cover sheet shall be substantially as follows:

THE COURTS

LYCOMING COUNTY COURT OF COMMON PLEAS  
LOCAL RULE L206 COVER SHEET

Caption (may be abbreviated)

Docket No. \_\_\_\_\_

vs.

Case assigned to Judge \_\_\_\_\_  
 none

1. Name of filing party \_\_\_\_\_

2. Filing party's attorney \_\_\_\_\_

3. Type of filing \_\_\_\_\_

<p>4. The following is/are required:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Issuance of a rule to show cause - See Pa.R.C.P. No. 206.5 for form)</li> <li><input type="checkbox"/> Argument</li> <li><input type="checkbox"/> Evidentiary Hearing</li> <li><input type="checkbox"/> Court conference</li> <li><input type="checkbox"/> Entry of order in an uncontested matter or upon agreement of the parties (attach order and all supporting documentation)</li> <li><input type="checkbox"/> Expedited consideration. State the basis:</li> </ul> <p>_____</p> <p>_____</p> <p>_____</p> <p>5. Time required: _____</p>	<p>6. Name and addresses of all counsel of record and unrepresented parties (Continue on separate sheet.)</p>
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**ORDER**

1. An \_\_\_\_\_ argument \_\_\_\_\_ factual hearing \_\_\_\_\_ court conference is scheduled for \_\_\_\_\_ at \_\_\_\_\_ m in courtroom no. \_\_\_\_\_, Lycoming County Courthouse, Williamsport, PA.

2. \_\_\_\_\_ Briefs are to be filed by the following dates:  
Filing party \_\_\_\_\_ .  
Responding party(ies) \_\_\_\_\_ .

3. \_\_\_\_\_ A rule to show cause or other order is issued as attached.

4. **[ THE FILING PARTY SHALL SERVE A COPY OF THIS EXECUTED SCHEDULING ORDER ON ALL COUNSEL OR UNREPRESENTED PARTIES AND ALSO ON ]** Other: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Judge Date

**L212. Pretrial Conferences and Trial Scheduling.***B. Pre-trial conferences.*

2. [On or before the date set for] Seven days prior to the date set for the pre-trial conference, each party shall file three copies of a pre-trial statement. A copy of the pre-trial statement shall be [handed to the judge conducting the pre-trial conference at the time of the pre-trial conference] served on all other parties simultaneously with the filing. The pre-trial statement shall be in substantially the following form:

[Pa.B. Doc. No. 02-4. Filed for public inspection January 4, 2002, 9:00 a.m.]

**LYCOMING COUNTY****Amendments to the Rules of Civil Procedure;  
01-02100****Order**

And Now, this 3rd day of December, 2001, it is hereby Ordered and Directed as follows:

1. Lycoming County Rule of Civil Procedure L1915.12 is hereby promulgated.

2. The Prothonotary is directed to:

a. File seven (7) certified copies of this order with the Administrative Office of the Pennsylvania Courts.

b. Forward two (2) certified copies of this order to the Legislative Reference Bureau for publication in the *Pennsylvania Bulletin*.

c. Forward one (1) certified copy of this order to the Pennsylvania Domestic Relations Rules Committee.

d. Forward one (1) copy of this order to the *Lycoming Reporter* for publication therein.

e. Forward one (1) copy to the chairperson of the Lycoming County Customs and Rules Committee.

f. Keep continuously available for public inspection copies of this order.

3. The rule revisions approved by this order shall become effective 30 days after publication in the *Pennsylvania Bulletin*.

By the Court

CLINTON W. SMITH,  
*President Judge*

**L1915.12. Required Certification for Petition for Civil Contempt Relating to a Custody Order.**

A. Any petition requesting a finding of contempt of a custody order must also contain, as an exhibit, a certification by counsel or by the pro se litigant, of the effort to resolve the alleged contempt without resort to the court. At a minimum, the certification shall specify which of the following applies:

1. The opposing party is represented by counsel. Counsel was apprised of the alleged contemptuous conduct and that a contempt petition would be filed unless remedial steps were offered, but the opposing party, through counsel, has declined to offer sufficient remedial steps. Such remedial steps may include assurance of compliance with the order and replacement time for custody or

visitation time claimed to have been lost to the petitioning party by the alleged contemptuous conduct.

2. The opposing party is not represented by counsel. The opposing party was apprised in writing of the alleged contemptuous conduct and warned that a contempt petition would be filed unless remedial steps were offered, but the opposing party has declined to offer sufficient remedial steps. Such remedial steps may include assurance of compliance with the order and replacement time for custody or visitation time claimed to have been lost to the petitioning party by the alleged contemptuous conduct.

3. Remedial steps were offered by the opposing party, but were then not taken within a reasonable period of time.

4. Due to special circumstances (described in detail in the certification) an attempt to resolve the matter without filing a petition for contempt is likely to cause significant prejudice (also described) to the petitioning party.

B. Failure to attempt resolution of the alleged contempt in accordance with the requirements of this rule could be cause for dismissal of the petition for contempt.

[Pa.B. Doc. No. 02-5. Filed for public inspection January 4, 2002, 9:00 a.m.]

**LYCOMING COUNTY****Amendments to the Rules of Criminal Procedure;  
01-02100****Order**

And Now, this 3rd day of December, 2001, it is hereby Ordered and Directed as follows:

1. Lycoming County Rules of Criminal Procedure L1, L67, L130, L309, L1100 and L1123 are hereby rescinded.

2. Lycoming County Rules of Criminal Procedure L140, L142 and L301 are revised as indicated.

3. The Prothonotary is directed to:

a. File seven (7) certified copies of this order with the Administrative Office of the Pennsylvania Courts.

b. Forward two (2) certified copies of this order to the Legislative Reference Bureau for publication in the *Pennsylvania Bulletin*.

c. Forward one (1) certified copy of this order to the Pennsylvania Criminal Procedural Rules Committee.

d. Forward one (1) copy of this order to the *Lycoming Reporter* for publication therein.

e. Forward one (1) copy to the chairperson of the Lycoming County Customs and Rules Committee.

f. Keep continuously available for public inspection copies of this order.

4. The rule revisions approved by this order shall become effective 30 days after publication in the *Pennsylvania Bulletin*.

By the Court

CLINTON W. SMITH,  
*President Judge*

**L140. Preliminary Arraignment.**

A. In advising the defendant of his right to secure counsel of his choice and of his right to be assigned

counsel, the issuing authority shall specifically describe the procedure to be followed in applying for assignment of counsel and shall have public defender application forms available.

**[ B. Before accepting an uncounseled waiver of a preliminary hearing, the issuing authority shall advise the defendant of the nature and purpose of a preliminary hearing from a form provided by the court administrator for that purpose. If and when the magistrate concludes that the defendant's desire to waive the preliminary hearing is intelligent and voluntary, he shall have the defendant sign said form and forward the same to the court, along with such other papers as are necessary.**

**C ] B. [ Where a preliminary hearing is not waived, the ]** The defendant shall be specifically advised that if he fails to obtain counsel to represent him at the scheduled preliminary hearing, he shall be found to have waived his right to counsel. No continuance of the preliminary hearing will be granted by reason of a failure to make timely application for counsel prior to the hearing. An application for public defender is deemed to be timely if filed with the court administrator not less than two (2) working days before the scheduled hearing, provided the defendant is advised of that fact. A working day is any day in which the court holds regularly scheduled sessions.

**[ D ] C.** Where a preliminary hearing is not held within the time **[ limit ] limits [ provided in Pa.R. Crim.P. 140(d)(1) ]** required by the Pennsylvania Rules of Criminal Procedure, the issuing authority's transcript shall set forth precisely the reasons or cause for any extension of the ten-day time limit.

#### **L142. Continuance of Preliminary Hearing.**

In passing upon requests for continuance of a preliminary hearing, the issuing authority shall give due consideration to the need to expeditiously handle criminal cases. **[ and to the policy of the Court of Common Pleas of Lycoming County to seek to bring cases to trial within three months of the date of filing of the complaint. ]**

#### **L301. Continuances.**

In deciding whether to grant or deny a request for continuance, the court shall give due **[ weight to the policy of this court to bring cases to trial within three months of the filing of the complaint where the interests of justice permit ]** consideration to the need to expeditiously handle criminal cases. All requests for continuances shall be on forms provided by the court administrator.

[Pa.B. Doc. No. 02-6. Filed for public inspection January 4, 2002, 9:00 a.m.]

### **SOMERSET COUNTY**

**Consolidated Rules of Court; No. 87 Misc. 2001**

#### **Adopting Order**

*And Now*, this 10th day of December, 2001, it is hereby *Ordered*:

1. Paragraph A. of Som.R.Crim.P. 600.1, Criminal Trial Scheduling, is amended to read as follows (consisting of

paragraphs A. through C.), effective thirty (30) days after publication in the *Pennsylvania Bulletin*.

2. Som.R.J.A. 1032, Call Of Criminal Trial List, is amended to read in its entirety as reflected in revised Som.R.J.A. 1032, attached hereto, effective thirty (30) days after publication in the *Pennsylvania Bulletin*.

3. The Somerset County Court Administrator is directed to:

A. File seven (7) certified copies of this Order and the attached Rules with the Administrative Office of Pennsylvania Courts.

B. Distribute two (2) certified copies of this Order to the Legislative Reference Bureau for publication in the *Pennsylvania Bulletin*.

C. File one (1) certified copy of this Order and attached Rules with the Pennsylvania Criminal Procedural Rules Committee.

D. File proof of compliance with this Order in the docket for these Rules, which shall include a copy of each transmittal letter.

*By the Court*

EUGENE E. FIKE, II,  
*President Judge*

#### **Som. R.Crim.P. 600.1. Criminal Trial Scheduling.**

A. The call of the criminal trial list shall be held on the second Tuesday preceding the beginning of the trial session, or at such other time established by the court.

B. At the call of the criminal trial list, all trial counsel must, unless excused by the court for cause, be present to report readiness for trial, and all defendants who have not previously pleaded to all charges shall be present for that purpose, unless the court grants, or has granted, leave to plead on another date.

C. At the call of the list, the report of readiness for trial means that: All parties, witnesses, and counsel will (barring unexpected subsequent causes) be available, prepared and present for trial, on the scheduled trial date and throughout the trial session until the case is called and trial completed. The readiness report is a professional commitment to the court and to all others in the case as above defined. Therefore, the readiness report certifies that reporting counsel has made the necessary recent inquiries of parties and witnesses in advance so that the readiness report will be informed and dependable.

Accordingly, if readiness is qualified in any way for any reason, the court must be informed thereof at the time of the call of the list, and facts which existed and should have been discovered before the readiness report are not cause for later continuance.

#### **Som. R.J.A. 1032. Call Of Criminal Trial List.**

The call of the criminal trial list shall be held on the second Tuesday preceding the beginning of the trial session, or at such other time established by the court.

[Pa.B. Doc. No. 02-7. Filed for public inspection January 4, 2002, 9:00 a.m.]

## DISCIPLINARY BOARD OF THE SUPREME COURT

### Notice of Transfer of Attorneys to Inactive Status

Notice is hereby given that the following attorneys have been transferred to inactive status by Order of the Supreme Court of Pennsylvania dated November 19, 2001, pursuant to Rule 111(b) Pa.R.C.L.E., which requires that every active lawyer shall annually complete, during the compliance period for which he or she is assigned, the continuing legal education required by the Continuing Legal Education Board. The Order became effective December 19, 2001 for Compliance Group 1 due April 30, 2001.

Notice with respect to attorneys having Pennsylvania registration addresses, who have been transferred to inactive status by said Order, was published in the appropriate county legal journal.

Aravind Aithal  
Piscataway, NJ

Michael James Banks  
Australia

Bruno Bellucci III  
Linwood, NJ

Jennifer Fletcher Beltrami  
New York, NY

Susan Berk  
Silver Spring, MD

Francis J. Brennan  
Cranbury, NJ

Charles A. Bruder  
Woodbridge, NJ

Preston Marlon Canzius  
Redmond, WA

Anthony D. Cipollone  
Hackensack, NJ

Francis X. Coonelly  
New York, NY

William F. Costigan  
New York City, NY

Kenneth Peter Craig  
Elmira, NY

Mario J. D'Alfonso  
Cherry Hill, NJ

Kelly R. Dalmass  
Westmont, NJ

Gloria H. Danziger-Signer  
Tacoma Park, MD

Tamara P. Williams Desai  
Raleigh, NC

Paul A. Devlin  
Trenton, NJ

Robert John Ellis Jr.  
New York, NY

Howard Alan Enders  
Westampton, NJ

John A. Frates  
White Plains, NY

Louis Giansante  
Moorestown, NJ

George C. Godfrey  
Pleasantville, NJ

Edward Drew Jacobson  
Washington, DC

Mark Leonard Jones  
Naperville, IL

Michael Alan Katz  
Cherry Hill, NJ

Dale Whalon Keith  
Cherry Hill, NJ

Brian W. Kincaid  
Parsippany, NJ

John Francis Kwasnik  
Metuchen, NJ

Dorothy Eugenia Langan  
Washington, DC

Wilfrid LeBlanc  
Roselle, NJ

John Edward MacDonald  
Princeton, NJ

Konstandino S. Mantzas  
Cherry Hill, NJ

William H. McCarty  
Weston, FL

Miliene McCutcheon  
Boston, MA

Robert B. McKenna  
Denver, CO

Lauren E. McNitt  
Bolder, CO

Laura Jane Meltzer  
Los Angeles, CA

Richard Mizrack  
New York, NY

Jennifer Morro  
Frenchtown, NJ

Nancy Schnuer Nash  
Williamsburg, VA

John S. O'Connor  
Nags Head, NC

Daniel James O'Rourke  
Palo Alto, CA

Myrna Y. Peralta  
Washington, DC

Deborah Ann Pierce  
Vauxhall, NJ

Naima Ayo Quarles  
New Rochelle, NY

Lori Karen Reiner  
Haddon Heights, NJ

Craig Philip Rieders  
Miami, FL

Daniel Wesley Roslokken  
Oakland, NJ

Eva Rubinstein  
Williamsville, NY

Elizabeth Stewart Schmidt  
Alexandria, VA

Jeffrey L. Schwartz  
Metuchen, NJ

Glen David Schwarzschild  
Cherry Hill, NJ

Joel B. Silver  
Voorhees, NJ

James R. Sims  
Washington, DC

Marc C. Singer  
Newark, NJ

Donald E. Souders  
Phillipsburg, NJ

Siobhan Spillane  
Hackensack, NJ

Edward Francis Stopyra  
Newark, DE

Martin Patrick Sullivan  
Arlington, VA

Stephen Clarke Taylor  
Washington, DC

Donald Melvin Temple  
Washington, DC

Jeanine Warrington  
Galloway, NJ

Janice Rita Weidenborner  
Bermuda

Paul Gerard Weiss  
Medford Lakes, NJ

Robert J. David Werner  
Peapack, NJ

Jacques R. Williams  
Morgantown, WV

Rachel Ana Wingerter  
Caldwell, NJ

Robb Nathaniel Wong  
Gaithersburg, MD

Nancy R. Wood  
Mt. Holly, NJ

Paul Woolls  
Los Angeles, CA

Ingrid Brunk Wuerth  
Cincinnati, OH

David Edward Zerbee  
Fairfax, VA

ELAINE M. BIXLER,  
*Executive Director and Secretary  
The Disciplinary Board of the  
Supreme Court of Pennsylvania*

[Pa.B. Doc. No. 02-8. Filed for public inspection January 4, 2002, 9:00 a.m.]



# RULES AND REGULATIONS

## Title 22—EDUCATION

### STATE BOARD OF EDUCATION

#### [22 PA. CODE CH. 4]

#### Academic Standards and Assessment for Science and Technology and Environment and Ecology

The State Board of Education (Board) amends 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).

Notice of proposed rulemaking was published at 31 Pa.B. 2136 (April 21, 2001) with an invitation to submit written comments.

#### *Purpose*

These final-form regulations 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.

#### *Comments and Responses*

More than 120 individuals and organizations offered comments on the proposed rulemaking. Fourteen letters were received from members of the House and Senate Education Committees. In addition, the Independent Regulatory Review Commission (IRRC) offered detailed comments on the proposed rulemaking.

#### *Evolution and the Theory of Evolution*

In the proposed rulemaking, Standards 3.3.10.D and 3.3.12.D require what must be taught about evolution and the theory of evolution. A wide range of opinions and suggestions for change regarding evolution were expressed by public commentators and members of the House and Senate Education Committees. The majority of public commentators objected to the wording of these standards in the proposed rulemaking and stated that the theory of evolution was inappropriately singled out for critical analyses. They suggested that these standards would permit or even encourage schools to teach creationism or intelligent design. Others supported the wording in the proposed rulemaking because they believed that it would encourage healthy skepticism regarding evolution. Some suggested that schools be required to teach other theories of evolution, including intelligent design. Several suggested that it may be impossible to separate religious beliefs from the teaching of evolution and recommended that all mention of evolution regarding the origin of life be removed from the document. IRRC questioned the intent of these two standards and suggested that they duplicate standards in Section 3.2 Inquiry and Design that sets forth requirements for the examination of new data and critical evaluation of existing scientific theories.

Despite the reading that many had of these standards in the proposed rulemaking, the Board did not intend to encourage the teaching of creationism or intelligent design; standards were written to encourage critical thinking by students. To clarify this intent, a number of revisions have been made in these final-form regulations. The descriptor calling for students to analyze records and

studies “that support or do not support the theory of evolution” in Standard 3.3.10.D has been substantially changed to call for students to analyze studies “relevant to the theory of evolution.” The descriptor “Analyze the impact of new scientific facts on the theory of evolution” in Standard 3.3.12.D has been eliminated in these final-form regulations.

To reinforce the importance the Board places on critical thinking in the teaching of scientific theories, changes were made in Standard 3.2.12.A by specifying a number of theories (including the theory of evolution) which might be critically evaluated to meet the standard “Evaluate the nature of scientific and technological knowledge.” In addition, the theory of evolution has been added as an example in Standards 3.1.10.E and 3.1.12.E in Section 3.1 Unifying Themes.

Because of the detailed attention to evolution in comments received by the Board, there were many suggestions to clarify and improve the wording of the individual standards in Section 3.2 Biology that deal with evolutionary concepts. As a result, specific changes have been made in these final-form regulations to Standards 3.3.4.C, 3.3.7.C and 3.3.12.C regarding inherited characteristics, gene mutation and natural selection. Specific changes were also made to Standards 3.3.7.D, 3.3.10.D and 3.3.12.D regarding individual differences, population growth, gene frequency and natural selection.

#### *Clarifying the Meaning of Individual Standards*

Several changes were recommended by commentators, members of the House Education Committee and IRRC to make individual standards more precise and clear. Standard 3.1.4.D in the proposed rulemaking states, “Describe scale as a ratio (such as, pipe fittings).” Members of the House Education Committee and IRRC commented that the use of “pipe fittings” as an example is confusing and recommended the use of model scales or map scales. The final-form regulations refer to “map scales” in Standard 3.1.4.D.

Standard 3.2.10.A in the proposed rulemaking stated, “Know that science is limited to the study of observable aspects of the world and universe.” Commentators and IRRC noted that the term “observable” could be interpreted to mean “directly visible.” IRRC recommended that since not all scientific phenomena can be “seen” directly, the term observable should be defined in Section IX Glossary. In response to these comments, the statement has been changed in the final-form regulations to state, “Know that science uses both direct and indirect observation means to study the world and the universe.”

Standard 3.4.4.D required fourth graders to “Recognize the earth’s place in the solar system” and to “explain (such as, days, seasons), major lunar phases and eclipses.” Commentators and IRRC commented that this requirements are too abstract for fourth grade students to understand. IRRC noted that the proposal did not specify the depth of understanding of these concepts in the fourth grade and recommended that this be specified in the final-form rulemaking. After considering the comments, the Board did not elect to make changes to the Standard 3.4.4.D. Information and examples of the level of understanding required by this standard and others will be contained in the “Classrooms Connections” kits, other training and instructional materials and parent information.

Standard 3.5.4.D. in the proposed rulemaking required fourth grade students to “describe locations of fresh and salt water” in or near Pennsylvania. Also, 10th and 12th grade standards (Standards 3.5.10.D and 3.5.12.D) required students to compare sources of water and development of water use in Pennsylvania. Commentators and IRRC commented that these standards should not be limited to bodies of water in Pennsylvania. These final-form regulations revise Standards 3.5.4.D, 3.5.10.D and 3.5.12.D to more generally refer to sources of water and development of water use, thus not restricting study to Pennsylvania alone.

Standard 3.5.7.C in the proposed rulemaking, relating to meteorology for seventh graders, required students to “Identify cloud types, wind directions and barometric pressure changes are associated with weather patterns. . . .” Commentators and IRRC suggested that the comparable fourth grade standard should expect students to identify cloud types as a precursor for the seventh grade standard. The final-form regulations add an expectation for students to identify cloud types in Standard 3.5.4.C.

#### *Agricultural Science*

Commentators, members of the House Education Committee and IRRC stated the proposed standards did not adequately address the agricultural sciences as required by Chapter 4 or reflect the importance of agriculture and agricultural sciences in Pennsylvania. As a result, the Board has made a number of changes in these final-form regulations.

In the Science and Technology standards, language has been added to Section 3.6 Technology Education, specifically under the descriptors for Standards 3.6.7.A, 3.6.10.A and 3.6.12.A. Taken together these descriptors call for students to understand, describe and apply agricultural sciences and their impact and relationship to biotechnology. In Section 3.8 Science, Technology and Human Endeavors, additional descriptors have been added to Standards 3.8.7.B, 3.8.10.B and 3.8.12.B that call for students to identify, explain, assess and apply knowledge of agricultural sciences in meeting human needs.

In the Environment and Ecology standards, new standards in the final-form regulations have been added to Section 4.4 Agriculture and Society specific to agriculture and agricultural sciences. New Standards 4.4.4.B, 4.4.7.B, 4.4.10.B and 4.4.12.B require students to identify the role of the sciences in Pennsylvania agriculture, investigate how agricultural science has recognized the various soil types, assess the influence of agricultural science on farming practices and describe how agricultural science has influenced biotechnology. Each of these new standards also includes detailed descriptors.

IRRC suggested that Standard 4.8.12.B in the proposed rulemaking that required students to “analyze how technology has improved agricultural productivity” was more consistent with the standards under Section 4.4.12 relating to Agriculture and Society. In these final-form regulations, the standard has been eliminated in favor of more detailed standards in Section 4.4 that encompass concepts of agricultural productivity.

#### *Implementation Concerns*

Commentators and members of the House Education Committee raised concerns about the implementation of these science standards. First, there is a concern that these standards will change the current organization and sequencing of science courses and curricula at the high school level because there are standards for biology, chemistry, earth sciences and the like at both the 10th

and 12th grade levels. It is anticipated that each district will be reviewing its current curriculum and will modify it where necessary to ensure that it is organized to enable students to meet these standards. Based on discussions with teachers and curriculum directors around the State, these standards will not require courses in each of the science disciplines each year; they will, however, encourage more integration in the science curriculum across the disciplines.

Second, a concern was expressed about when State assessments in science would be administered. Currently, state assessments in reading and mathematics are administered in grades 5, 8 and 11 while assessments in writing are administered in grades 6, 9 and 11. Science assessments will be administered based on the 4th, 7th and 10th grade standards. It is anticipated that science assessments will begin in the 2002-03 school year.

#### *Changes for Clarity*

IRRC recommended that the table of contents for both sets of standards list subject areas and categories with the same capital letters that label them in the text of the standards. That change was made in these final-form regulations to Section VII Table of Contents and Section X Table of Contents. IRRC recommended that the Section 3.2 Inquiry and Design, be changed to “Inquiry and Experimental Design” to accurately reflect its attention to experimental design. After considering the comment, the Board elected to retain the title as “Inquiry and Design” because the section relates not solely to experimental design, but also to technological processes, applications and design.

#### *Misspellings, Punctuation Errors and Typographical Errors*

The following corrections to the final-form as recommended by IRRC are made in these final-form regulations. “Ecology” was misspelled in the title of Section X Table of Contents in the *Pennsylvania Bulletin* version of the proposed rulemaking and is corrected in these final-form regulations. A typographical error occurred in the second sentence of the descriptor for Section 3.2 Inquiry and Design as published in the *Pennsylvania Bulletin*. These final-form regulations change the period to a comma after the word “estimating.” An additional typographical error is corrected in the first sentence of Standard 3.2.10.C where “to” is changed to “of.”

#### *Additional Definitions*

Commentators and the IRRC suggested that additional terms used in the text of the standards be defined in the glossaries of the standards found in Sections IX and XII. Terms used in the science and technology standards that are now defined in these final-form regulations are “evolution,” “fact,” “hypothesis,” “law,” “theory” and “theory of evolution.” Terms used in the environment and ecology standards that are now defined in these final-form regulations are “commodities,” “consumer,” “decomposer,” “endangered species,” “environment,” “extinction,” “hazardous waste,” “regulation” and “shredder.” In addition, a more detailed definition of “risk management” has been added.

#### *Affected Parties*

These final-form regulations 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 these final-form regulations 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. The majority of the cost to develop implementation kits was incurred in the previous fiscal year. Current year funds available to the Department to support curriculum alignment is \$225,000.

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, Technology, Physical Sciences and Environment and Ecology). 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. Online professional development courses are being developed for use in the current year for science and technology and environment and ecology. Current year funds available to the Department to support professional development is \$730,000.

*Effective Date*

These final-form regulations 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 (71 P. S. § 745.5(a)), on April 11, 2001, the Board submitted a copy of the proposed rulemaking published at 31 Pa.B. 2136 to IRRC and to the Chairpersons of the House and Senate Committees on Education for review and comment.

In compliance with section 5(c) of the Regulatory Review Act, the Board also provided IRRC and the Committees with copies of the comments received as well as other documentation. In preparing the final-form regulations, the Board considered the 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)), the final-form regulations were approved by the Senate Education Committee on October 16, 2001, and approved by the House Education Committee on October 17, 2001. IRRC met on November 15, 2001, and approved the final-form regulations in accordance with section 5.1(e) of the Regulatory Review Act.

*Contact Person*

The official responsible for information on these final-form regulations is Peter H. Garland, Executive Director of the State Board of Education, 333 Market Street, Harrisburg, PA 17126-0333, (717) 787-3787 or TDD (717) 787-7367.

*Findings*

The Department finds that:

(1) Public notice of the intention to adopt these final-form regulations was 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 in 1 Pa. Code §§ 7.1 and 7.2.

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

(3) The final-form regulations are necessary and appropriate for the administration of the act.

*Order*

The Board, acting under the authorizing statute, orders that:

(a) The regulations of the Board, 22 Pa. Code Chapter 4, are amended by adding Appendix B to read as set forth at Annex A.

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

(c) The Executive Director of the Board shall certify this order and Annex A and deposit them with the Legislative Reference Bureau as required by law.

(d) This order is effective upon final publication in the *Pennsylvania Bulletin*.

PETER H. GARLAND,  
*Executive Director*

*(Editor's Note:* For the text of the order of the Independent Regulatory Review Commission relating to this document, see 31 Pa.B. 6587 (December 1, 2001).)

**Fiscal Note:** Fiscal Note 6-273 remains valid for the final adoption of the subject regulations.

**Annex A**

**TITLE 22. EDUCATION**

**PART I. STATE BOARD OF EDUCATION**

**CHAPTER 4. ACADEMIC STANDARDS AND ASSESSEMENT**

**APPENDIX B**

**ACADEMIC STANDARDS FOR SCIENCE AND TECHNOLOGY AND ENVIRONMENT AND ECOLOGY**

**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 involve the study of objects and their properties. 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 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

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- **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 prin-

ciples 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:

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### ***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., map scales).</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, theory of evolution, atomic theory, theory of relativity, Pasteur's germ theory, relativity, heliocentric theory, 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, theory of evolution, 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, and 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 uses both direct and indirect observation means to study 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 (e.g., germ theory of disease, wave theory of light, classification of subatomic particles, theory of evolution, epidemiology of AIDS).</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 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 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 habitat.</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>• Identify physical characteristics that appear in both parents and offspring and differ between families, strains or species.</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>• Recognize that mutations can alter a gene.</li> <li>• Describe how selective breeding, natural selection 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 the function of mitosis and meiosis.</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> </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> </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>• Know that differences in individuals of the same species may give some advantage in surviving and reproducing.</li> <li>• Recognize that populations of organisms can increase rapidly.</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 mechanisms of the theory of evolution.</p> <ul style="list-style-type: none"> <li>• Analyze data from fossil records, similarities in anatomy and physiology, embryological studies and DNA studies that are relevant to 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 descendants of extinct species and propose possible scientific accounts for their present appearance.</li> <li>• Describe the factors (e.g., isolation, differential reproduction) 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> <li>• Describe changes that illustrate major events in the earth's development based on a time line.</li> <li>• Explain why natural selection can act only on inherited traits.</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>• Examine human history by describing the progression from early hominids to modern humans.</li> <li>• Apply the concept of natural selection as a central concept 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>



3.4. Physical Science, Chemistry and Physics			
3.4.4. GRADE 4	3.4.7. GRADE 7	3.4.10. GRADE 10	3.4.12. 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. 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 reaction 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 cloud types.</li> <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 affect 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>• Identify and describe types of fresh and saltwater bodies.</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> <li>• Explain the impact that agricultural science has had on biotechnology.</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> <li>• Describe specific examples that reflect the impact that agricultural science has had on biotechnology.</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> <li>• Apply knowledge of agricultural science to solve or improve a biochemical related problem.</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 of encoding, transmitting, receiving, storing, retrieving and decoding.</p> <ul style="list-style-type: none"> <li>• Demonstrate the effectiveness of image generating technique 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>



<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>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>
<b>Computer literacy, including the use of hardware and software in standard statements C, D, and E, should be integrated across all content areas.</b>			

<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 that they are 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> <li>• Identify and explain specific examples of how agricultural science has met human needs and has improved 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> <li>• Assess the impacts that agricultural science has had on meeting human needs and improving the quality of life.</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> <li>• Apply knowledge of agricultural science to develop a solution that will improve on a human need or want.</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>Evolution:</b>	A process of change that explains why what we see today is different from what existed in the past; it includes changes in the galaxies, stars, solar system, earth and life on earth. Biological evolution is a change in hereditary characteristics of groups of organisms over the course of generations.
<b>Fact:</b>	Information that has been objectively verified.
<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>Hypothesis:</b>	An assertion subject to verification or proof as a premise from which a conclusion is drawn.
<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>Law:</b>	Summarizing statement of observed experimental facts that has been tested many times and is generally accepted as true.
<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>Theory:</b>	Systematically organized knowledge applicable in a relatively wide variety of circumstances; especially, a system of assumptions, accepted principles and rules of procedure devised to analyze, predict or otherwise explain the nature or behavior of a specified set of phenomena.
<b>Theory of evolution:</b>	A theory that the various types of animals and plants have their origin in other preexisting types and that the distinguishable differences are due to modification in successive generations.

- Topographic map:** 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.
- Transportation systems:** A group of related parts that function together to perform a major task in any form of transportation.
- Transportation technology:** The physical ways humans move materials, goods and people.
- Tool:** Any device used to extend human capability including computer-based tools.

**Academic Standards for Environment and Ecology**

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**XI. INTRODUCTION**

This document includes Environment and Ecology stan-

dards 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.</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>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>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>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>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>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>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>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>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>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. 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. 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 waste 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>

4.2. Renewable and Nonrenewable Resources			
4.2.4. GRADE 4	4.2.7. GRADE 7	4.2.10. GRADE 10	4.2.12. 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 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. Identify the role of the sciences in Pennsylvania agriculture.</p> <ul style="list-style-type: none"> <li>• Identify common animals found on Pennsylvania farms.</li> <li>• Identify common plants found on Pennsylvania farms.</li> <li>• Identify the parts of important agricultural related plants (i.e., corn, soybeans, barley).</li> <li>• Identify a fiber product from Pennsylvania farms.</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. Investigate how agricultural science has recognized the various soil types found in Pennsylvania.</p> <ul style="list-style-type: none"> <li>• Explain the importance of particle sizes in different soil types.</li> <li>• Determine how water has influenced the development of Pennsylvania soil types.</li> <li>• Investigate how soil types have influenced the plant types used on Pennsylvania farms</li> <li>• Analyze how soil types and geographic regions have impacted the profitability of Pennsylvania farms.</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. Assess the influence of agricultural science on farming practices.</p> <ul style="list-style-type: none"> <li>• Compare the practices of no-till farming to traditional soil preparation (e.g., plow, disc).</li> <li>• Analyze and explain the various practices of nutrient management on the farm.</li> <li>• Analyze and explain how farm efficiencies have changed human nutrition.</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. Describe how agricultural science has influenced biotechnology.</p> <ul style="list-style-type: none"> <li>• Investigate how bioengineered crops may influence the food supply.</li> <li>• Analyze the use of specific bacteria for the control of agricultural pests.</li> <li>• Evaluate the use of feed additives in shifting metabolism to increase muscle mass and reduce fat in farm animals.</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. 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>D. 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 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>D. 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. Explain the functions of the components of the food and fiber system.</p> <ul style="list-style-type: none"> <li>• Compare and analyze growing conditions in the United States to determine which plants and animals are most suitable to each region.</li> <li>• Compare the management practices needed for a commodity (i.e., 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>D. 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 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> <p>D. 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>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>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>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>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>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>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> <p>B. Research and analyze integrated pest management practices globally.</p> <ul style="list-style-type: none"> <li>Research worldwide integrated pest management systems and evaluate the level of impact.</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>



<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>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>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>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>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 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>

## 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 and complexity of species present and interacting in an ecosystem and the relative abundance of each.
<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>Commodities:</b>	Economic goods or products before they are processed and/or given a brand name, such as a product of agriculture.
<b>Composting:</b>	The process of mixing decaying leaves, manure and other nutritive matter to improve and fertilize soil.
<b>Consumer:</b>	1) Those organisms that obtain energy by feeding on other organisms and their remains. 2) A person buying goods or services for personal needs or to use in the production of other goods for resale.
<b>Decomposer:</b>	An organism, often microscopic in size, that obtains nutrients by consuming dead organic matter, thereby making nutrients accessible to other organisms; examples of decomposers include fungi, scavengers, rodents and other animals.
<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>Endangered Species:</b>	A species that is in danger of extinction throughout all or a significant portion of its range.
<b>Environment:</b>	The total of the surroundings (air, water, soil, vegetation, people, wildlife) influencing each living being's existence, including physical, biological and all other factors; the surroundings of a plant or animal, including other plants or animals, climate and location.
<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>Extinction:</b>	The complete elimination of a species from the earth.
<b>Groundwater:</b>	Water that infiltrates the soil and is located in underground reservoirs called aquifers.
<b>Hazardous waste:</b>	A solid that, because of its quantity or concentration or its physical, chemical or infectious characteristics, may cause or pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported or disposed of, or otherwise managed.
<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>Regulation:</b>	A rule or order issued by an executive authority or regulatory agency of a government and having the force of law.



- Renewable:** 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).
- Risk management:** A strategy developed to reduce or control the chance of harm or loss to one's health or life; the process of identifying, evaluating, selecting and implementing actions to reduce risk to human health and to ecosystems.
- Shredder:** Through chewing and/or grinding, microorganisms feed on non-woody coarse particulate matter, primarily leaves.
- Stream order:** 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).
- Succession:** The series of changes that occur in an ecosystem with the passing of time.
- Sustainability:** The ability to keep in existence or maintain. A sustainable ecosystem is one that can be maintained.
- Trophic levels:** The role of an organism in nutrient and energy flow within an ecosystem (e.g., herbivore, carnivore, decomposer).
- Waste stream:** The flow of (waste) materials from generation, collection and separation to disposal.
- Watershed:** The land area from which surface runoff drains into a stream, channel, lake, reservoir or other body of water; also called a drainage basin.
- Wetlands:** 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. 02-9. Filed for public inspection January 4, 2002, 9:00 a.m.]

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# PROPOSED RULEMAKING

## DEPARTMENT OF AGRICULTURE

[7 PA. CODE CH. 21]

### Dog Licensure

The Department of Agriculture (Department), under the specific authority conferred by sections 201 and 903 of the Dog Law (act) (3 P. S. §§ 459-201 and 459-903), hereby proposes to amend §§ 21.1, 21.4, 21.51–21.53, 21.55 and 21.57. Section 101 of the act (3 P. S. § 459-101) states this is an act "... relating to dogs, regulating the keeping of dogs; providing for the licensing of dogs ...; providing for the abandonment of animals" and "providing for ... liability of the owner or keeper of dogs for such damages." The Department has a duty to assure the proper and humane licensure of dogs and a means by which a person may obtain reimbursement for certain dog-caused damages. Section 201 of the act confers upon the Department the power to promulgate regulations regarding the lifetime licensure of dogs. Section 903 of the act provides for penalties when the act has not set forth a specific penalty for a violation of that section of the act.

#### *Background*

The lifetime licensure provisions of the current regulations require that a dog be tattooed with a number assigned by the county treasurer. While these regulations were consistent with the requirements set forth by the General Assembly, those requirements have been changed to ensure more humane treatment of dogs by allowing lifetime licensure of dogs through the implantation of a microchip. The proposed amendments to the lifetime licensure regulations will allow the use of a microchip as an alternative to the tattoo identification. This alternative provides a more humane method of identification.

In the interest of continuing to carry out the policy of the act, which is to assure the health, safety and humane treatment of dogs, and to assure the regulations are consistent with the act, the Department proposes to amend these regulations to effectuate the changes.

The major features of the proposed amendments are summarized as follows:

#### *Summary*

##### *General Provisions*

Section 21.1 (relating to definitions) will add the definitions of "microchip" and "releasing agency" and amend the definition of "Secretary" to provide clarity to the regulations.

Section 21.4 (relating to penalties) will be reserved. The act sets forth the penalties to be imposed for violations of specific sections of the act. There is no need to repeat the penalties in the regulation.

##### *Licensure*

Section 21.51 (relating to lifetime dog license issuance) has been deleted and new language has been added to allow the use of either tattooing or microchipping. The microchip and tattoo numbers are obtained from the county treasurer or agent, who will issue the lifetime license and tag.

Section 21.52 (relating to recordkeeping for lifetime dog licenses) sets forth the requirement that the county treasurer or agent shall maintain a databank of all lifetime licenses. The county treasurer or agent shall maintain a record of lifetime licenses for 20 years.

Section 21.53 (relating to transfer of lifetime dog licenses) requires the county treasurer to transmit any changes in residence to the Department so that the Department's databank remains current.

Section 21.55 (relating to breeding kennel license) will be reserved because, under the act, there is no longer a distinction between a kennel license and a breeding kennel license.

Section 21.57 (relating to kennel tags) will be amended to provide that the Department, rather than the county treasurer, shall issue a maximum of ten kennel tags. The State warden may recommend that more tags are needed.

#### *Fiscal Impact*

##### *Commonwealth*

The proposed amendments will impose minimal costs and have minimal fiscal impact upon the Commonwealth. The proposed amendments will not increase or decrease the regulatory workload. The Department will have to organize a databank to maintain a record of lifetime license holders.

##### *Political Subdivisions*

The proposed amendments will impose minimal costs and have a minimal fiscal impact upon political subdivisions. The county treasurer shall transmit a record of lifetime licenses monthly. The county treasurer currently transmits a monthly record of all dog licenses sold, therefore the requirement to transmit a record of lifetime licenses sold will not impose an additional burden on the county treasurer. The county treasurer already keeps a record of lifetime licenses for 15 years; the proposed amendments extend this requirement to 20 years.

##### *Private Sector*

The proposed amendments will impose no additional costs on private sector organizations or individuals.

##### *General Public*

The proposed amendments will impose no additional costs and have no fiscal impact on the general public. Dog owners that wish to have a lifetime license are already required to have the dog tattooed. The proposed amendments allow the use of a microchip as an alternative form of identification.

##### *Paperwork Requirements*

The proposed amendments will not result in an appreciable increase in paperwork. The Department will be required to maintain a databank of lifetime license holders.

##### *Regulatory Review*

Under section 5(a) of the Regulatory Review Act (71 P. S. § 745.5(a)), on December 21, 2001, the Department submitted a copy of this proposed rulemaking to the Independent Regulatory Review Commission (IRRC) and the Chairpersons of the House Agricultural and Rural Affairs Committee and the Senate Agriculture and Rural Affairs Committee. 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 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 that have not been met by the portion of the proposed rulemaking to which an objection is made. The Regulatory Review Act specifies detailed procedures for review, prior to final publication of the rulemaking, by the Department, the General Assembly and the Governor of objections raised.

*Comment Period*

The public comment period for the proposed amendments is 30 days from the date of publication in the *Pennsylvania Bulletin*.

*Contact Person*

Further information is available by contacting the Department of Agriculture, Bureau of Dog Law Enforcement, 2301 North Cameron Street, Harrisburg, PA 17110-9408; Attn: Richard Burd (717) 787-4833.

*Effective Date*

These proposed amendments will become effective upon final-form publication in the *Pennsylvania Bulletin*.

SAMUEL E. HAYES, JR.,  
*Secretary*

**Fiscal Note:** 2-135. (1) General Fund; (2) Implementing Year 2001-02 is \$0; (3) 1st Succeeding Year 2002-03 is \$0; 2nd Succeeding Year 2003-04 is \$30,000; 3rd Succeeding Year 2004-05 is \$30,000; 4th Succeeding Year 2005-06 is \$30,000; 5th Succeeding Year 2006-07 is \$30,000; (4) Fiscal Year 2000-01—n/a; Fiscal Year 1999-00—n/a; Fiscal Year 1998-99—n/a; (7) General Government Operations; (8) recommends adoption.

**Annex A**

**TITLE 7. AGRICULTURE**

**PART II. DOG LAW ENFORCEMENT BUREAU**

**CHAPTER 21. GENERAL PROVISIONS; KENNELS; LICENSURE; DOG-CAUSED DAMAGES**

**GENERAL PROVISIONS**

**§ 21.1. Definitions.**

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

\* \* \* \* \*

**Microchip**—A passive transducer encapsulated in a biocompatible material activated by a 125 kilohertz scanner, or any similar device approved by the Department.

\* \* \* \* \*

**Releasing agency**—A public or private pound, animal shelter, humane society, society for prevention of cruelty to animals or other similar entity that releases a dog or cat for adoption.

\* \* \* \* \*

**Secretary**—The Secretary of the Department or a person to whom authority has been delegated by the Secretary.

**§ 21.4. [ Penalties ] (Reserved).**

[ A person found in violation of any provision of this chapter shall be guilty of one of the following:

(1) A summary offense for the first and second convictions under this chapter or the act within a 1-year period.

(2) A misdemeanor of the third degree for a third or subsequent violation under this chapter or the act within 1 year of conviction for the first and second violations. ]

**LICENSURE**

**§ 21.51. Lifetime dog license issuance.**

(a) [ The applicant shall complete a lifetime dog license application and present it and the appropriate fee to the County Treasurer or his agent in the applicant's county of residence, either in person or by mailing an application and including a self-addressed, stamped envelope. ] **Application.** The applicant shall complete a lifetime dog license application and present it and the appropriate fee to the county treasurer or an agent in the applicant's county of residence, either in person or by mailing an application.

(b) [ The County Treasurer or his agent shall assign a tattoo-license number and place the number on a tattoo certificate. The number shall be at least six digits, the first two digits designating the county. For example, Adams County numbers shall begin with 01; York County, with 67. The county number shall be followed by at least four digits assigned by the County Treasurer or his agent. For example, the first tattoo number assigned by Lehigh County will be 390001; the tenth number will be 390010; the one hundredth number will be 390100. The dog owner may have the letters "PA" tattooed on the dog immediately preceding the assigned number issued by the County Treasurer or his agent. ] **County treasurer:**

(1) Upon receipt of a lifetime dog license application, the county treasurer shall complete the lifetime license from information on the lifetime dog license application.

(2) The county treasurer or an agent shall assign a tattoo-license number or a microchip-license number and place the number on a tattoo/microchip license certificate.

(3) The tattoo/microchip license certificate shall identify the dog by breed, date of birth, sex, color and markings, shall contain the name, address and phone number of the dog's owner and the year of licensure and shall set forth the tattoo-license or microchip-license number that was issued.

(4) The tattoo-license number or the microchip-license number and all other information except the part to be filled in by the tattooist or the person implanting the microchip shall be completed by the county treasurer or an agent on the tattoo/microchip certificate before the certificate is given to the applicant.

(5) The county treasurer or his agent shall collect the applicable fee for the lifetime license before issuing the tattoo/microchip certificate to the applicant.

(6) The county treasurer or an agent shall hold the lifetime license and the accompanying tag until the applicant returns the completed tattoo/microchip certificate.

(7) The tattoo-license number or microchip-license number issued by the county treasurer shall be at least six digits, the first two digits designating the county. For example, Adams County numbers shall begin with 01; York County, with 67.

(8) The county number shall be followed by at least four digits assigned by the county treasurer or his agent. For example, the first tattoo number or microchip number assigned by Lehigh County will be 390001.

(c) [The tattoo-license number and all other information except the part to be filled in by the tattooist shall be completed by the County Treasurer or his agent on the tattooing certificate before the certificate is given to the applicant. The lifetime license shall also be completed by the County Treasurer or his agent from information on the lifetime application at that time. The County Treasurer or his agent shall collect the applicable fee for the lifetime license before issuing the tattoo certificate to the applicant.] *Owner:*

(1) The owner shall arrange to have the dog tattooed or a microchip implanted at the owner's expense with the number assigned by the county treasurer in the manner prescribed in subsection (b). The tattooist or the person implanting the microchip shall complete the tattoo/microchip certificate. The number tattooed on the dog shall be the same number as the assigned tattoo-license number set forth on the tattoo/microchip license certificate.

(2) When the dog owner is seeking a tattoo-license, the dog owner may have the letters "PA" tattooed on the dog immediately preceding the assigned number issued by the county treasurer or his agent. The tattoo shall be on the right hind leg on the inner part of the upper thigh.

(3) When a microchip-license number is issued, the person implanting the microchip shall record the identifying number on the microchip on the tattoo/microchip license certificate.

(4) The microchip implanted shall be of a type consistent with § 21.1 (relating to the definitions) and shall be implanted in accordance with the manufacturer's specifications.

(d) [The owner shall arrange to have the dog tattooed at the owner's expense with the number assigned by the County Treasurer in the manner prescribed by subsection (b). The dog shall be tattooed on the right hind leg on the inner part of the upper thigh. The tattooist shall complete the tattooing certificate.] *Issuance of lifetime license.*

(1) Upon receipt of the properly completed tattoo/microchip certificate, the county treasurer shall issue the lifetime license and tag to the dog owner. The number on the tag that is issued shall be the same number as the assigned tattoo-license number

or microchip license number set forth on the tattoo/microchip license certificate.

(2) Upon issuing the lifetime license to the applicant, the county treasurer shall record the microchip-license number and the corresponding microchip identification number.

(3) If the applicant has not returned the completed tattoo/microchip certificate to the county treasurer or an agent within 60 days, the license fee shall be refunded to the applicant by the county treasurer or his agent. The 50¢ issuance fee shall be retained by the county treasurer for his service in forwarding the refund to the applicant. The tattoo-license number or microchip-license number may not be reissued to future applicants other than the original applicant. If the applicant has not reapplied for a lifetime license within 30 days of the date of the refund, the lifetime license shall be voided.

(e) [The County Treasurer or his agent shall hold the lifetime license and the accompanying tag until the applicant returns the completed tattooing certificate. The County Treasurer then shall issue the license and tag. If the applicant has not returned the completed tattooing certificate to the County Treasurer or his agent within 60 days, the license fee shall be refunded to the applicant by the County Treasurer or his agent. The 50¢ issuance fee shall be retained by the County Treasurer for his service in forwarding the refund to the applicant. The tattoo-license number shall not be reissued to future applicants other than the original applicant. If the applicant has not reapplied for a lifetime license within 30 days of the date of the refund, the lifetime license shall be voided.] *Record retention.* Copies of the lifetime application shall be distributed as indicated on the application, with the county treasurer's copy behind filed in sequence. A monthly record of lifetime license information shall be mailed or electronically transmitted to the Department.

[ (f) Copies of the lifetime license form and tattooing certificate shall be distributed as indicated on the copies with the County Treasurer's copy being filed in sequence. ]

#### § 21.52. Recordkeeping for lifetime dog licenses.

The county treasurer or an agent shall mail or electronically transmit a monthly record of lifetime licenses information to the Department. The [County Treasurer] county treasurer or an agent shall keep a record of all lifetime dog licenses issued for [15] 20 years.

#### § 21.53. Transfer of lifetime dog licenses.

The issuance of a new license and tag is not required when transferring a lifetime dog license to a new owner or when the owner changes his residence to another county. However, the transfer or change in residence shall be recorded by the issuing [County Treasurer] county treasurer and, when applicable, by the [County Treasurer] county treasurer in the county to which the dog has been moved. The county treasurer shall mail or electronically transmit a record of the transfer or change in residence to the Department.

§ 21.55. [ Breeding kennel license ] (Reserved).

[ For the purposes of enforcing the act, when it is not apparent whether a kennel should be licensed as a private kennel or breeding kennel, the kennel shall be licensed as a breeding kennel if the owner or operator keeps, harbors, shelters, sells, gives away or transfers a cumulative total of 101 or more dogs in the preceding calendar year. ]

§ 21.57. Kennel tags.

The [ County Treasurer shall ] Department will issue a maximum of ten kennel tags to [ the ] a kennel owner or operator unless [ authorization is provided by ] the State Dog Warden for the county recommends that a higher quantity is required.

[Pa.B. Doc. No. 02-10. Filed for public inspection January 4, 2002, 9:00 a.m.]

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# NOTICES

## DEPARTMENT OF EDUCATION

### Education Empowerment List

The Department of Education, under Act 16 of 2000, the Education Empowerment Act, as amended by Act 91 of 2000, places the following school districts on the Education Empowerment List for the 2001-2002 school year:

<i>County</i>	<i>School District</i>	<i>PSSA Math &amp; Reading 2000 and 2001 Below Basic/Bottom Percentage*</i>
Allegheny County	Clairton City	44.2**
	Duquesne City	71.3
	Sto-Rox	38.9**
	Wilkinsburg Borough	55.0
Beaver County	Aliquippa	50.7
Dauphin County	Steelton-Highspire	40.7**
Lancaster County	Lancaster	42.5**
Lehigh County	Allentown	47.8**
Philadelphia County	Philadelphia City	56.9
York County	York City	51.2

### Education Empowerment Districts

The Department of Education, under Act 16 of 2000, the Education Empowerment Act, as amended by Act 91 of 2000, names the following school districts as Education Empowerment Districts for the 2001-2002 school year:

<i>County</i>	<i>School District</i>	<i>PSSA Math &amp; Reading 2000 and 2001 Below Basic/Bottom Percentage *</i>
Dauphin County	Harrisburg City	63.4
Delaware County	Chester-Upland	67.8

\* Bottom group percentages were used in 2000 and performance level percentages in 2001.

\*\* For the 2000 and 2001 2-year average, the Allentown, Clairton, Lancaster, Steelton-Highspire and Sto-Rox School Districts have less than 50% of students in the below basic/bottom group, but will remain on the list until the goals in the district's Improvement Plan are completed.

The following tables identify the performance of each school by grade level in those school districts on the Empowerment List or certified as Empowerment Districts.

<i>County</i>	<i>School District</i>	<i>School</i>	<i>Grade</i>	<i>Math and Reading Below Basic/ Bottom*</i>
ALLEGHENY	CLAIRTON CITY SD	CLAIRTON MS	5	47.2
ALLEGHENY	CLAIRTON CITY SD	CLAIRTON MS	8	41.4
ALLEGHENY	CLAIRTON CITY SD	CLAIRTON HS	11	44.0
ALLEGHENY	DUQUESNE CITY SD	DUQUESNE EL SCH	5	77.4
ALLEGHENY	DUQUESNE CITY SD	DUQUESNE MS	8	67.2
ALLEGHENY	DUQUESNE CITY SD	DUQUESNE MS/HS	11	69.2
ALLEGHENY	STO-ROX SD	STO-ROX EL SCH	5	43.9
ALLEGHENY	STO-ROX SD	STO-ROX HS	8	38.5
ALLEGHENY	STO-ROX SD	STO-ROX HS	11	34.4
ALLEGHENY	WILKINSBURG BOROUGH SD	JOHNSTON EL SCH	5	27.8
ALLEGHENY	WILKINSBURG BOROUGH SD	KELLY EL SCH	5	32.6
ALLEGHENY	WILKINSBURG BOROUGH SD	WILKINSBURG MS	8	64.8
ALLEGHENY	WILKINSBURG BOROUGH SD	WILKINSBURG SHS	11	66.0
BEAVER	ALIQUIPPA SD	ALIQUIPPA MS	5	49.3
BEAVER	ALIQUIPPA SD	ALIQUIPPA MS	8	51.4
BEAVER	ALIQUIPPA SD	ALIQUIPPA SHS	11	51.2
DAUPHIN	HARRISBURG CITY SD	CAMP CURTIN SCH	5	68.4
DAUPHIN	HARRISBURG CITY SD	DOWNEY SCH	5	48.6
DAUPHIN	HARRISBURG CITY SD	HAMILTON SCH	5	52.3
DAUPHIN	HARRISBURG CITY SD	LINCOLN SCH	5	67.5
DAUPHIN	HARRISBURG CITY SD	MARSHALL SCH	5	58.8
DAUPHIN	HARRISBURG CITY SD	MELROSE SCH	5	45.7
DAUPHIN	HARRISBURG CITY SD	SHIMMELL SCH	5	66.2
DAUPHIN	HARRISBURG CITY SD	STEELE SCH	5	65.4
DAUPHIN	HARRISBURG CITY SD	WOODWARD SCH	5	36.4
DAUPHIN	HARRISBURG CITY SD	ROWLAND SCH	8	61.7
DAUPHIN	HARRISBURG CITY SD	HARRISBURG HS	11	68.9

*Math and Reading  
Below Basic/  
Bottom\**

<i>County</i>	<i>School District</i>	<i>School</i>	<i>Grade</i>	<i>Math and Reading Below Basic/ Bottom*</i>
DAUPHIN	STEELTON-HIGHSPIRE SD	STEELTON-HIGHSPIRE EL SCH	5	36.1
DAUPHIN	STEELTON-HIGHSPIRE SD	STEELTON-HIGHSPIRE HS	8	43.8
DAUPHIN	STEELTON-HIGHSPIRE SD	STEELTON-HIGHSPIRE HS	11	42.2
DELAWARE	CHESTER-UPLAND SD	COLUMBUS EL SCH	5	75.1
DELAWARE	CHESTER-UPLAND SD	MAIN STREET SCH	5	49.5
DELAWARE	CHESTER-UPLAND SD	PULASKI MS	5	84.4
DELAWARE	CHESTER-UPLAND SD	SHOWALTER MS	5	68.1
DELAWARE	CHESTER-UPLAND SD	TOBY FARMS SCH	5	57.2
DELAWARE	CHESTER-UPLAND SD	MAIN STREET SCH	8	51.7
DELAWARE	CHESTER-UPLAND SD	PULASKI MS	8	72.5
DELAWARE	CHESTER-UPLAND SD	SHOWALTER MS	8	52.0
DELAWARE	CHESTER-UPLAND SD	SMEDLEY MS	8	73.9
DELAWARE	CHESTER-UPLAND SD	CHESTER HS	11	68.7
LANCASTER	LANCASTER SD	BURROWES SCH	5	47.7
LANCASTER	LANCASTER SD	CARTER MACRAE EL SCH	5	59.7
LANCASTER	LANCASTER SD	ELIZABETH R MARTIN EL SCH	5	10.9
LANCASTER	LANCASTER SD	FULTON EL SCH	5	33.3
LANCASTER	LANCASTER SD	GEORGE WASHINGTON EL SCH	5	55.4
LANCASTER	LANCASTER SD	HAMILTON EL SCH	5	29.5
LANCASTER	LANCASTER SD	JAMES BUCHANAN EL SCH	5	7.0
LANCASTER	LANCASTER SD	KING EL SCH	5	30.2
LANCASTER	LANCASTER SD	LAFAYETTE EL SCH	5	36.2
LANCASTER	LANCASTER SD	PRICE EL SCH	5	28.9
LANCASTER	LANCASTER SD	ROSS EL SCH	5	48.8
LANCASTER	LANCASTER SD	THOMAS WHARTON EL SCH	5	22.7
LANCASTER	LANCASTER SD	WICKERSHAM EL SCH	5	34.6
LANCASTER	LANCASTER SD	BUEHRLE ALTERNATIVE ED SCH	8	75.2
LANCASTER	LANCASTER SD	HAND MS	8	47.8
LANCASTER	LANCASTER SD	LINCOLN MS	8	42.3
LANCASTER	LANCASTER SD	REYNOLDS MS	8	53.1
LANCASTER	LANCASTER SD	WHEATLAND MS	8	29.9
LANCASTER	LANCASTER SD	BUEHRLE ALTERNATIVE ED SCH	11	82.9
LANCASTER	LANCASTER SD	MCCASKEY HS-LEV II	11	47.0
LEHIGH	ALLENTOWN CITY SD	CENTRAL EL SCH	5	78.1
LEHIGH	ALLENTOWN CITY SD	CLEVELAND EL SCH	5	63.3
LEHIGH	ALLENTOWN CITY SD	HIRAM W DODD EL SCH	5	34.4
LEHIGH	ALLENTOWN CITY SD	JACKSON EL SCH	5	40.8
LEHIGH	ALLENTOWN CITY SD	JEFFERSON EL SCH	5	50.4
LEHIGH	ALLENTOWN CITY SD	LEHIGH PARK EL SCH	5	34.4
LEHIGH	ALLENTOWN CITY SD	MCKINLEY EL SCH	5	57.2
LEHIGH	ALLENTOWN CITY SD	MOSSER EL SCH	5	63.4
LEHIGH	ALLENTOWN CITY SD	MUHLENBERG EL SCH	5	22.3
LEHIGH	ALLENTOWN CITY SD	RITTER EL SCH	5	33.7
LEHIGH	ALLENTOWN CITY SD	ROOSEVELT EL SCH	5	54.6
LEHIGH	ALLENTOWN CITY SD	SHERIDAN EL SCH	5	44.7
LEHIGH	ALLENTOWN CITY SD	UNION TERRACE EL SCH	5	35.9
LEHIGH	ALLENTOWN CITY SD	WASHINGTON EL SCH	5	58.3
LEHIGH	ALLENTOWN CITY SD	FRANCIS D RAUB MS	8	52.0
LEHIGH	ALLENTOWN CITY SD	HARRISON-MORTON MS	8	44.8
LEHIGH	ALLENTOWN CITY SD	SOUTH MOUNTAIN MS	8	45.0
LEHIGH	ALLENTOWN CITY SD	TREXLER MS	8	50.1
LEHIGH	ALLENTOWN CITY SD	LOUIS E DIERUFF HS	11	45.4
LEHIGH	ALLENTOWN CITY SD	WILLIAM ALLEN SHS	11	47.5
PHILADELPHIA	PHILADELPHIA CITY SD	ADAIRE ALEXANDER SCH	5	56.8
PHILADELPHIA	PHILADELPHIA CITY SD	ALCORN JAMES SCH	5	80.2
PHILADELPHIA	PHILADELPHIA CITY SD	ALLEN ETHAN SCH	5	51.9
PHILADELPHIA	PHILADELPHIA CITY SD	ANDERSON ADD B SCH	5	64.0
PHILADELPHIA	PHILADELPHIA CITY SD	BACHE-MARTIN SCH	5	62.9
PHILADELPHIA	PHILADELPHIA CITY SD	BARRATT NORRIS S MS	5	82.1
PHILADELPHIA	PHILADELPHIA CITY SD	BARRY COMM JOHN SCH	5	63.0
PHILADELPHIA	PHILADELPHIA CITY SD	BELMONT SCH	5	87.8
PHILADELPHIA	PHILADELPHIA CITY SD	BETHUNE MARY MCLEOD SCH	5	73.5
PHILADELPHIA	PHILADELPHIA CITY SD	BLAINE JAMES G SCH	5	82.5
PHILADELPHIA	PHILADELPHIA CITY SD	BLANKENBURG RUDOLPH SCH	5	72.0
PHILADELPHIA	PHILADELPHIA CITY SD	BLUFORD GUION EL SCH	5	71.8
PHILADELPHIA	PHILADELPHIA CITY SD	BRIDESBURG SCH	5	17.0

*Math and Reading  
Below Basic/  
Bottom\**

<i>County</i>	<i>School District</i>	<i>School</i>	<i>Grade</i>	<i>Math and Reading Below Basic/ Bottom*</i>
PHILADELPHIA	PHILADELPHIA CITY SD	BROWN JOSEPH H SCH	5	34.2
PHILADELPHIA	PHILADELPHIA CITY SD	BRYANT WILLIAM C SCH	5	66.3
PHILADELPHIA	PHILADELPHIA CITY SD	CARNELL LAURA H SCH	5	51.7
PHILADELPHIA	PHILADELPHIA CITY SD	CASSIDY LEWIS C SCH	5	62.7
PHILADELPHIA	PHILADELPHIA CITY SD	CENTRAL EAST MS	5	69.6
PHILADELPHIA	PHILADELPHIA CITY SD	CLEMENTE ROBERTO MS	5	85.0
PHILADELPHIA	PHILADELPHIA CITY SD	CLEVELAND GROVER SCH	5	68.3
PHILADELPHIA	PHILADELPHIA CITY SD	CLYMER GEORGE SCH	5	75.3
PHILADELPHIA	PHILADELPHIA CITY SD	COMEGYS BENJAMIN B SCH	5	76.4
PHILADELPHIA	PHILADELPHIA CITY SD	COMLY WATSON SCH	5	16.7
PHILADELPHIA	PHILADELPHIA CITY SD	CONWELL RUSSELL MS	5	21.9
PHILADELPHIA	PHILADELPHIA CITY SD	COOKE JAY MS	5	76.1
PHILADELPHIA	PHILADELPHIA CITY SD	COOK-WISSAHICKON SCH	5	32.3
PHILADELPHIA	PHILADELPHIA CITY SD	CRAMP WILLIAM SCH	5	67.7
PHILADELPHIA	PHILADELPHIA CITY SD	CREIGHTON THOMAS SCH	5	62.9
PHILADELPHIA	PHILADELPHIA CITY SD	CROSSAN KENNEDY C SCH	5	15.9
PHILADELPHIA	PHILADELPHIA CITY SD	DAROFF SAMUEL SCH	5	72.8
PHILADELPHIA	PHILADELPHIA CITY SD	DAY ANNA B SCH	5	51.6
PHILADELPHIA	PHILADELPHIA CITY SD	DECATUR STEPHEN SCH	5	48.0
PHILADELPHIA	PHILADELPHIA CITY SD	DICK WILLIAM SCH	5	64.6
PHILADELPHIA	PHILADELPHIA CITY SD	DISSTON HAMILTON SCH	5	60.6
PHILADELPHIA	PHILADELPHIA CITY SD	DOBSON JAMES SCH	5	36.8
PHILADELPHIA	PHILADELPHIA CITY SD	DOUGLASS FREDERICK SCH	5	67.5
PHILADELPHIA	PHILADELPHIA CITY SD	DREW CHARLES R SCH	5	55.0
PHILADELPHIA	PHILADELPHIA CITY SD	DUCKREY TANNER SCH	5	81.9
PHILADELPHIA	PHILADELPHIA CITY SD	DUNBAR PAUL L SCH	5	65.2
PHILADELPHIA	PHILADELPHIA CITY SD	DURHAM THOMAS CHILD DEV CTR	5	68.8
PHILADELPHIA	PHILADELPHIA CITY SD	EDMONDS FRANKLIN S SCH	5	44.4
PHILADELPHIA	PHILADELPHIA CITY SD	EDMUNDS HENRY R SCH	5	59.1
PHILADELPHIA	PHILADELPHIA CITY SD	ELLWOOD SCH	5	65.4
PHILADELPHIA	PHILADELPHIA CITY SD	EMLIN ELEANOR C SCH	5	63.6
PHILADELPHIA	PHILADELPHIA CITY SD	FAIRHILL SCH	5	46.0
PHILADELPHIA	PHILADELPHIA CITY SD	FARRELL LOUIS H SCH	5	24.1
PHILADELPHIA	PHILADELPHIA CITY SD	FELL D NEWLIN SCH	5	59.9
PHILADELPHIA	PHILADELPHIA CITY SD	FERGUSON JOSEPH C SCH	5	72.9
PHILADELPHIA	PHILADELPHIA CITY SD	FINLETTER THOMAS K SCH	5	55.9
PHILADELPHIA	PHILADELPHIA CITY SD	FITLER ACADEMICS PLUS	5	43.3
PHILADELPHIA	PHILADELPHIA CITY SD	FITZPATRICK ALOYSIUS L SCH	5	35.8
PHILADELPHIA	PHILADELPHIA CITY SD	FORREST EDWIN SCH	5	38.3
PHILADELPHIA	PHILADELPHIA CITY SD	FOX CHASE SCH	5	31.7
PHILADELPHIA	PHILADELPHIA CITY SD	FRANK ANNE SCH	5	24.6
PHILADELPHIA	PHILADELPHIA CITY SD	FRANKLIN BENJAMIN SCH	5	55.1
PHILADELPHIA	PHILADELPHIA CITY SD	FULTON ROBERT SCH	5	68.9
PHILADELPHIA	PHILADELPHIA CITY SD	GIDEON EDWARD SCH	5	60.4
PHILADELPHIA	PHILADELPHIA CITY SD	GOMPERS SAMUEL SCH	5	66.4
PHILADELPHIA	PHILADELPHIA CITY SD	GREENBERG JOSEPH SCH	5	8.6
PHILADELPHIA	PHILADELPHIA CITY SD	GREENFIELD ALBERT M SCH	5	35.9
PHILADELPHIA	PHILADELPHIA CITY SD	HACKETT HORATIO B SCH	5	34.6
PHILADELPHIA	PHILADELPHIA CITY SD	HAMILTON ANDREW SCH	5	59.5
PHILADELPHIA	PHILADELPHIA CITY SD	HANCOCK JOHN SCH	5	17.0
PHILADELPHIA	PHILADELPHIA CITY SD	HARRISON WILLIAM H SCH	5	63.5
PHILADELPHIA	PHILADELPHIA CITY SD	HARRITY WILLIAM F SCH	5	68.8
PHILADELPHIA	PHILADELPHIA CITY SD	HARTRANFT JOHN F SCH	5	88.5
PHILADELPHIA	PHILADELPHIA CITY SD	HENRY CHARLES W SCH	5	30.0
PHILADELPHIA	PHILADELPHIA CITY SD	HESTON EDWARD SCH	5	50.1
PHILADELPHIA	PHILADELPHIA CITY SD	HILL LESLIE P SCH	5	68.9
PHILADELPHIA	PHILADELPHIA CITY SD	HOLME THOMAS SCH	5	50.0
PHILADELPHIA	PHILADELPHIA CITY SD	HOPKINSON FRANCIS SCH	5	60.4
PHILADELPHIA	PHILADELPHIA CITY SD	HOUSTON HENRY E SCH	5	58.0
PHILADELPHIA	PHILADELPHIA CITY SD	HOWE JULIA WARD SCH	5	58.8
PHILADELPHIA	PHILADELPHIA CITY SD	HUEY SAMUEL B SCH	5	70.6
PHILADELPHIA	PHILADELPHIA CITY SD	JACKSON ANDREW SCH	5	55.7
PHILADELPHIA	PHILADELPHIA CITY SD	JENKS JOHN S SCH	5	33.2
PHILADELPHIA	PHILADELPHIA CITY SD	JONES JOHN PAUL MS	5	76.2
PHILADELPHIA	PHILADELPHIA CITY SD	KEARNY GEN PHILIP SCH	5	38.1



*Math and Reading  
Below Basic/  
Bottom\**

<i>County</i>	<i>School District</i>	<i>School</i>	<i>Grade</i>	
PHILADELPHIA	PHILADELPHIA CITY SD	KELLEY WILLIAM D SCH	5	78.1
PHILADELPHIA	PHILADELPHIA CITY SD	KENDERTON SCH	5	73.8
PHILADELPHIA	PHILADELPHIA CITY SD	KEY FRANCIS SCOTT SCH	5	51.2
PHILADELPHIA	PHILADELPHIA CITY SD	KINSEY JOHN L SCH	5	60.6
PHILADELPHIA	PHILADELPHIA CITY SD	KIRKBRIDE ELIZA B SCH	5	59.1
PHILADELPHIA	PHILADELPHIA CITY SD	LAMBERTON ROBERT E SCH	5	62.4
PHILADELPHIA	PHILADELPHIA CITY SD	LAWTON HENRY W SCH	5	19.1
PHILADELPHIA	PHILADELPHIA CITY SD	LEA HENRY C SCH	5	80.1
PHILADELPHIA	PHILADELPHIA CITY SD	LEIDY JOSEPH SCH	5	65.4
PHILADELPHIA	PHILADELPHIA CITY SD	LEVERING WILLIAM SCH	5	50.0
PHILADELPHIA	PHILADELPHIA CITY SD	LINGELBACH ANNA L SCH	5	49.4
PHILADELPHIA	PHILADELPHIA CITY SD	LOCKE ALAIN SCH	5	84.8
PHILADELPHIA	PHILADELPHIA CITY SD	LOESCHE WILLIAM H SCH	5	27.8
PHILADELPHIA	PHILADELPHIA CITY SD	LOGAN SCH	5	67.6
PHILADELPHIA	PHILADELPHIA CITY SD	LONGSTRETH WILLIAM C SCH	5	70.7
PHILADELPHIA	PHILADELPHIA CITY SD	LUDLOW JAMES R SCH	5	78.8
PHILADELPHIA	PHILADELPHIA CITY SD	MANN WILLIAM B SCH	5	54.7
PHILADELPHIA	PHILADELPHIA CITY SD	MARSHALL JOHN SCH	5	56.0
PHILADELPHIA	PHILADELPHIA CITY SD	MARSHALL THURGOOD	5	84.8
PHILADELPHIA	PHILADELPHIA CITY SD	MASTERMAN JULIA R SEC SCH	5	0.5
PHILADELPHIA	PHILADELPHIA CITY SD	MAYFAIR SCH	5	25.9
PHILADELPHIA	PHILADELPHIA CITY SD	MCCALL GEN GEORGE A SCH	5	32.8
PHILADELPHIA	PHILADELPHIA CITY SD	MCCLOSKEY JOHN F SCH	5	52.5
PHILADELPHIA	PHILADELPHIA CITY SD	MCKINLEY WILLIAM SCH	5	69.3
PHILADELPHIA	PHILADELPHIA CITY SD	MCMICHAEL MORTON SCH	5	86.1
PHILADELPHIA	PHILADELPHIA CITY SD	MEREDITH WILLIAM M SCH	5	37.8
PHILADELPHIA	PHILADELPHIA CITY SD	MIDDLE YEARS ALTERNATIVE	5	48.7
PHILADELPHIA	PHILADELPHIA CITY SD	MIFFLIN THOMAS SCH	5	68.2
PHILADELPHIA	PHILADELPHIA CITY SD	MILLER E S SCH	5	50.0
PHILADELPHIA	PHILADELPHIA CITY SD	MOFFET JOHN SCH	5	43.6
PHILADELPHIA	PHILADELPHIA CITY SD	MOORE J HAMPTON SCH	5	28.8
PHILADELPHIA	PHILADELPHIA CITY SD	MORRIS ROBERT SCH	5	60.9
PHILADELPHIA	PHILADELPHIA CITY SD	MORRISON ANDREW J SCH	5	39.8
PHILADELPHIA	PHILADELPHIA CITY SD	MUNOZ-MARIN LUIS	5	83.4
PHILADELPHIA	PHILADELPHIA CITY SD	NEBINGER GEORGE W SCH	5	68.8
PHILADELPHIA	PHILADELPHIA CITY SD	OLNEY EL SCH	5	51.3
PHILADELPHIA	PHILADELPHIA CITY SD	OVERBROOK EDU CTR	5	45.2
PHILADELPHIA	PHILADELPHIA CITY SD	OVERBROOK ELEMENTARY SCH	5	63.2
PHILADELPHIA	PHILADELPHIA CITY SD	PALUMBO FRANK SCH	5	84.6
PHILADELPHIA	PHILADELPHIA CITY SD	PASTORIUS FRANCIS P SCH	5	67.7
PHILADELPHIA	PHILADELPHIA CITY SD	PEIRCE THOMAS M SCH	5	73.2
PHILADELPHIA	PHILADELPHIA CITY SD	PEIRCE WILLIAM S MS	5	80.9
PHILADELPHIA	PHILADELPHIA CITY SD	PENN TREATY MS	5	88.5
PHILADELPHIA	PHILADELPHIA CITY SD	PENNELL JOSEPH SCH	5	54.3
PHILADELPHIA	PHILADELPHIA CITY SD	PENNYPACKER SAMUEL SCH	5	51.1
PHILADELPHIA	PHILADELPHIA CITY SD	PEPPER GEORGE MS	5	79.4
PHILADELPHIA	PHILADELPHIA CITY SD	PICKETT CLARENCE E MS	5	86.6
PHILADELPHIA	PHILADELPHIA CITY SD	POLLOCK ROBERT B SCH	5	11.2
PHILADELPHIA	PHILADELPHIA CITY SD	POTTER-THOMAS SCH	5	84.8
PHILADELPHIA	PHILADELPHIA CITY SD	PRATT ANNA B SCH	5	74.1
PHILADELPHIA	PHILADELPHIA CITY SD	PRINCE HALL	5	65.2
PHILADELPHIA	PHILADELPHIA CITY SD	REYNOLDS GEN JOHN F SCH	5	75.9
PHILADELPHIA	PHILADELPHIA CITY SD	RHAWNURST SCH	5	18.8
PHILADELPHIA	PHILADELPHIA CITY SD	RHOADS JAMES SCH	5	58.5
PHILADELPHIA	PHILADELPHIA CITY SD	RHODES E WASHINGTON MS	5	82.1
PHILADELPHIA	PHILADELPHIA CITY SD	RICHMOND SCH	5	50.6
PHILADELPHIA	PHILADELPHIA CITY SD	ROWEN WILLIAM SCH	5	50.0
PHILADELPHIA	PHILADELPHIA CITY SD	SHALLCROSS DAY SCH	5	100.0
PHILADELPHIA	PHILADELPHIA CITY SD	SHARSWOOD GEORGE SCH	5	61.2
PHILADELPHIA	PHILADELPHIA CITY SD	SHAW ANNA H MS	5	84.4
PHILADELPHIA	PHILADELPHIA CITY SD	SHAWMONT SCH	5	22.8
PHILADELPHIA	PHILADELPHIA CITY SD	SHERIDAN PHILIP H SCH	5	79.2
PHILADELPHIA	PHILADELPHIA CITY SD	SMEDLEY FRANKLIN SCH	5	50.9
PHILADELPHIA	PHILADELPHIA CITY SD	SOLIS-COHEN SOLOMON SCH	5	32.4
PHILADELPHIA	PHILADELPHIA CITY SD	SOUTHWARK SCH	5	60.7
PHILADELPHIA	PHILADELPHIA CITY SD	SPRING GARDEN SCH	5	35.8

*Math and Reading  
Below Basic/  
Bottom\**

<i>County</i>	<i>School District</i>	<i>School</i>	<i>Grade</i>	<i>Math and Reading Below Basic/ Bottom*</i>
PHILADELPHIA	PHILADELPHIA CITY SD	SPRUANCE GILBERT SCH	5	39.9
PHILADELPHIA	PHILADELPHIA CITY SD	STANTON EDWIN M SCH	5	83.4
PHILADELPHIA	PHILADELPHIA CITY SD	STANTON M HALL SCH	5	58.0
PHILADELPHIA	PHILADELPHIA CITY SD	STEARNE ALLEN M SCH	5	60.1
PHILADELPHIA	PHILADELPHIA CITY SD	STEEL EDWARD SCH	5	74.2
PHILADELPHIA	PHILADELPHIA CITY SD	STETSON JOHN B MS	5	83.3
PHILADELPHIA	PHILADELPHIA CITY SD	SULLIVAN JAMES J SCH	5	53.3
PHILADELPHIA	PHILADELPHIA CITY SD	TAGGART JOHN H SCH	5	46.5
PHILADELPHIA	PHILADELPHIA CITY SD	THOMAS GEORGE C MS	5	64.4
PHILADELPHIA	PHILADELPHIA CITY SD	TILDEN WILLIAM T MS	5	77.7
PHILADELPHIA	PHILADELPHIA CITY SD	VARE ABIGAIL SCH	5	58.1
PHILADELPHIA	PHILADELPHIA CITY SD	VARE EDWIN H MS	5	80.7
PHILADELPHIA	PHILADELPHIA CITY SD	VAUX ROBERTS MS	5	85.1
PHILADELPHIA	PHILADELPHIA CITY SD	WALTON RUDOLPH S SCH	5	49.0
PHILADELPHIA	PHILADELPHIA CITY SD	WARING LAURA W SCH	5	78.7
PHILADELPHIA	PHILADELPHIA CITY SD	WASHINGTON GEORGE SCH	5	76.1
PHILADELPHIA	PHILADELPHIA CITY SD	WASHINGTON MARTHA SCH	5	76.4
PHILADELPHIA	PHILADELPHIA CITY SD	WEBSTER JOHN H SCH	5	64.5
PHILADELPHIA	PHILADELPHIA CITY SD	WELSH JOHN SCH	5	58.6
PHILADELPHIA	PHILADELPHIA CITY SD	WIDENER MEMORIAL SCH	5	95.3
PHILADELPHIA	PHILADELPHIA CITY SD	WILSON ALEXANDER SCH	5	64.6
PHILADELPHIA	PHILADELPHIA CITY SD	WISTER JOHN SCH	5	39.1
PHILADELPHIA	PHILADELPHIA CITY SD	WRIGHT RICHARD R SCH	5	74.3
PHILADELPHIA	PHILADELPHIA CITY SD	ZIEGLER WILLIAM H SCH	5	35.7
PHILADELPHIA	PHILADELPHIA CITY SD	ADAIRE ALEXANDER SCH	8	61.3
PHILADELPHIA	PHILADELPHIA CITY SD	ALLEN ETHAN SCH	8	50.0
PHILADELPHIA	PHILADELPHIA CITY SD	AMY AT MARTIN	8	33.8
PHILADELPHIA	PHILADELPHIA CITY SD	AMY NW	8	42.6
PHILADELPHIA	PHILADELPHIA CITY SD	BACHE-MARTIN SCH	8	31.2
PHILADELPHIA	PHILADELPHIA CITY SD	BALDI C C A MS	8	24.5
PHILADELPHIA	PHILADELPHIA CITY SD	BARRATT NORRIS S MS	8	75.7
PHILADELPHIA	PHILADELPHIA CITY SD	BEEBER DIMNER MS	8	60.4
PHILADELPHIA	PHILADELPHIA CITY SD	CARNELL LAURA H SCH	8	47.9
PHILADELPHIA	PHILADELPHIA CITY SD	CENTRAL EAST MS	8	61.8
PHILADELPHIA	PHILADELPHIA CITY SD	CLEMENTE ROBERTO MS	8	76.1
PHILADELPHIA	PHILADELPHIA CITY SD	CONWELL RUSSELL MS	8	13.2
PHILADELPHIA	PHILADELPHIA CITY SD	COOKE JAY MS	8	62.8
PHILADELPHIA	PHILADELPHIA CITY SD	CREIGHTON THOMAS SCH	8	47.3
PHILADELPHIA	PHILADELPHIA CITY SD	DEBURGOS BILINGUAL MAGNET MS	8	77.2
PHILADELPHIA	PHILADELPHIA CITY SD	DISSTON HAMILTON SCH	8	44.7
PHILADELPHIA	PHILADELPHIA CITY SD	DOBSON JAMES SCH	8	41.1
PHILADELPHIA	PHILADELPHIA CITY SD	DREW CHARLES R SCH	8	71.8
PHILADELPHIA	PHILADELPHIA CITY SD	EDMUNDS HENRY R SCH	8	58.7
PHILADELPHIA	PHILADELPHIA CITY SD	ELVERSON JAMES MS	8	84.4
PHILADELPHIA	PHILADELPHIA CITY SD	FARRELL LOUIS H SCH	8	31.8
PHILADELPHIA	PHILADELPHIA CITY SD	FINLETTER THOMAS K SCH	8	50.6
PHILADELPHIA	PHILADELPHIA CITY SD	FITLER ACADEMICS PLUS	8	38.6
PHILADELPHIA	PHILADELPHIA CITY SD	FITZSIMONS THOMAS MS	8	80.5
PHILADELPHIA	PHILADELPHIA CITY SD	FRANKLIN BENJAMIN SCH	8	52.1
PHILADELPHIA	PHILADELPHIA CITY SD	GILLESPIE ELIZ D MS	8	75.0
PHILADELPHIA	PHILADELPHIA CITY SD	GREENBERG JOSEPH SCH	8	10.2
PHILADELPHIA	PHILADELPHIA CITY SD	GREENFIELD ALBERT M SCH	8	32.6
PHILADELPHIA	PHILADELPHIA CITY SD	HAMILTON ANDREW SCH	8	8.9
PHILADELPHIA	PHILADELPHIA CITY SD	HARDING WARREN G MS	8	65.1
PHILADELPHIA	PHILADELPHIA CITY SD	HENRY CHARLES W SCH	8	32.0
PHILADELPHIA	PHILADELPHIA CITY SD	HILL J E/FREEDMAN SAMSON	8	8.6
PHILADELPHIA	PHILADELPHIA CITY SD	HOPKINSON FRANCIS SCH	8	49.4
PHILADELPHIA	PHILADELPHIA CITY SD	HOUSTON HENRY E SCH	8	46.3
PHILADELPHIA	PHILADELPHIA CITY SD	JACKSON ANDREW SCH	8	50.4
PHILADELPHIA	PHILADELPHIA CITY SD	JENKS JOHN S SCH	8	33.6
PHILADELPHIA	PHILADELPHIA CITY SD	JONES JOHN PAUL MS	8	61.6
PHILADELPHIA	PHILADELPHIA CITY SD	KENDERTON SCH	8	64.1
PHILADELPHIA	PHILADELPHIA CITY SD	KIRKBRIDE ELIZA B SCH	8	40.7
PHILADELPHIA	PHILADELPHIA CITY SD	LA BRUM GEN J HARRY MS	8	35.9
PHILADELPHIA	PHILADELPHIA CITY SD	LAMBERTON ROBERT E SCH	8	62.8

*Math and Reading  
Below Basic/  
Bottom\**

<i>County</i>	<i>School District</i>	<i>School</i>	<i>Grade</i>	
PHILADELPHIA	PHILADELPHIA CITY SD	LEA HENRY C SCH	8	73.8
PHILADELPHIA	PHILADELPHIA CITY SD	LEEDS MORRIS E MS	8	56.0
PHILADELPHIA	PHILADELPHIA CITY SD	LEVERING WILLIAM SCH	8	39.1
PHILADELPHIA	PHILADELPHIA CITY SD	LEWIS ADA H MS	8	72.7
PHILADELPHIA	PHILADELPHIA CITY SD	MASTERMAN JULIA R SEC SCH	8	0.1
PHILADELPHIA	PHILADELPHIA CITY SD	MAYFAIR SCH	8	34.4
PHILADELPHIA	PHILADELPHIA CITY SD	MCCALL GEN GEORGE A SCH	8	42.8
PHILADELPHIA	PHILADELPHIA CITY SD	MCMICHAEL MORTON SCH	8	76.8
PHILADELPHIA	PHILADELPHIA CITY SD	MEEHAN AUSTIN MS	8	51.0
PHILADELPHIA	PHILADELPHIA CITY SD	MEREDITH WILLIAM M SCH	8	24.2
PHILADELPHIA	PHILADELPHIA CITY SD	MIDDLE YEARS ALTERNATIVE	8	20.8
PHILADELPHIA	PHILADELPHIA CITY SD	MIFFLIN THOMAS SCH	8	56.3
PHILADELPHIA	PHILADELPHIA CITY SD	MILLER E S SCH	8	95.0
PHILADELPHIA	PHILADELPHIA CITY SD	MORRISON ANDREW J SCH	8	22.5
PHILADELPHIA	PHILADELPHIA CITY SD	NEBINGER GEORGE W SCH	8	61.9
PHILADELPHIA	PHILADELPHIA CITY SD	OLNEY EL SCH	8	36.5
PHILADELPHIA	PHILADELPHIA CITY SD	OVERBROOK EDU CTR	8	32.9
PHILADELPHIA	PHILADELPHIA CITY SD	PALUMBO FRANK SCH	8	67.1
PHILADELPHIA	PHILADELPHIA CITY SD	PEIRCE WILLIAM S MS	8	71.4
PHILADELPHIA	PHILADELPHIA CITY SD	PENN TREATY MS	8	75.3
PHILADELPHIA	PHILADELPHIA CITY SD	PEPPER GEORGE MS	8	62.1
PHILADELPHIA	PHILADELPHIA CITY SD	PICKETT CLARENCE E MS	8	81.6
PHILADELPHIA	PHILADELPHIA CITY SD	RHODES E WASHINGTON MS	8	73.3
PHILADELPHIA	PHILADELPHIA CITY SD	ROOSEVELT THEODORE MS	8	74.5
PHILADELPHIA	PHILADELPHIA CITY SD	RUSH BENJAMIN MS	8	54.4
PHILADELPHIA	PHILADELPHIA CITY SD	SAYRE WILLIAM L MS	8	77.3
PHILADELPHIA	PHILADELPHIA CITY SD	SHALLCROSS DAY SCH	8	92.7
PHILADELPHIA	PHILADELPHIA CITY SD	SHARSWOOD GEORGE SCH	8	48.9
PHILADELPHIA	PHILADELPHIA CITY SD	SHAW ANNA H MS	8	79.2
PHILADELPHIA	PHILADELPHIA CITY SD	SHAWMONT SCH	8	34.5
PHILADELPHIA	PHILADELPHIA CITY SD	SHOEMAKER WM H MS	8	79.9
PHILADELPHIA	PHILADELPHIA CITY SD	SOUTHWARK SCH	8	46.6
PHILADELPHIA	PHILADELPHIA CITY SD	SPRUANCE GILBERT SCH	8	36.3
PHILADELPHIA	PHILADELPHIA CITY SD	STANTON EDWIN M SCH	8	63.5
PHILADELPHIA	PHILADELPHIA CITY SD	STETSON JOHN B MS	8	79.0
PHILADELPHIA	PHILADELPHIA CITY SD	STODDART-FLEISHER MS	8	71.0
PHILADELPHIA	PHILADELPHIA CITY SD	STRAWBERRY MANSION HS	8	70.3
PHILADELPHIA	PHILADELPHIA CITY SD	SULZBERGER MAYER MS	8	72.3
PHILADELPHIA	PHILADELPHIA CITY SD	TAGGART JOHN H SCH	8	59.7
PHILADELPHIA	PHILADELPHIA CITY SD	THOMAS GEORGE C MS	8	48.8
PHILADELPHIA	PHILADELPHIA CITY SD	TILDEN WILLIAM T MS	8	74.2
PHILADELPHIA	PHILADELPHIA CITY SD	TURNER JOHN P MS	8	74.1
PHILADELPHIA	PHILADELPHIA CITY SD	VARE ABIGAIL SCH	8	49.7
PHILADELPHIA	PHILADELPHIA CITY SD	VARE EDWIN H MS	8	69.3
PHILADELPHIA	PHILADELPHIA CITY SD	VAUX ROBERTS MS	8	75.0
PHILADELPHIA	PHILADELPHIA CITY SD	WAGNER GEN LOUIS MS	8	56.5
PHILADELPHIA	PHILADELPHIA CITY SD	WANAMAKER JOHN MS	8	76.7
PHILADELPHIA	PHILADELPHIA CITY SD	WASHINGTON GEORGE SCH	8	42.5
PHILADELPHIA	PHILADELPHIA CITY SD	WASHINGTON MARTHA SCH	8	59.7
PHILADELPHIA	PHILADELPHIA CITY SD	WIDENER MEMORIAL SCH	8	81.8
PHILADELPHIA	PHILADELPHIA CITY SD	WILSON WOODROW MS	8	37.0
PHILADELPHIA	PHILADELPHIA CITY SD	ZIEGLER WILLIAM H SCH	8	30.3
PHILADELPHIA	PHILADELPHIA CITY SD	BARTRAM JOHN HS	11	64.2
PHILADELPHIA	PHILADELPHIA CITY SD	BODINE WILLIAM W HS	11	6.9
PHILADELPHIA	PHILADELPHIA CITY SD	BOK EDWARD W TECHNICAL HS	11	75.6
PHILADELPHIA	PHILADELPHIA CITY SD	CARROLL CHARLES SCH	11	74.3
PHILADELPHIA	PHILADELPHIA CITY SD	CARVER HS	11	10.4
PHILADELPHIA	PHILADELPHIA CITY SD	CENTRAL HS	11	1.2
PHILADELPHIA	PHILADELPHIA CITY SD	CREATIVE AND PERFORMING ARTS	11	28.6
PHILADELPHIA	PHILADELPHIA CITY SD	DOBBINS/RANDOLPH AVT HS	11	75.3
PHILADELPHIA	PHILADELPHIA CITY SD	DOUGLAS STEPHEN A SCH	11	99.4
PHILADELPHIA	PHILADELPHIA CITY SD	EDISON HS/FAREIRA SKILLS	11	78.0
PHILADELPHIA	PHILADELPHIA CITY SD	FELS SAMUEL HS	11	64.7
PHILADELPHIA	PHILADELPHIA CITY SD	FRANKFORD HS	11	62.7
PHILADELPHIA	PHILADELPHIA CITY SD	FRANKLIN BENJAMIN HS	11	86.8

*Math and Reading  
Below Basic/  
Bottom\**

<i>County</i>	<i>School District</i>	<i>School</i>	<i>Grade</i>	<i>Math and Reading Below Basic/ Bottom*</i>
PHILADELPHIA	PHILADELPHIA CITY SD	FRANKLIN LEARNING CTR	11	34.1
PHILADELPHIA	PHILADELPHIA CITY SD	FURNESS HORACE HS	11	66.1
PHILADELPHIA	PHILADELPHIA CITY SD	GERMANTOWN HS	11	72.4
PHILADELPHIA	PHILADELPHIA CITY SD	GIRLS HS	11	7.2
PHILADELPHIA	PHILADELPHIA CITY SD	GRATZ SIMON HS	11	81.3
PHILADELPHIA	PHILADELPHIA CITY SD	KENSINGTON HS	11	80.5
PHILADELPHIA	PHILADELPHIA CITY SD	KING MARTIN LUTHER HS	11	75.0
PHILADELPHIA	PHILADELPHIA CITY SD	LAMBERTON ROBERT E SCH	11	65.1
PHILADELPHIA	PHILADELPHIA CITY SD	LANKENAU-GERMANTOWN HS	11	34.5
PHILADELPHIA	PHILADELPHIA CITY SD	LINCOLN ABRAHAM HS	11	53.9
PHILADELPHIA	PHILADELPHIA CITY SD	MASTBAUM JULES E AVTS	11	74.5
PHILADELPHIA	PHILADELPHIA CITY SD	MASTERMAN JULIA R SEC SCH	11	0.0
PHILADELPHIA	PHILADELPHIA CITY SD	MILLER E S SCH	11	100.0
PHILADELPHIA	PHILADELPHIA CITY SD	NORTHEAST HS	11	38.8
PHILADELPHIA	PHILADELPHIA CITY SD	OLNEY HS	11	86.4
PHILADELPHIA	PHILADELPHIA CITY SD	OVERBROOK HS	11	77.8
PHILADELPHIA	PHILADELPHIA CITY SD	PARKWAY PROGRAM	11	40.7
PHILADELPHIA	PHILADELPHIA CITY SD	PENN WILLIAM HS	11	80.3
PHILADELPHIA	PHILADELPHIA CITY SD	PHILA REGIONAL HS	11	77.7
PHILADELPHIA	PHILADELPHIA CITY SD	RANDOLPH A PHILLIP HS	11	76.8
PHILADELPHIA	PHILADELPHIA CITY SD	ROXBOROUGH HS	11	56.8
PHILADELPHIA	PHILADELPHIA CITY SD	SAUL W B AGRICULTURAL SCH	11	32.7
PHILADELPHIA	PHILADELPHIA CITY SD	SOUTH PHILADELPHIA HS	11	65.9
PHILADELPHIA	PHILADELPHIA CITY SD	STRAWBERRY MANSION HS	11	85.5
PHILADELPHIA	PHILADELPHIA CITY SD	SWENSON ARTS & TECHNOLOGY HS	11	78.2
PHILADELPHIA	PHILADELPHIA CITY SD	UNIVERSITY CITY HS	11	82.3
PHILADELPHIA	PHILADELPHIA CITY SD	WASHINGTON GEORGE HS	11	42.8
PHILADELPHIA	PHILADELPHIA CITY SD	WEST PHILADELPHIA HS	11	80.8
PHILADELPHIA	PHILADELPHIA CITY SD	WIDENER MEMORIAL SCH	11	93.6
YORK	YORK CITY SD	DAVIS SCH	5	35.7
YORK	YORK CITY SD	DEVERS SCH	5	42.4
YORK	YORK CITY SD	FERGUSON SCH	5	42.2
YORK	YORK CITY SD	GOODE SCH	5	60.6
YORK	YORK CITY SD	JACKSON SCH	5	59.1
YORK	YORK CITY SD	MCKINLEY SCH	5	53.9
YORK	YORK CITY SD	EDGAR FAHS SMITH MS	8	50.5
YORK	YORK CITY SD	HANNAH PENN MS	8	49.0
YORK	YORK CITY SD	WILLIAM PENN SHS	11	53.9

CHARLES B. ZOGBY,  
*Secretary*

[Pa.B. Doc. No. 02-11. Filed for public inspection January 4, 2002, 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 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 before 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 before 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, (717) 705-4707.*

<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>
PA0051748	Tulpehocken Area School District 428 New Schaefferstown Road Bernville, PA 19506-8939	Berks County/ Jefferson Township	UNT to Northkill Creek/ 3-C	Yes
PA0029947	Southern Huntingdon County School District—Spring Farms Elementary School R. R. 1, Box 1124 Three Springs, PA 17364-9730	Huntingdon County/ Clay Township	UNT Spring Creek/12-C	Yes
PA0029955	Southern Huntingdon County School District—Trough Creek Elementary School R. R. 1, Box 1124 Three Springs, PA 17364-9730	Huntingdon County/ Todd Township	UNT to Great Trough Creek/11-D	Yes
PA0029939	Southern Huntingdon County School District—High School R. R. 1, Box 1124 Three Springs, PA 17364-9730	Huntingdon County/ Cromwell Township	Aughwick Creek/12-C	Yes

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

**PA0103870**, Sewage. **Eckstrom MHP**, 347 Hadley Road, Greenville, PA 16125. This proposed facility is located in Hempfield Township, **Mercer County**.

Description of Proposed Activity: A new Part I permit for an existing discharge.

The receiving stream, unnamed tributary to Little Shenango River, is in watershed 20-A and classified for: Trout Stocking Fishes, 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 (stream and Public Water Supplier) considered during the evaluation is the Municipal Authority of the Borough of Greenville on the Little Shenango River located at Greenville, approximately 7 miles below point of discharge.

The proposed effluent limits for Outfall 001 based on a design flow of 0.021 mgd.

<i>Parameter</i>	<i>Average Monthly (mg/l)</i>	<i>Average Weekly (mg/l)</i>	<i>Instantaneous Maximum (mg/l)</i>
CBOD <sub>5</sub>	25		50
Total Suspended Solids	30		60
NH <sub>3</sub> -N			
(5-1 to 10-31)	2		4
(11-1 to 4-30)	6		12

<i>Parameter</i>	<i>Average Monthly (mg/l)</i>	<i>Average Weekly (mg/l)</i>	<i>Instantaneous Maximum (mg/l)</i>
Fecal Coliform (5-1 to 9-30) (10-1 to 4-30)		200/100 ml as a geometric average 2,000/100 ml as a geometric average	
Total Phosphorus	1		2
Total Residual Chlorine	1.4		3.3
Dissolved Oxygen		minimum of 3 mg/l at all times	
pH		6.0 to 9.0 standard units at all times	

The EPA Waiver is in effect.

**PA0104370**, Industrial Waste. **Quality Components Inc.**, R. R. 2 Box 300, Ridgway, PA 15853. This proposed facility is located in Ridgway Township, **Elk County**.

Description of proposed discharge of untreated stormwater, water filter backflush, boiler condensate and noncontact cooling water for Hot Molding, presses and air compressors; and a treated groundwater discharge, is in watershed 17A and discharges to Elk Creek which is classified for: 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 Clarion District Pennsylvania-American Water Company on the Clarion River located at Clarion, approximately 65 miles below point of discharge.

The proposed effluent limits for Outfall 001 are based on a design flow of 0.0037 MGD.

<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>	<i>Instantaneous Maximum</i>
Flow	XX				
Temperature			XX		
pH					Within limits of 6.0 to 9.0 standard units at all times.

The proposed effluent limits for Outfall 002 are based on a design flow of 0.004 MGD.

<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>	<i>Instantaneous Maximum</i>
Flow	XX				
Temperature			XX		
pH					Within limits of 6.0 to 9.0 standard units at all times.

The proposed effluent limits for Outfall 003 are based on a design flow of 0.00045 MGD.

<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>	<i>Instantaneous Maximum</i>
Flow	XX				
1,1,1, Trichloroethane			XX		
Trichloroethylene			0.004	0.01	0.01
1,1-Dichloroethane			XX		
1,2-Dichloroethylene			XX		
pH					Within limits of 6.0 to 9.0 standard units at all times.

XX—Monitor and report.

The EPA Waiver is in effect.

**WATER QUALITY MANAGEMENT  
PERMITS  
CONTROLLED INDUSTRIAL WASTE  
AND SEWAGE WASTEWATER  
APPLICATIONS UNDER THE 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 before 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 *Pennsylvania 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.

**I. 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. 1501426**, Sewerage, **West Vincent Township**, P. O. Box 163, 2200 Flowing Springs Road, Birchrunville, PA 19421. This proposed facility is located in West Vincent Township, **Chester County**.

Description of Proposed Action/Activity: Construction and operation of a gravity sanitary sewer collection system and two conveyance pump stations and force-mains.

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

**WQM Permit No. 2101411**, Sewerage, **Lower Allen Township Authority**, 120 Limekiln Road, New Cumberland, PA 17070-2428. This proposed facility is located in Lower Allen Township, **Cumberland County**.

Description of Proposed Action/Activity: An upgrade to the Cedar Run Sewer line. This project is required to meet future service needs in Lower Allen and Upper Allen Township and includes an upgrade from an existing 15 inch to 27 inch line and eliminates three pumping stations in Upper Allen Township.

*Southwest Region: Water Management Program Manager, 400 Waterfront Drive, Pittsburgh, PA 15222-4745.*

**Application No. 1101406**, Sewerage, **Pyramid Healthcare, Inc.**, 1512 12th Avenue, Altoona, PA 16601. Application for the construction and operation of a sewage treatment plant to serve Skyline Drive located in Reade Township, **Cambria County**.

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

**WQM Permit No 1001416**, Sewerage, **Michael McKinney**, 154 Old Glade Mill Road, Valencia, PA 16059. This proposed facility is located in Middlesex Township, **Butler County**.

Description of Proposed Action/Activity: This project is for a Single Residence Sewage Treatment Plant.

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

*Lehigh County Conservation District: Lehigh Ag. Ctr., Ste 102, 4184 Dorney Park Road, 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>
PAS10Q232	Marion Betz 7205 Kernsville Rd. Orefield, PA 18069	Lehigh County Lowhill Township	Unnamed tributary to Jordan Creek HQ-CWF

**WQM Permit No 2501428**, Sewerage, **John A. and Lisa M. Cacchione**, 11041 Lay Road, Edinboro, PA 16412. This proposed facility is located in Washington Township, **Erie County**.

Description of Proposed Action/Activity: This project is for a Single Residence Sewage Treatment Plant.

**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 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 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 DEP 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.

*Pike County Conservation District: HC6, Box 6770, Hawley, PA 18428, (570) 226-8220.*

<i>NPDES No.</i>	<i>Applicant Name &amp; Address</i>	<i>County &amp; Municipality</i>	<i>Receiving Water/Use</i>
PAS10V038	Home Depot, USA, Inc. 3096 Hamilton Blvd. South Plainfield, NJ 07080	Pike County Westfall Township	Delaware River WWF, MF

*Southwest Region: Water Management Program Manager, 400 Waterfront Drive, Pittsburgh, PA 15222-4745.*

**NPDES Permit PAS10W085**, Stormwater. **Tom Evans/Rostraver Aviation, Inc.**, 2420 Greenock Buena Vista Road, McKeesport, PA 15135 has applied to discharge stormwater associated with a construction activity located in North Strabane Township, **Washington County** to tributary to Little Chartiers Creek/HQ-TSF.

*Washington County Conservation District: 100 West Beau Street, Suite 602, Washington, PA, (724) 228-6774.*

<i>NPDES No.</i>	<i>Applicant Name &amp; Address</i>	<i>County &amp; Municipality</i>	<i>Receiving Water/Use</i>
PAS10W085	Tom Evans/Rostraver Aviation, Inc. 2420 Greenock Buena Vista Road McKeesport, PA 15135	Washington County North Strabane Township	Tributary to Little Chartiers Creek/HQ-TSF

## PUBLIC WATER SUPPLY (PWS) PERMIT

Under the Pennsylvania Safe Drinking Water Act, the following parties have applied for a PWS permit to construct or substantially modify a public water system.

Persons wishing to comment on the permit application are invited to submit a statement to the office listed before the application within 30 days 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. Comment 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 the relevant facts upon which it is based. A public hearing may be held after consideration of comments received during the 30-day public comment period.

Following the comment period, the Department will make a final determination regarding the proposed permit. 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 permit application and any related documents are on file at the office listed before the application and available for public review. Arrangements for inspection and copying information should be made with the office listed before the application.

Persons with a disability that require an auxiliary aid, service or other accommodations to participate during the 30-day public comment period should contact the office listed before the application. TDD users may contact the Department through the Pennsylvania AT&T Relay Service at (800) 654-5984.

### SAFE DRINKING WATER

#### Applications received 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. 2301503**, Public Water Supply.

Applicant	<b>Women's Association for Women's Alternatives</b>
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Borough	Chester Heights
Responsible Official	Carol Goertzel 225 S. Chester Road Swarthmore, PA 19081
Type of Facility	Public Water Supply System
Consulting Engineer	Wick-Fisher-White 437 Chestnut Street Philadelphia, PA 19106
Application Received Date	December 18, 2001
Description of Action	Construction of a water supply well with storage and disinfection to serve the Women's Alternative Center.

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

**Permit No. 1301502**, Public Water Supply.

Applicant	<b>Nesquehoning Borough Authority</b>
Township or Borough	Nesquehoning Borough
Responsible Official	Stephen Yurchak, Chairperson 114 West Catawissa Street Nesquehoning, PA 18240-1511
Type of Facility	Water Treatment System
Consulting Engineer	Carbon Engineering, Inc. 350 North Pine Street Summit Hill, PA 18250
Application Received Date	July 11, 2001
Description of Action	Change lime feed system to dense soda ash system and install a polyphosphate feed system for sequestering.

**Permit No. 5401508**, Public Water Supply.

Applicant	<b>Mountain Spring Water, Inc.</b>
Township or Borough	West Penn Township
Responsible Official	Gregory Jones, President Mountain Spring Water, Inc. Columbia and Bern Streets Schuylkill Haven, PA 17972



Type of Facility Bulk Water Hauling System  
 Consulting Engineer Daniel James Becker, P.E.  
 RETTEW Associates, Inc.  
 3020 Columbia Avenue  
 Lancaster, PA 17603

Application Received November 27, 2001  
 Date

Description of Action Mountain Spring Water, Inc. currently provides water service to the Village of South Tamaqua, Schuylkill County under DEP Public Water Supply Permit Facility I. D. No. 3540048. The system currently serves approximately 32 customers. Mountain Spring Water, Inc. has made provisions with the Tamaqua Water Authority to take over the existing distribution system and service Mountain Spring Water, Inc.'s existing customers. At that time, Mountain Spring Water, Inc. intends to disconnect from the system and begin operation as a bulk water hauling system.

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

**Permit No. 4146292—Amendment 14, Public Water Supply.**

Applicant **Danone Waters of North America, Inc.**  
 3280 East Foothill Blvd.  
 Suite 400  
 Pasadena, CA 91107

Township Boggs Township  
 Responsible Official Shirley Bonsell, QA Manager  
 Danone Waters of North America, Inc.  
 One Aquapenn Drive  
 Milesburg, PA 16853

Type of Facility Bottled Water Plant  
 Consulting Engineer Sweetland Engineering & Associates, Inc.  
 600 Science Park Road  
 State College, PA 16803

Application Received December 12, 2001  
 Date

Description of Action Addition of reverse osmosis treatment, mineral injection system and ultraviolet light disinfection to existing bottling lines.

**MINOR AMENDMENT**

**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.*

**Application No. [N/A], Minor Amendment.**

Applicant **Mahoning Manor Estates Property Owners Association**  
 59 White Pine Lane  
 Lehighton, PA 18235

Township or Borough Mahoning Township, **Carbon County**

Responsible Official Dennis Daubenspeck  
 Type of Facility Existing Public Water System  
 Consulting Engineer Chad M. Angle, P.E.  
 Application Received November 20, 2001  
 Date

Description of Action Construction of system improvements at Well House 2.

*Southwest Region: Water Supply Management Program Manager, 400 Waterfront Drive, Pittsburgh, PA 15222-4745.*

**Application No. 0201506, Minor Amendment.**

Applicant **The Borough of Sewickley Water Authority**  
 601 Thorn Street, P. O. Box 190  
 Sewickley, PA 15143

Township or Borough Sewickley Borough  
 Responsible Official The Borough of Sewickley Water Authority  
 601 Thorn Street, P. O. Box 190  
 Sewickley, PA 15143

Type of Facility Water tanks/pump station  
 Consulting Engineer KLH Engineers, Inc.  
 5173 Campbells Run Road  
 Pittsburgh, PA 15642

Application Received December 17, 2001  
 Date

Description of Action New tank and pump station modifications.

**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. During this comment period the municipality may request that the person identified, 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:

*Southcentral Region: Environmental Cleanup Program Manager, 909 Elmerton Avenue, Harrisburg, PA 17110.*

**Laurel Run Park**, Muhlenberg Township, **Berks County**. Motley Engineering Company, Inc., 1300 New Holland Road, Kenhorst, PA 19607 (on behalf of Muhlenberg Township Parks & Recreation, 702 Euclid Avenue, Temple, PA 19560-1541) has submitted a Notice of Intent to Remediate site soils contaminated with lead. 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 Times/Reading Eagle* on October 11, 2000.

*Northcentral Region: Environmental Cleanup Program Manager, 208 West Third Street, Williamsport, PA 17701.*

**Dominion Transmission—Ellisburg Compressor Station**, Genesee Township, **Potter County**. URS, on behalf of its client Dominion Transmission, 445 W. Main Street, Clarksburg, WV 26301, has submitted a Notice of Intent to Remediate 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 Potter Leader* on October 17, 2001.

**Dominion Transmission—Greenlick Compressor Station**, Stewardson Township, **Potter County**. URS, on behalf of its client Dominion Transmission, 445 W. Main Street, Clarksburg, WV 26301, has submitted a Notice of

Intent to Remediate soil and groundwater contaminated with BTEX and PCBs. 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 Potter Leader* on October 17, 2001.

#### 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. WMGR. Penreco**, 138 Petrolia Street, Karns City, PA 16041-9299. The application is for the beneficial use of weak alkali liquor generated from production of FDA white mineral oils as an alternative alkaline material for neutralization of wastewater at coal washing plants and for treatment of acid mine drainage at coal refuse piles or coal stockpiles. The application was received by Central Office on October 31, 2001.

Comments concerning the application should be directed to Ronald C. Hassinger, Chief, General Permits/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 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.

#### 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**

*Southeast Region: Regional Solid Waste Manager, Lee Park, Suite 6010, 555 North Lane, Conshohocken, PA 19428.*

**General Permit Application No. WMGR038SE003. Tire Jockey Services, Inc.**, P. O. Box 66, Fairless Hills, PA 19030. Application for a determination of applicability under the waste tire general permit was refiled by the applicant for its waste tire processing facility located on the USX-Fairless Hills property in Falls Township, **Bucks County**. The application for determination of applicability was accepted as administratively complete by the Southeast Regional Office on December 3, 2001.

## OPERATE WASTE PROCESSING OR DISPOSAL AREA OR SITE

### 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 Regulations to Operate Solid Waste Processing or Disposal Area or Site.

*Southwest Region: Regional Solid Waste Manager, 400 Waterfront Drive, Pittsburgh, PA 15222-4745.*

**Permit Application No. 301071. MAX Environmental Technologies, Inc.**, 1815 Washington Road, Pittsburgh, PA 15241. MAX Environmental Technologies, R. D. 1, Box 135A, Yukon, PA 15698. An application for a major permit modification for changes made to the regulations December 23, 2000, and a Radiological Monitoring Plan at a residual waste disposal facility in South Huntingdon Township, **Westmoreland County** was received in the Regional Office on December 14, 2001.

**Permit Application No. 100663. Kelly Run Sanitation, Inc.**, P. O. Box 298, Elizabeth, PA 15037. Kelly Run Sanitation, Inc., P. O. Box 298, Elizabeth, PA 15037. An application for a major permit modification for changes made to the regulations December 23, 2000, and a Radiological Monitoring Plan at a municipal waste landfill in Forward Township, **Allegheny County** was received in the Regional Office on December 20, 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 DEP 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.

## PLAN APPROVALS

**Plan Approval Applications Received under the Air Pollution Control Act (35 P. S. §§ 4001—4015) and 25 Pa. Code Chapter 127, Subchapter B that may have special public interest. These applications are in review and no decision on disposition has been reached.**

*Northeast Region: Air Quality Program, 2 Public Square, Wilkes-Barre, PA 18711-0790; Contact: James Parette, New Source Review Chief, (570) 826-2531.*

**35-303-011C: Dunmore Materials** (Division of Haines and Kibblehouse, Inc., 3 Dunham Drive, Dunmore, PA 18512) for installation of an air cleaning device to the existing batch asphalt plant in Dunmore Borough, **Lackawanna County**.

**35-399-037: W E A Manufacturing** (1400 East Lackawanna Avenue, Olyphant, PA 18447) for construction of a printing plate cleaning operation in Olyphant Borough, **Lackawanna County**.

**40-328-005: Transcontinental Gas Pipe Line Corp.** (P. O. Box 1396, Houston, TX 77251-1396) for modification of Mainline Compressor No. 6 and associated air cleaning device at Compressor Station 515 in Buck Township, **Luzerne County**.

*Southcentral Region: Air Quality Program, 909 Elmerton Avenue, Harrisburg, PA 17110; Contact: Ronald Davis, New Source Review Chief, (717) 705-4702.*

**67-03091A: AMZ Manufacturing Corp.** (2206 Pennsylvania Avenue, York, PA 17404) for the control of two existing plating lines by an existing dry mesh-pad mist eliminator at its plating and metal finishing facility in the City of York, **York County**.

*Northcentral Region: Air Quality Program, 208 West Third Street, Williamsport, PA 17701; Contact: David Aldenderfer, Program Manager, (570) 327-3637.*

**41-00010A: Andritz, Inc.** (35 Sherman Street, Muncy, PA 17756-1202) for the construction of a 6 ton per hour natural gas-fired fluidized bed thermal foundry sand reclamation system and associated air cleaning device (a fabric collector) in Muncy Borough and Muncy Creek Township, **Lycoming County**.

*Southwest Region: Air Quality Program, 400 Waterfront Drive, Pittsburgh, PA 15222-4745; Contact: William Charlton, New Source Review Chief, (412) 442-4174.*

**63-00016B: Allegheny Energy Supply Company, LLC** (4350 Northern Pike, Monroeville, PA 15146) for installation of low NOx burner system at Mitchell Station in Union Township, **Washington County**.

**04-00681B: Joseph J. Brunner, Inc.** (211 Brunner Road, Zelienople, PA 16063) for installation of landfill gas destruction system unit at Brunner Landfill in New Sewickley Township, **Beaver County**.

*Northwest Region: Air Quality Program, 230 Chestnut Street, Meadville, PA 16335-3481; Contact: Devendra Verma, New Source Review Chief, (814) 332-6940.*

**43-011C: Greenville Metals** (99 Crestview Drive Extension, Transfer, PA 16154) for modification of process limits defined in Air Quality permit no. 43-307-036A (Bldg. 2 EAF and EIF furnaces in Pymatuning Township, **Mercer County**. Greenville Metals is a Title V facility.

**25-395A: ErieZ Manufacturing Company, Inc.** (2200 Asbury Road, Erie, PA 16514) for installation of an HVLP spray gun in each of the two existing paint booths in Erie, **Erie County**.

**10-208C: Paragon Trade Brands, Inc.** (300 Zeigler Street, Harmony, PA 16037) for installation of a training pant manufacturing line at in Harmony Borough, **Butler County**.

*Department of Public Health, Air Management Services: 321 University Avenue, Philadelphia, PA 19104; Contact: Thomas Barsley, Chief, (215) 685-9428.*

**The Children's Hospital of Philadelphia**, 34th Street and Civic Center Boulevard, Philadelphia, PA 19104 for installation of three 800 HP boilers, two 2,000 kW emergency generators and one 600 kW emergency generator in Philadelphia, **Philadelphia County**.

**Sunoco Inc. (R&M)**, 3144 Passyunk Avenue, Philadelphia, PA 19145 for installation of a backup Sulfur Recovery Unit Tail Gas Treatment Unit consisting of a catalytic oxidizer and a scrubber in Philadelphia, **Philadelphia County**.

**Academy Recycling**, 8901 Torresdale Avenue, Philadelphia, PA 19136 for permitting of a 250 HP Concrete Crusher, a 650 HP Tub Grinder and associated equipment in Philadelphia, **Philadelphia County**.

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**Intent to Issue Plan Approvals and Intent to Issue or Amend Operating Permits under the Air Pollution Control Act (35 P. S. §§ 4001—4015) and 25 Pa. Code Chapter 127, Subchapter B. These actions may include the administrative amendments of an associated operating permit.**

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*Southeast Region: Air Quality Program, Lee Park, Suite 6010, 555 North Lane, Conshohocken, PA 19428; Contact: Thomas McGinley, New Source Review Chief, (610) 832-6242.*

**09-0015C: Rohm and Haas Company**, Route 413 and State Road, Bristol, PA, 19007 for construction of a regenerative thermal oxidizer in Bristol Township, **Bucks County**. This is a Title V facility. This thermal oxidizer will replace the methyl methacrylate scrubber, #10 kettle incinerator and #7 kettle scrubber. This installation will result in net decrease in emissions of volatile organic compounds (VOC) by 28.5 tons per year and of oxides of nitrogen (NOx) by 0.57 tons per year. The Plan Approval will require the company to perform stack tests to determine the emission rates of VOC and NOx from the thermal oxidizer. The company will also monitor and continuously record the inlet, combustion chamber and outlet temperature of the thermal oxidizer.

**09-0050: Better Materials Corporation**, P. O. Box 196, Penns Park, PA 189437 for construction of a tertiary crusher and two conveyors in Wrightstown Township,

**Bucks County**. This is a Synthetic Minor facility. The tertiary crusher will have a rated capacity of 275 tons per hour. The company will install a wet suppression system at transfer points to control emissions of particulate matter. This installation will result in net increase in emissions of particulate matter (PM) by 1.0 ton per year. The Plan Approval will require the company to limit hours of operation to 5,000 hours in a consecutive 12-month period. The company will meet all opacity limits set forth in 40 CFR 60.672. The company will also comply with all recordkeeping and reporting requirements specified in 40 CFR 60.676.

**46-0005R: Merck & Co., Inc.**, 770 Sumneytown Pike, P. O. Box 4, West Point, PA 19486-0004, for the installation of a 100 kW natural gas fired emergency generator, located at Merck's facility in Upper Gwynedd Township, **Montgomery County**. The quarry is a major (Title V) facility. The installation of the 100 kW emergency generator will result in emissions of: 0.35 ton per year of nitrogen oxides; 0.81 ton per year of carbon monoxide; and, 95 pounds per year of volatile organic compounds. 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.

**15-0067B: Herr Foods, Inc.** (273 Old Baltimore Pike, Nottingham, PA 19362) for the modification of Potato Chip Fryer No. 3 and its associated natural gas-fired boiler at their facility in West Nottingham Township, **Chester County**. The facility is a synthetic minor facility. This Plan Approval corrects the reported emissions of particulate matter (PM) from Potato Chip Line No. 3, which were reported as 0.02 pound per hour (lb/hr) and 0.07 ton per 12-month rolling sum under Plan Approval PA-15-0067A. The correct emissions of PM from Potato Chip Fryer No. 3 are 0.05 lb/hr and 0.16 ton per 12-month rolling sum. In addition, the fuel usage from the natural gas-fired boiler will also be corrected in this Plan Approval, reflecting a fuel usage of 162.24 MMcf per 12-month rolling sum, an increase from the 133.04 MMcf per 12-month rolling sum, as permitted under Plan Approval PA-15-0067A. The new emission rates for the boiler are as follows: potential emissions of nitrogen oxides shall be less than 3 tons per 12-month rolling sum; potential emissions of carbon monoxide shall be less than 7 tons per 12-month rolling sum; potential emissions of volatile organic compounds, particulate matter and sulfur oxides will each be less than 1 ton per 12-month rolling sum. The Plan Approval and Operating Permit will contain recordkeeping and operating restrictions designed to keep the facility operating within all applicable air quality requirements.

*Northeast Region: Air Quality Program, 2 Public Square, Wilkes-Barre, PA 18711-0790; Contact: James Parette, New Source Review Chief, (570) 826-2531.*

**48-303-006A: A B E Materials—Easton** (Division of Haines and Kibblehouse, Inc., 5137 Lower Mud Run Road, Easton, PA 18040) for modification of an asphalt plant to allow the combustion of alternate fuels, specifically to allow the use of recycled fuel oil, #2 fuel oil and liquefied petroleum gas (LPG); and for the installation of a fabric collector to control emissions from the recycled asphalt pavement (RAP) crusher in Lower Mount Bethel Township, **Northampton County**. The facility is a non-Title V facility. The modification to the asphalt plant will not increase the existing emission rates for the pollutants. The installation of new burner nozzles as part of the modification will actually reduce the actual emission

rates. The modification will provide the facility necessary flexibility with respect to the uncertainty of future fuel costs. The installation of the RAP crusher fabric collector will result in a particulate emission rate not to exceed the Best Available Technology standard of 0.02 grain/DSCFT. The plan approval will include monitoring, reporting and recordkeeping requirements designed to keep the source operating within all applicable air quality requirements.

**40-312-040: Eldorado Properties Corp.** (Petroleum Products Corp., P. O. Box 2621, Harrisburg, PA 17105) for installation of a back-up vapor recovery unit at the Dupont Terminal in Pittston Township, **Luzerne County**. This gasoline terminal is a Title V facility. This installation will result in no change in facility emissions. The plan approval will include all appropriate monitoring, record keeping and reporting requirements designed to keep the source operating within all applicable air quality requirements. The plan approval will be incorporated into the Title V Operating Permit through an Administrative Amendment in accordance with 25 Pa. Code § 127.450.

**45-313-009F: Heico Chemicals, Inc.** (Route 611, P. O. Box 730, Delaware Water Gap, PA 18327) for reconfiguration and addition of chemical production process equipment in Delaware Water Gap Borough, **Monroe County**. This facility is a non-Title V facility. After the reconfiguration and installation of new equipment, the facility will emit less than 5.3 tons per year of VOC emissions. The company will monitor pressure drop and water flow rate to each scrubber and maintain the system in accordance with the good engineering practices to assure proper operation of the system.

**40-310-027B: Reading Materials, Inc.** (P. O. Box 79, 2052 Lucon Road, Skippack, PA 19474) for modification stone crushing plant by adding a tertiary crusher at the plant in Lehman Township, **Luzerne County**. This facility is a non-Title V facility. Fugitive dust will be controlled by the water spray system to the extent that the operation will have no fugitive dust. The company will monitor and visually inspect the process daily during operating hours to ensure all wet suppression equipment is working properly. Any defects will be corrected immediately and the equipment will be operated as per vendor's specifications to assure the compliance with Department regulations.

*Northcentral Region: Air Quality Program, 208 West Third Street, Williamsport, PA 17701; Contact: David Aldenderfer, Program Manager, (570) 327-3637.*

**08-317-006A: Leprino Foods Co.** (217 Yanuzzi Drive, South Waverly, PA 18840) for construction of a whey drying system and whey powder packaging system including one main drying chamber incorporating an 18.0 mmBtu per hour natural gas-fired burner, one fluid bed redryer, one fluid bed cooler, one whey powder receiver, one whey powder mill and sifter, two surge bins, one bulk bag filling system, one inline filler, one surge hopper and associated material conveyance systems at their facility in South Waverly Borough, **Bradford County**.

The air contaminant emissions from the main drying chamber will be controlled by two C. E. Rogers inertial cyclone collectors operating in parallel followed by an Evaporator Dryer Tech Inc. Venturi spray tower scrubber. The air contaminant emissions from the fluid bed redryer and fluid bed cooler shall be controlled by an EDT model 10 pulse jet fabric collector. The particulate air contaminant emissions from the whey powder receiver shall be controlled by a C. E. Rogers (no model number) pulse-jet fabric collector. The air contaminant emissions from the

two whey powder receiver surge bins shall be controlled by two NU-CON model NCBV-36-25-2T reverse pulse jet fabric collectors, one on each surge bin. The air contaminant emissions from the surge hopper shall be controlled by a NU-CON model NCBV-36-9-2T reverse pulse jet fabric collector. The air contaminant emissions from the inline filler and the bulk bag filling system shall be controlled by a Donaldson/DCE model DCEF 2,095 reverse pulse jet fabric collector. The air contaminant emissions from the bulk bag filling system shall additionally be controlled by a NU-CON model NCBV-36-9-3T reverse pulse jet fabric collector.

The Venturi spray tower scrubber exhaust is expected to emit approximately 10.27 tons per year particulate matter, 12.48 tons per year carbon monoxide, 2.05 tons per year nitrogen oxides and 0.37 ton per year volatile organic compounds. The fabric collectors are expected to emit (in total) particulate matter emissions of approximately 8.04 tons per year.

The Department has determined that the proposed whey drying and whey powder packaging systems will comply with all applicable regulatory requirements pertaining to air contaminant sources and the emission of air contaminants including the best available technology requirements of 25 Pa. Code §§ 127.1 and 127.12. The Department consequently intends to issue a plan approval for the construction of the respective whey drying and whey powder packaging systems. Additionally, if the Department determines that the whey drying and whey powder packaging systems are operating in compliance with all applicable plan approval conditions and regulatory requirements following the construction of the whey drying and whey powder packaging systems, the conditions established in this plan approval will be incorporated into State Only Operating Permit 08-00007 via administrative amendment under 25 Pa. Code § 127.450.

The Department intends to place conditions in the plan approval to be issued pertaining to the operation and monitoring of the equipment. These conditions are intended to assure proper operation of the equipment as well as compliance with all applicable air quality regulatory requirements. The following is a summary of these conditions:

1. The Venturi spray tower scrubber exhaust shall not exceed 0.01 grain per dry standard cubic foot.
2. The exhaust from each fabric collector shall not exceed 0.01 grain per dry standard cubic foot.
3. All material conveyance systems, including the conveyor from the main drying chamber to the fluid bed redryer, shall be completely enclosed at all times of operation. Additionally, the whey powder mill and sifter shall be completely enclosed during all times of operation.
4. The Venturi spray tower scrubber shall operate at a minimum scrubbing solution recirculation rate of 150.0 gallons per minute and at a minimum pressure drop of 4.0 inches of water.
5. The concentration of solids in the Venturi spray tower scrubber recirculating solution shall not exceed 18.0% at any time.
6. The exhaust from the whey dryer burner (as measured at the burner exhaust prior to the main drying chamber) shall not emit nitrogen oxides (NOx) in excess of 25 ppm corrected to 3% oxygen, dry basis.
7. The Venturi spray tower scrubber shall be equipped with flow monitoring equipment capable of monitoring the scrubbing solution recirculating flow rate on a continuous basis.

8. Equipment having a minimum accuracy of +/- 0.2% solids shall be used to monitor the solids concentration of the recirculating solution of the Venturi spray tower scrubber.

9. The Venturi spray tower scrubber shall be equipped with instrumentation to monitor the differential pressure across the scrubber on a continuous basis.

10. The recirculating solution solids concentration, recirculating solution flow rate and differential pressure of the Venturi spray tower scrubber shall be recorded in a log book at least once for every 8 hours of scrubber operation.

11. The permittee shall conduct stack testing on the Venturi spray scrubber exhaust to determine compliance with the particulate matter emission limit. The stack testing shall consist of an average of three test runs and shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139 while the whey drying system is operating at full capacity.

**08-318-027C: Mill's Pride—Pennsylvania** (100 Lamoka Road, Sayre, PA 18840) for plan approval to modify two 28,700,000 BTU per hour natural gas/woodwaste fired boilers and to install an electrostatic precipitator in Athens Township, **Bradford County**. Following modification these boilers may potentially emit an additional 23 tons per 12 consecutive month period of nitrogen oxides and an additional 69 tons per 12 consecutive month period of carbon monoxide. A preliminary review of the information submitted by Mill's Pride—Pennsylvania indicates that the boilers will meet all applicable air quality requirements including the best available technology provisions of 25 Pa. Code §§ 127.1 and 127.12 and Subpart Dc of the Federal Standards of Performance for New Stationary Sources, 40 CFR 60.40c—60.48c. Based on this finding, the Air Quality Program intends to approve the application and issue a plan approval to modify the boilers and install the electrostatic precipitator. Additionally, if the Department determines that the boilers are operating in compliance with all applicable plan approval conditions and regulatory requirements, the conditions established in the plan approval will be incorporated into an operating permit via administrative amendment in accordance with 25 Pa. Code § 127.450.

In order to ensure compliance with all applicable air quality standards, the Department proposes to place the following conditions in the respective plan approval:

1. This plan approval is issued for the modification of two 28.7 million BTU per hour Hurst Boiler and Welding Company #M-4,000 natural gas/wood waste fired boilers, said modification consisting of a 23 ton per 12 consecutive month period increase in nitrogen oxide emissions and a 69 ton per 12 consecutive month period increase in carbon monoxide emissions.

2. This plan approval is also issued for the installation of a PPC Industries model XH-1212-2S dry, single-stage electrostatic precipitator for the control of particulate matter emissions from the two boilers. The electrostatic precipitator shall be equipped with monitors and recorders for the following:

- primary voltage
- primary current
- secondary voltage
- secondary current
- spark rate

Records of these parameters shall be maintained onsite for at least 5 years and shall be made available to the Department upon request.

The electrostatic precipitator shall be equipped with two transformer/rectifier sets and each set shall provide not less than 183.3 kilovolt-amps of power.

The electrostatic precipitator shall be located downstream of the existing air cleaning systems for both boilers. Both existing air cleaning systems consist of two multi-clones in series. In both cases, the primary multi-clone is a Hurst Boiler and Welding Company, Inc. #12k-1CT and the secondary multi-clone is a Hurst Boiler and Welding Company, Inc. #6UP-44T.

3. The two boilers shall utilize staged combustion and flue gas recirculation as nitrogen oxide reduction techniques. Additionally, each of the boilers shall be equipped with oxygen monitors as described in the application and supplemental materials submitted for Plan Approval 08-318-027 and each of the boilers shall comply with the following emission limitations:

<i>Contaminant</i>	<i>Emission Limitation (pounds per million BTU)</i>
Nitrogen oxides (expressed as NO <sub>2</sub> )	0.21
Carbon monoxide	0.30
Sulfur oxides	0.0098
Volatile organic compounds (VOCs)	0.012
Particulate matter	0.2 (after control)

4. The total combined air contaminant emissions from the entire facility shall never exceed the following emission limitations:

<i>Contaminant</i>	<i>Emission Limitation (tons per 12 consecutive month period)</i>
Particulate matter	128.34
Volatile organic compounds (VOCs)	32.9 S
sulfur oxides	2.53N
nitrogen oxides (expressed as NO <sub>2</sub> )	60.6
Carbon monoxide	77.7 E
each individual hazardous air pollutant	less than 10
Total combined hazardous air pollutants	less than 25

5. The company need not run the electrostatic precipitator when the boilers are being operated as follows:

- the boilers are being fired only on natural gas; and
- there is no woodwaste fuel remaining in the boiler fireboxes.

This condition does not in any way relieve the company from complying fully with the particulate matter emission limitation specified in Condition 3 herein or the opacity limitations of 25 Pa. Code § 123.41.

6. The two boilers shall be fired on either natural gas or kiln dried wood waste with a particleboard content of not greater than 5% by weight except that a mixture of green wood waste and kiln dried wood waste may be fired provided the following conditions are met:

- a. The green wood waste content of the mixture shall not exceed 30% by weight.

b. The total firing time of this mixture shall not exceed 336 hours in any 12 consecutive month period, combined, for both boilers, that is, if both boilers are ever fired simultaneously with the green wood waste mixture each hour of simultaneous firing shall count as 2 hours.

7. The company shall maintain records of individual fuel usages for each boiler on a monthly basis.

8. Within 90 days of startup of the electrostatic precipitator the company shall test each of the two boilers for nitrogen oxides, carbon monoxide, particulate matter and opacity.

*Southwest Region: Air Quality Program, 400 Waterfront Drive, Pittsburgh, PA 15222-4745; Contact: William Charlton, New Source Review Chief, (412) 442-4174.*

**04-497A: Tuscarora, Inc.** (800 Fifth Avenue, New Brighton, PA 15066) for modification of their facility in New Brighton, **Beaver County**.

The proposed modification is subject to the applicable requirements of 25 Pa. Code and the Department believes that the facility will meet these requirements by complying with the following Plan Approval conditions:

1. The facility is to be constructed in accordance with the plans submitted with the application (as approved herein).

2. Upon completion of the construction of the facility, an operating permit must be obtained. Notify the Department when the installation is completed so that the facility can be inspected for issuance of an operating permit.

3. This plan approval authorizes Tuscarora Incorporated to increase their VOC emissions to a maximum of 97.2 tons per 12 consecutive month period at their Blockhouse Run Road facility located in New Brighton Borough, Beaver County.

4. Total VOC emissions shall include the pentane emissions resulting from the processing of all expandable resins and VOC emissions resulting from the usage of all other VOC-containing materials.

5. Pentane content of expandable polystyrene resins shall not exceed 4.5%, based on a 30-day rolling average, calculated on a resin-weighted basis.

6. Pentane content of expandable ARCEL resins shall not exceed 8.5%, based on a 30-day rolling average, calculated on a resin-weighted basis.

7. Permittee shall keep daily records of the amount of each expandable resin that is used and the pentane content of each expandable resin formulation that is used.

8. Annual year-to-date VOC emissions shall be totaled each day.

a) Pentane emissions shall be calculated each day using the following formula:

Fraction Pentane in Resin x Resin Usage x Loss Factor = Pentane Emission

b) Annual year-to-date pentane emissions shall be calculated by adding together all the daily pentane emissions.

c) Annual year-to-date VOC emissions shall be calculated by adding daily pentane emissions, along with any additional VOC emissions resulting from the usage of any other VOC-containing materials.

d) Permittee shall use a Loss Factor of 0.97 (assumes 97% pentane loss) for EPS resins and a Loss Factor of

0.94 (assumes 94% pentane loss) for ARCEL resins unless the Department approves the use of another Loss Factor.

9. This Plan Approval authorizes temporary operation of the sources and/or the pollution control devices covered by this Plan Approval provided the following conditions are met:

a) The Department must receive written notice from the owner or operator of when the Operator expects to commence operation of the sources and/or the pollution control devices.

b) Operation is authorized only to facilitate the startup and shakedown of sources and/or pollution control devices, to permit operations pending the issuance of an Operating Permit or to permit the evaluation of the sources and/or the pollution control devices for compliance with all applicable regulations and requirements.

c) This condition authorizes temporary operation of the sources and/or the pollution control devices for a period of 180 days from the date of commencement of operation, provided the Department receives notice from the owner or operator under Subpart (a).

d) The owner or operator 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 reason compliance has not been established.

e) The notice submitted by the owner or operator 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 start-up of the sources and/or the pollution control devices.

*Northwest Region: Air Quality Program, 230 Chestnut Street, Meadville, PA 16335-3481; Contact: Devendra Verma, New Source Review Chief, (814) 332-6940.*

**24-0131D: SGL Carbon, LLC** (900 Theresia Street, St. Marys, PA 15857) for the installation of a baghouse and construction of a bulk loading station for Building 600 machining operations in St. Marys, **Elk County**. The facility currently has a Title V permit No. 24-00131. 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 result in no increase in emissions.

**10-021J: Indspec Chemical Corporation** (133 Main Street P. O. Box 307 Petrolia, PA 16050), located in Petrolia Borough, **Butler County** for the minor modification of the fan design and airflow rate for the scrubber on the resin hold tank with a restriction on hours of tank operation and an associated resin production limit. The permit change increases emissions of particulate by 0.87#/hr and 2.78 TPY (based on the operational permit limit of 6,400 hours per year) at the facility. The permit contains limitations pertaining to fugitive, odor, visible and particulate emissions and requires stack testing to verify compliance with the particulate emission rate. 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. The facility currently has Title V Operating Permit No. 10-00021. 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.

**Intent to Issue Operating Permits under the Air Pollution Control Act (35 P. S. §§ 4001—4015) and 25 Pa. Code Chapter 127, Subchapter F.**

*Southcentral Region: Air Quality Program, 909 Elmerton Avenue, Harrisburg, PA 17110; Contact: Leif Ericson, Program Manager, (717) 705-4702.*

**01-03016: Dal-Tile Corp.** (211 North Fourth Street, Gettysburg, PA 17325-1694) for operation of its ceramic floor and wall tile products facility in Straban Township, **Adams County**. The facility has the potential to emit 62 tons per year of sulfur oxides, 29 tons per year of carbon monoxide, 14 tons per year of particulate matter, 5 tons per year of nitrogen oxides, 4 tons of volatile organic compounds and 4 tons per year of hydrogen fluoride (all after control). The Natural Minor operating permit shall contain additional testing, monitoring, record keeping and reporting requirements, emission restrictions and work practice standards designed to keep the facility operating within all applicable air quality requirements.

**06-05083: Williams Metal Finishing, Inc.** (P. O. Box 2029, Sinking Spring, PA 19608) for a metal finishing facility controlled by various fabric collectors and a refrigerated chiller in Sinking Spring Township, **Berks County**. The facility is a non-Title V (State only) facility. The plant's potential emissions will be limited to less than 50 tons per year of VOC, 10 tons of any one HAP or 25 tons of total HAPs per year and 100 tons per year of particulate. The facility will be required to record the coating usage and calculate the emissions monthly. Limits will be placed on the VOC content of the coatings used on the coating lines. The permit will include monitoring, recordkeeping and reporting requirements designed to keep the facility operating within all applicable air quality requirements.

**36-03014: Burnham Corp.** (1237 Harrisburg Pike, Lancaster, PA 17603) for operation of its Fruitville Pike Boiler Plant in Manheim Township, **Lancaster County**. The primary emissions from the sources are oxides of nitrogen (NOx) and volatile organic compounds and the actual emissions are about 5 tons per year each. The Natural Minor Operating Permit shall contain additional testing, monitoring, record keeping and reporting requirements, emission restrictions and work practice standards designed to keep the facility operating within all applicable air quality requirements.

**67-03063: Advanced Recycling Technology, Inc.** (340 South Broad Street, Hallam, PA 17406) for operation of an industrial dryer controlled by a wet scrubber in Hallam Borough, **York County**. The estimated potential emission of particulate matter from the operation is 2 tons per year based on 6,000 hours. The Natural Minor Operating Permit shall contain additional testing, monitoring, record keeping and reporting requirements, emission restrictions and work practice standards designed to keep the facility operating within all applicable air quality requirements.

*Northcentral Region: Air Quality Program, 208 West Third Street, Williamsport, PA 17701; Contact: David Aldenderfer, Program Manager, (570) 327-3637.*

**60-318-010: Nickelson Plastics, Inc.** (100 Industrial Way, Osceola, WI 54020-0459) for the operation of a metal parts PVC coating operation at its facility located on Route 192 in Buffalo Township, **Union County**.

The PVC coating operation consists of a wash line, a primer spray coating booth and a PVC dip coat line incorporating a propane-fired oven, a plastisol dip tank and an electrically-heated salt bath. The operation of the PVC coating operation will result in the emission of up to 8.81 tons of volatile organic compounds per 12 consecutive month period, of which up to .23 ton could be hazardous air pollutants.

The Department has determined that the respective PVC coating line was constructed and is operating, in conformance with all conditions of Plan Approval 60-318-010, which was issued by the Department on April 19, 2000, as well as with all applicable regulatory requirements including the best available technology requirements of 25 Pa. Code §§ 127.1 and 127.12. The Department consequently plans to issue an operating permit for the PVC coating operation.

The Department intends to place conditions in the operating permit to be issued which are intended to assure proper operation of the PVC coating operation and continued compliance with all applicable regulatory requirements and plan approval conditions. The following is a summary of these conditions:

1. The total combined volatile organic compound emission from all sources incorporated in the PVC coating operation shall not exceed 8.81 tons per 12 consecutive month period of which no more than .23 ton shall be hazardous air pollutants.

2. The total combined volatile organic compound emissions from the PVC dip coat line shall not exceed 8.16 tons per 12 consecutive month period.

3. The total combined volatile organic compound emissions from the wash line and primer spray coating booth shall not exceed .65 ton per 12 consecutive month period of which no more than .23 ton shall be hazardous air pollutants.

4. No more than 81,600 gallons of plastisol shall be used per 12 consecutive month period.

5. The opacity of the exhaust from the stacks associated with the PVC dip coat line shall not exceed 5% at any time.

6. Only additives identified in the plan approval application may be used in the wash line.

7. The primer spray coating booth shall be equipped with a full set of overspray filters and the only method of coating application shall be high volume low pressure spray guns.

8. The volatile organic compound content of the coating applied in the primer spray coating booth shall not exceed 2.30 pounds per gallons (minus water) as applied.

9. No volatile organic compound-containing materials shall be used to clean equipment associated with the primer spray coating booth.

10. Records shall be maintained of the type and amount of additives added to the wash solution used in the wash line each month, the type and amount of additives added to the sealant/rinse solution used in the wash line each month, the type and amount of primer used each month and the type and amount of plastisol used each month. All records shall be retained for at least 5 years and shall be shown to the Department upon request.

*Northwest Region: Air Quality Program, 230 Chestnut Street, Meadville, PA 16335-3481; Contact: Eric Gustafson, Facilities Permitting Chief, (814) 332-6940.*



**37-00152: Dixon Ticonderoga Co./New Castle Refractories** (915 Industrial St., New Castle, PA 16102) Natural Minor operating permit for the manufacture of custom silicon-carbide refractory in the City of New Castle, **Lawrence County**.

**20-00268: Tedes Co./Gizzie Memorials** (614 Baldwin St., Meadville, PA 16335) Natural Minor operating permit for the operation of a crematory in the City of Meadville, **Crawford County**.

**33-00145: Huntington Foam Corporation** (P. O. Box 248, 11, Industrial Park Dr. Brockway, PA 15824) for a Synthetic Minor Permit to operate a miscellaneous manufacturing facility located in Brockway, **Jefferson County**. The facility accepted a restriction on emission of VOC (Volatile Organic Compound) to become a Synthetic Minor facility.

#### 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 before 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 before 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.

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**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)).**

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#### WATER OBSTRUCTIONS AND ENCROACHMENTS

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

**E51-198. Schuylkill Center for Environmental Education**, 8480 Hagys Mill Road, Philadelphia, PA 19128, City of Philadelphia, **Philadelphia County**, ACOE Philadelphia District.

To construct and maintain an impoundment associated with the construction of the proposed Springhouse Pond Education Loop across two unnamed tributary to the Schuylkill River (WWF). The applicant also seeks Environmental Assessment approval to construct the on-stream nonjurisdictional dam associated with this dam. The Project will impact approximately 110 linear feet of the stream. The site is located approximately 3,000 feet northeast of the intersection of Port Royal Avenue and River Road (Norristown, PA USGS Quadrangle N: 10.0 inches; W: 0.1 inch).

**E46-902. Worcester Township**, 1721 Valley Forge Road, P. O. Box 767, Worcester, PA 19490, Worcester Township, **Montgomery County**, ACOE Philadelphia District.

To replace, construct and maintain the Grange Avenue Bridge, which crosses an unnamed tributary to Skippack Creek (TSF). The project involves the replacement of the existing, single span, concrete, I-beam Bridge. The proposed structure will consist of a 30-foot in length, 28-foot span, 8-feet of under-clearance. The project will impact 0.052 acre of wetland associated with fill in the approaches. Other work includes the modification and extension of a 15-inch stormwater outfall structure. The site is located 200 feet southwest of the intersection of Grange Avenue and Water Street (Collegeville, PA Quadrangle 11.7 inches North and 3.1 inches West).

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

**E45-421. Blue Mountain Lake Associates, Inc.**, 1 Blue Mountain Lake, East Stroudsburg, PA 18301, in Stroud Township, **Monroe County**, U. S. Army Corps of Engineers, Philadelphia District.

To maintain a road crossing consisting of a 36-inch diameter culvert in a tributary to Brodhead Creek (HQ-CWF) and to construct and maintain a stormwater outfall channel in the floodways of a tributary to Brodhead Creek. The projects are located in Blue Mountain Lake - Phase 9, approximately 0.5 mile northeast of S.R. 0446 (East Stroudsburg, PA, Quadrangle N: 7.1 inches; W: 11.0 inches).

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

**E06-560. Deborah Hoag**, Spring Township, 2800 Shilington Road, Reading, PA 19608 in Spring and Lower Heidelberg Townships, **Berks County**, Philadelphia District.

To remove the existing structure and to construct and maintain (1) a 9.84-foot by 4.92-foot concrete box culvert at the channel of an unnamed tributary to Cacoosing Creek on Reedy Road located about 900 feet south of its intersection with Evans Hill Road; (2) a new bridge with a clear span of 77 feet and a minimum underclearance of 4.2 feet across Cacoosing Creek in order to realign Reedy Road; and (3) an 18-inch diameter outfall pipe within the 100-year floodway of Cacoosing Creek (Sinking Spring, PA Quadrangle N: 16.5 inches; W: 2.38 inches; N: 17.0

inches; W: 2.06 inches and N: 17.15 inches; W: 2.05 inches) in Spring and Lower Heidelberg Townships, Berks County.

*Northcentral Region: Water Management Program Manager, 208 West Third Street, Williamsport, PA 17701, (570) 327-3636.*

**E14-411. Joseph and Elaine Skidel**, 142 Greyhound Lane, Port Matilda, PA 16870. Shadyside Kennels Bridge, in Worth Township, **Centre County**, ACOE Baltimore District (Port Matilda, PA Quadrangle N: 17.61 inches; W: 5.13 inches).

To relocate and maintain 500 feet of an unnamed tributary to Ardery Hollow located 2 miles up Ardery Road from SR 220. The unnamed tributary to Ardery Hollow is a Cold Water Fishery.

*Southwest Region: Water Management Program Manager, 400 Waterfront Drive, Pittsburgh, PA 15222-4745.*

**E02-1361. City of Pittsburgh**, Room 301 City County Building, 414 Grant Street, Pittsburgh, PA 15219-2455. City of Pittsburgh, **Allegheny County**, ACOE Pittsburgh District.

To reconstruct and maintain two pedestrian bridge crossings across Saw Mill Run (WWF). The first bridge is the Overbrook Bridge with a span of 65 feet and minimum underclearance of approximately 6.6 feet. The second bridge is the Inglewood Bridge with a span of 100 feet and minimum underclearance of 7.4 feet. The Inglewood Bridge is located along Route 51 across from Englert Street, the Overbrook Bridge is located approximately 0.21 mile south also along Route 51 across from Overbrook Street. The bridges will be used for access to and from the Light Rail Transit (LRT) and Route 51. (Pittsburgh East, PA Quadrangle N: 2.7 inches; W: 17.1 inches).

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

**E10-343. Butler Auto Auction**, 21095 Route 19, Cranberry Township, PA 16066. Butler Auto Auction Overflow Vehicle Storage Facility, in Jackson Township, **Butler County**, ACOE Pittsburgh District (Evans City, PA Quadrangle N: 1.9 inches; W: 15.9 inches).

To fill a total of 0.67 acre of wetland, a small pond and the channels of tributaries to Brush Creek having contributory drainage areas less than 100 acres for site grading associated with construction of parking areas for storage of vehicles from the Butler Auto Auction north of S.R. 528 approximately 0.5 mile east of S.R.19. Project proposes compensation for the permanent wetland impact through the breach and modification of a 0.85 acre pond to create 0.43 acre of wetland, streambank protection along approximately 1,200 feet of a tributary to Brush Creek and implementation of a manure management plan for the adjoining rat farm operation.

**E20-511. Dale E. and Jill M. Gillette**, 12456 State Highway 198, Conneautville, PA 16406. Gillette Bridge Across Foster Run, in Summerhill Township, **Crawford County**, ACOE Pittsburgh District (Linesville, PA Quadrangle N: 22.5 inches; W: 1.25 inches).

To construct and maintain a steel beam bridge having a clear span of 28 feet and an underclearance of 6 feet across Foster Run on a private driveway extending south from S.R. 4003 (Linesville-Conneautville Road) approximately 1 mile west of S.R. 18.

**E25-640. Pennsylvania Department of Transportation**, District 1-0, 255 Elm Street, P. O. Box 398, Oil City,

PA 16301. SR 0099, Segment 0200, Offset 1965 Across tributary to Lamson Run, in McKean and Washington Townships, **Erie County**, ACOE Pittsburgh District (Edinboro, PA Quadrangle N: 18.7 inches; W: 10.6 inches).

(Arch Culvert)

To install streambed paving in the invert and maintain the existing 140-foot-long, 6-foot-wide by 4.5-foot-high corrugated metal pipe arch stream enclosure in a tributary to Lamson Run on SR 0099, Segment 0200, Offset 1965 approximately 1.75 miles north of SR 3014.

#### ENVIRONMENTAL ASSESSMENTS

*Central Office: Bureau of Waterways Engineering, Rachel Carson State Office Building, Floor 3, 400 Market Street, Harrisburg, PA 17105.*

**EA63-003CO. F. Daniel Caste**, Bower Hill Development Group, P. O. Box 10360, Pittsburgh, PA 15234. Peters Township, **Washington County**, ACOE Pittsburgh District.

To construct a nonjurisdictional dam in the watershed of a tributary to Peters Creek (TSF) for stormwater management at the proposed Woodlands of Peters Township, Bower Hill Development, Inc., impacting approximately 0.07 acre of wetland (PEM). The applicant has proposed making a contribution to the Pennsylvania Wetland Replacement Fund in lieu of constructing replacement wetlands. The dam will be located approximately 1,500 feet northeast of the intersection of Bower Hill Road (SR 62051) and McCombs Road (Bridgeville, PA Quadrangle, N: 2.55", W: 9.15").

**EA40-005CO. Joseph Thomas**, Evergreen Hills Estates, Inc., 57 North Mountain Boulevard, Mountaintop, PA 18707. Wright Township, **Luzerne County**, ACOE Baltimore District.

To modify an existing nonjurisdictional dam adjacent to Big Wapwallopen Creek (CWF) for stormwater management at the proposed Evergreen Hill Estates residential subdivision. The dam is located approximately 1,300 feet west of the intersection of Evergreen Lake Drive and Grove Street (Wilkes-Barre, West, PA Quadrangle, N: 2.5", W: 5.6").

#### ACTIONS

### FINAL ACTIONS TAKEN UNDER THE 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 (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.

**I. Municipal and Industrial Permit 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. PA0056707**, Industrial Waste, **Alex C. Fergusson, Inc.**, 25 Spring Mill Drive, Frazer, PA 19355. This proposed facility is located in Charlestown Township, **Chester County**.

Description of Proposed Action/Activity: Renewal of a NPDES Permit to discharge in Cedar Hollow, a tributary to Valley Creek.

**NPDES Permit No. PA0053589**, Sewage, **Buckingham Lumber and Millwork**, 4469 Upper Mountain Road, P. O. Box 307, Buckingham, PA 18912. This proposed facility is located in Buckingham Township, **Bucks County**.

Description of Proposed Action/Activity: Renewal of a NPDES Permit to discharge into Mill Creek

**NPDES Permit No. PA0056677**, Sewage, **Steve and Caroline Macri**, 6768 Point Pleasant Pike, New Hope, PA 18938. This proposed facility is located in Plumstead Township, **Bucks County**.

Description of Proposed Action/Activity: Renewal of a NPDES Permit to discharge into an unnamed tributary to Geddes Run.

**NPDES Permit No. PA0056481**, Sewage **Walter Clee, Oak Grove Country Inn**, 6755 Easton Road, Pipersville, PA 18947. This proposed facility is located in Bedminster Township, **Bucks County**.

Description of Proposed Action/Activity: Renewal of a NPDES Permit to discharge in a dry swale to an unnamed tributary to Cabin Run-2D Watershed. The following notice reflects changes to the notice published in the May 12, 2001, *Pennsylvania Bulletin*:

A new Outfall 002 is included to discharge groundwater from the underdrain system serving sewage treatment plant. The discharge limit for fecal coliform is 200-colonies/100 ml as a geometric average.

**NPDES Permit No. PA0055671**, Sewage, **Worcester Township**, 1721 Valley Forge Road, P. O. Box 767, Worcester, PA 19490. This proposed facility is located in Worcester Township, **Montgomery County**.

Description of Proposed Action/Activity: Renewal of a NPDES Permit to discharge into an unnamed tributary to Skippack Creek-3E.

**NPDES Permit No. PA0053929**, Sewage, **Barryway Enterprises, Inc.** c/o Bubba's Pot Belly Stove, 1485 Route 309, Quakertown, PA 18951-1803. This proposed facility is located in Springfield Township, **Bucks County**.

Description of Proposed Action/Activity: Renewal of an NPDES Permit to discharge into tributary of Tohickon Creek-2D.

**NPDES Permit No. PA0050407**, Sewage, **Sewage Bryn Mawr Rehabilitation Hospital**, 414 Paoli Pike, Malvern, PA 19335. This proposed facility is located in Willistown Township, **Chester County**.

Description of Proposed Action/Activity: Renewal of an NPDES Permit to discharge into tributary to Ridley Center-3G.

**WQM Permit No. 1501408**, Sewerage, **Unionville Chadds Ford School District**, 740 Unionville Road, Kennett Square, PA 19348. This proposed facility is located in Pennsbury Township, **Chester County**.

Description of Proposed Action/Activity: Approval for modifications to Hillendale Elementary School's wastewater treatment plant.

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

**NPDES Permit No. PA-0061841**, Industrial Waste, **Pennsylvania American Water Company**, 800 West Hersheypark Drive, P. O. Box 888, Hershey, PA 17033-0888. This proposed facility is located in Carbondale Township, **Lackawanna County**.

Description of Proposed Action/Activity: to renew an NPDES to discharge treated industrial waste into Racket Brook.

**WQM Permit No. 3901403**, Sewerage, **Upper Saucon Township Municipal Authority**, 5500 Camp Meeting Road, Center Valley, PA 18034-9444. This proposed facility is located in Upper Saucon Township, **Lehigh County**.

Description of Proposed Action/Activity: Granted approval for construction of a sewage pump station and collection system to serve the Stabler Business Park East.

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

**NPDES Permit No. PA0033111**, Sewage, **Dennis Cramer**, Oak Creek Campground, Inc., P. O. Box 128, Bowmansville, PA 17507. This proposed facility is located in Brecknock Township, **Lancaster County**.

Description of Proposed Action/Activity: Authorization to discharge to Rock Run in Watershed 7-J.

**WQM Permit No. 2101402**, Sewerage, **Richard Astheimer**, F.R. Acquisitions, Inc., 200 Philips Road, Exton, PA 19341-1326. This proposed facility is located in Dickinson Township, **Cumberland County**.

Description of Proposed Action/Activity: Construction/Operation of Sewage Treatment Facilities, Subsurface Absorption Area and Pump Stations.

**WQM Permit No. 0501405**, Sewerage, **Seth Stoltzfus**, 138 Christian Light Road, Bedford, PA 15522. This proposed facility is located in Bedford Township, **Bedford County**.

Description of Proposed Action/Activity: Construction/Operation of Sewage Treatment Facilities for their single family residence.

**WQM Permit No. 0701404**, Sewerage, **Alfred E. Peterman**, R. D. 3, Box 486F, Tyrone, PA 16686. The proposed facility is located in Snyder Township, **Blair County**.

Description of Proposed Action/Activity: Construction/Operation of Sewage Treatment Facilities for their single family residence.

**NPDES Permit No. PA0246352**, Industrial Waste, **Richard Mitsifer**, All American Plaza, Inc., P. O. Box 302, Bethel, PA 19507. This proposed facility is located in Bethel Township, **Berks County**.

Description of Proposed Action/Activity: Authorization to discharge to unnamed tributary to Crosskill Creek.

**WQM Permit No. PA0088951**, Industrial Waste, **Joseph P. James**, Speedway Oil Company, 1392 Ben Franklin Highway East, Douglassville, PA 19518. This proposed facility is located in Amity Township, **Berks County**.

Description of Proposed Action/Activity: Authorization to discharge to Schuylkill River.

**NPDES Permit No. PA0086916**, Industrial Waste, **Gerald L. Wolfe**, Wolfe's Auto Service, 3063 Lebanon Road, Manheim, PA 17545-8941. This proposed facility is located in Rapho Township, **Lancaster County**.

Description of Size and Scope of Proposed Operation/Activity: Authorization to discharge to Shearer's Creek in Watershed 7-G.

**WQM Permit No. PA0084816**, Industrial Waste, **Alfred Gomez**, Sun Pipeline Company, 1801 Market Street, 15/10 PC, Philadelphia, PA 19103-1699. This proposed facility is located in Spring Township, **Berks County**.

Description of Size and Scope of Proposed Operation/Activity: Authorization to discharge to Cacoosing Creek in Watershed 3-C.

*Southwest Region: Water Management Program Manager, 400 Waterfront Drive, Pittsburgh, PA 15222-4745.*

**NPDES Permit No. PA0000558**, Industrial, **TrizecHahn Gateway, LLC**, Two Gateway Center, Suite 400, Pittsburgh, PA 15222 is authorized to discharge from a facility located at Gateway Center, City of Pittsburgh, **Allegheny County** to receiving waters named Allegheny River.

**NPDES Permit No. PA0001562**, Industrial, **Wheeling Pittsburgh Steel Corporation**, 1134 Market Street, Wheeling, WV 26003 is authorized to discharge from a facility located at Allenport Plant, Allenport Borough, **Washington County** to receiving waters named Monongahela River.

**NPDES Permit No. PA0002917**, Industrial, **Allegheny Energy Supply Company, LLC**, 4350 Northern Pike, Monroeville, PA 15146-2841 is authorized to discharge from a facility located at Armstrong Power Station, Washington Township, **Armstrong County** to receiving waters named Allegheny River (Outfalls 001, 003, 006—011, 013 and 014) and unnamed tributaries to Allegheny River (Outfalls 004 and 012).

**NPDES Permit No. PA0024864**, Sewage, **Ligonier Borough**, Town Hall, 120 East Main Street, Ligonier, PA 15658 is authorized to discharge from a facility located at Ligonier Borough Sewage Treatment Plant, Ligonier Borough, **Westmoreland County** to receiving waters named Mill Creek.

**NPDES Permit No. PA0031313**, Sewage, **Brownsville Area School District**, 6353 National Pike, Grindstone, PA 15442 is authorized to discharge from a facility located at Colonial Elementary School Sewage

Treatment Plant, Redstone Township, **Fayette County** to receiving waters named unnamed tributary of Colvin Run.

**NPDES Permit No. PA0038792**, Sewage, **Adams Township Municipal Authority**, P. O. Box 265, Sidman, PA 15955-0265 is authorized to discharge from a facility located at Village of Mine 42 STP, Adams Township, **Cambria County** to receiving waters named unnamed tributary of Paint Creek.

**NPDES Permit No. PA0092045**, Sewage, **Stanton Enterprises, Inc.**, 127 West Byers Avenue, New Stanton, PA 15672 is authorized to discharge from a facility located at Stanton Enterprises STP, Dunbar Township, **Fayette County** to receiving waters named unnamed tributary of Gist Run.

**NPDES Permit No. PA0095346**, Sewage, **William Fiore, Owner**, Rolling Hills Village Mobile Home Park, 001 Oak Drive, Buena Vista, PA 15018 is authorized to discharge from a facility located at Rolling Hill Village Mobile Home Park STP, Elizabeth Township, **Allegheny County** to receiving waters named Youghiogheny River.

**NPDES Permit No. PA0096512**, Sewage, **Mt. Morris Water and Sewer Authority**, P. O. Box 340, Mt. Morris, PA 15349 is authorized to discharge from a facility located at Mt. Morris Wastewater Treatment Plant, Perry Township, **Greene County** to receiving waters named Dunkard Creek.

**NPDES Permit No. PA0097799**, Sewage, **Jerry F. Smith**, 1001 Clubhouse Drive, Donegal, PA 15628 is authorized to discharge from a facility located at Laurel Highlands Campland STP, Donegal Township, **Westmoreland County** to receiving waters named Minnow Run.

**NPDES Permit No. PA0205524**, Sewage, **Amy C. Smeltzer**, 297 Ford City Road, Freeport, PA 16229 is authorized to discharge from a facility located at Smeltzer Single Residence STP, South Buffalo Township, **Armstrong County** to receiving waters named unnamed tributary of Hill Run.

**NPDES Permit No. PA0217450**, Sewage, **Monica Meehan**, 5390 West Pike Street, Export, PA 15632 is authorized to discharge from a facility located at Meehan Small Flow Sewage Treatment Plant, Salem Township, **Westmoreland County** to receiving waters named unnamed tributary of Whitethorn Creek.

**NPDES Permit No. PA0218928**, Sewage, **Cadogan Township**, P. O. Box 309, Cadogan, PA 16212 is authorized to discharge from a facility located at Cadogan Township Sewage Treatment Plant, Cadogan Township, **Armstrong County** to receiving waters named Glade Run.

**NPDES Permit No. PA0218944**, Sewage, **Franklin Fayette Sewer Authority**, 353 Town and Country Road, Vanderbilt, PA 15486 is authorized to discharge from a facility located at Franklin Fayette Sewer Authority WWTF, Franklin Township, **Fayette County** to receiving waters named Redstone Creek.

**NPDES Permit No. PA0219061**, Sewage, **Blaine Township**, 40 Main Street, P. O. Box 128, Taylorstown, PA 15365 is authorized to discharge from a facility located at Blaine Township Wastewater Treatment Plant, Blaine Township, **Washington County** to receiving waters named Buffalo Creek.

**Permit No. 0474204-A2**, Industrial Waste, **Pennsylvania Power Company**, P. O. Box 128, Shippingport, PA

15077. Construction of Industrial Waste located in Greene Township, **Beaver County** to serve Bruce Mansfield Plant.

**Permit No. 0492405, Amendment 1.** Sewerage. **David J. D'Atri**, 320 Sunset Drive, Baden, PA 15005. Construction of Sewage Treatment Plant Expanded Design Flow located in New Sewickley Township, **Beaver County** to serve Forest Brook Mobile Home Park STP.

**Permit No. 2601405.** Sewerage. **City of Uniontown**, 20 North Gallatin Avenue, Uniontown, PA 15401. Construction of a Parallel Relief Interceptor located in City of Uniontown, **Fayette County** to serve Redstone Creek Interceptor.

**Permit No. 2686404-A1.** Sewerage. **Laurel Land Development Ltd.**, P. O. Box 253, Hopwood, PA 15445. Construction of Sewage Treatment Plant expansion located in North Union Township, **Fayette County** to serve Hopwood Village Mobile Home Park STP.

**Permit No. 6301410.** Sewerage. **Carla Wilson**, 2818 Bigger Road, Bulger, PA 15019. Construction of Single Residence Sewage Treatment Plant located in Robinson Township, **Washington County** to serve Wilson Residence.

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

**NPDES Permit No. PA0005622,** Industrial Waste, **Bessemer & Lake Erie Railroad**, 135 Jamison Lane, P. O. Box 68, Monroeville, PA 15146. This proposed facility is located in Hempfield Township, **Mercer County**.

Description of Proposed Action/Activity: This facility is authorized to discharge to the Shenango River.

**NPDES Permit No. PA0238465,** Industrial Waste, **Johnsonburg Municipal Authority**, Silver Creek Filtration Plant, 520A Market Street, Johnsonburg, PA 15845. This proposed facility is located in Ridgway Township, **Elk County**.

Description of Proposed Action/Activity: This facility is authorized to discharge to Silver Creek.

**NPDES Permit No. PA0100943,** Sewage, **Municipal Authority of Strattanville Borough**, P. O. Box 139, Strattanville, PA 16258. This proposed facility is located in Strattanville Borough, **Clarion County**.

Description of Proposed Action/Activity: This facility is authorized to discharge to an unnamed tributary to Brush Run.

**NPDES Permit No. PA020141,** Sewage, **Brookville Municipal Authority**, Three Jefferson Court, Brookville, PA 15825. This proposed facility is located in Brookville Borough, **Jefferson County**.

Description of Proposed Action/Activity: This facility is authorized to discharge to Redbank Creek.

**NPDES Permit No. PA0020401,** Sewage, **Johnsonburg Municipal Authority**, 520A Market Street, Johnsonburg, PA 15845. This proposed facility is located in Johnsonburg Borough, **Elk County**.

Description of Proposed Action/Activity: This facility is authorized to discharge to the Clarion River.

**NPDES Permit No. PA0029114,** Sewage, **Clintonville Borough Sewer and Water Authority**, P. O. Box 292, Clintonville, PA 16372. This proposed facility is located in Clintonville Borough, **Venango County**.

Description of Proposed Action/Activity: This facility is authorized to discharge to Scrubgrass Creek.

**NPDES Permit No. PA0238660,** Sewage, **Fassett and Associates**, 193 Hadley Road, Greenville, PA 16125. This proposed facility is located in Otter Creek Township, **Mercer County**.

Description of Proposed Action/Activity: This facility is authorized to discharge to an unnamed tributary to Little Shenango River.

**NPDES Permit No. PA0102296,** Sewage, **Erie Petroleum, Inc.**, Exit 1 State Line Travel Center, 1502 Greengarden Road, P. O. Box 6345, Erie, PA 16512-6345. This proposed facility is located in Springfield Township, **Erie County**.

Description of Proposed Action/Activity: This facility is authorized to discharge to an unnamed tributary to Raccoon Creek.

**NPDES Permit No. PA0032531,** Sewage, **DCNR, Bureau of State Parks, Moraine State Park**, 225 Pleasant Valley Road, Portersville, PA 16051-9650. This proposed facility is located in Muddy Creek Township, **Butler County**.

Description of Proposed Action/Activity: This facility is authorized to discharge to Muddy Creek.

**NPDES Permit No. PA0104175,** Industrial Waste, **National Fuel Gas Supply Corporation-Lamont Compressor Station**, P. O. Box 2081, Erie, PA 16512. This proposed facility is located in Jones Township, **Elk County**.

Description of Proposed Action/Activity: This facility is authorized to discharge to Hoffman Run.

**NPDES Permit No. PA0025283—Amendment No. 1,** Sewage, **Knox Borough STP**, 620 Main Street, P. O. Box 366, Knox, PA 16323. This proposed facility is located in Beaver Township, **Clarion County**.

Description of Proposed Action/Activity: An amendment for a treated sewage discharge.

**NPDES Permit No. PA0238643,** Sewage, **Venango Cemetery Association**, Venango Cemetery Caretaker Residence, 22161 Cemetery Road, Venango, PA 16440. This proposed facility is located in Venango Township, **Crawford County**.

Description of Proposed Action/Activity: This project is to discharge to unnamed tributary to Coulter Run.

**WQM Permit No. 4301423,** Sewage, **Borough of Grove City**, P. O. Box 110, Grove City, PA 16127-0110. This proposed facility is located in Grove City Borough, **Mercer County**.

Description of Proposed Action/Activity: This project is for the installation of a belt filter press.

**WQM Permit No. 1601402,** Sewage, **Borough of New Bethlehem**, 210 Lafayette Street, New Bethlehem, PA 16242. This proposed facility is located in New Bethlehem Borough, **Clarion County**.

Description of Proposed Action/Activity: This project is for the construction of a new sanitary sewer system in the area north of Broad Street and west of Leasure Run..

**WQM Permit No. 4301420,** Sewage, **Ronald Fassett and Associates**, 474 Hadley Road, Greenville, PA 16125. This proposed facility is located in Otter Creek Township, **Mercer County**.

Description of Proposed Action/Activity: A new discharge of treated sewage from a privately owned treatment works serving an office.

**WQM Permit No. 2501418**, Sewage, **Ditrich Subdivision**, 5795 Peck Road, Erie, PA 16510. This proposed facility is located in Harborcreek Township, **Erie County**.

Description of Proposed Action/Activity: This project is for a Small Flow Sewage Treatment Facility.

**WQM Permit No. 2001414**, Sewerage, **Venango Cemetery Association**, Venango Cemetery Caretaker Residence, 22161 Cemetery Road, Venango, PA 16440. This proposed facility is located in Venango Township, **Crawford County**.

Description of Proposed Action/Activity: This project is for a Single Residence.

#### **NPDES STORMWATER INDIVIDUAL PERMITS — (PAS)**

The following NPDES Individual Permits for Discharges of Stormwater Associated with Construction Activities have been issued.

<i>NPDES Permit No.</i>	<i>Applicant Name &amp; Address</i>	<i>County</i>	<i>Municipality</i>	<i>Receiving Water/Use</i>
PAS10N032	TSSG, Inc. P. O. Box 474 Waverly, PA 18471	Lackawanna	Covington Township	Emerson Run HQ-CWF
PAS10S107	Anthony Columbo 233 Oakford Rd. Clarks Summit, PA 18411	Monroe	Stroud Township	Wigwam Run HQ-CWF
PAS101324	PAM Management, Inc. 193 Route 17 North Mahwah, NJ 07430	Carbon	East Side Borough	Unnamed tributary To Lehigh River HQ-CWF
PAS10U157	CTHL-1, Inc. 824 Eighth Ave. Bethlehem, PA	Northampton	Palmer Township and Tatamy Borough	Bushkill 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>
PAS105508	Edward Walsh One North Main St. Coudersport, PA 16915	Potter County	Allegheny Township	Allegheny River, UNT to Dwights Creek, UNT to Allegheny River HQ-CWF
PAS10F096	Randolph G. Aikens 401 Bear Meadows Rd. Boalsburg, PA 16827	Centre County	Harris Township	Galbraith Gap Run 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 the 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 the 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 123.23(d).

The application 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 Nonexceptional 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 Nonexceptional 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 and Municipality</i>	<i>Permit No.</i>	<i>Applicant Name and Address</i>	<i>Receiving Water/Use</i>	<i>Contact Office and Telephone No.</i>
Elk County St. Marys	PAR102526	Hemlock Prospect Seneca Resources Corp. Route 1, Box 27E Sigel, PA 15860	Elk Creek (CWF)	Elk County Conservation District (814) 776-5373
Carbon County East Penn Township	PAR101328	Duane Schleicher Northside Heights Dev. 182 Williams Lane Lehighon, PA 18235	Tributary to Lizard Creek TSF	Carbon County Conservation District (610) 377-4894
Schuylkill County Delano and Kline Townships	PAR105828	Pennsylvania Department of Transportation Donald E. Lerch Eng. Dist. 5 1713 Lehigh St. Allentown, PA 18103	Lofty Creek CWF	Schuylkill County Conservation District (570) 622-3742
Clearfield County Lawrence Township	PAR101759	Thomas Lingle R. R. 1, Box 319 Clearfield, PA 16830	Tributary to W. Br. Susquehanna River CWF	Department of Environmental Protection Water Management 208 W. 3rd. St. Williamsport, PA 17701 (570) 327-3574

*General Permit Type—PAG-3*

<i>Facility Location and Municipality</i>	<i>Permit No.</i>	<i>Applicant Name and Address</i>	<i>Receiving Water/Use</i>	<i>Contact Office and Telephone No.</i>
Northampton County Nazareth Borough	PAR322203	C. F. Martin & Co., Inc. 510 Sycamore Street Nazareth, PA 18064-0329	Shoeneck Creek WWF	DEP—NERO Water Management 2 Public Square Wilkes-Barre, PA 18711 (570) 826-2511
Schuylkill County Pine Grove Township	PAR502204	Pine Grove Landfill, Inc. P. O. Box 307 Pine Grove, PA 17963-0304	Swatara Creek CWF	DEP—NERO Water Management 2 Public Square Wilkes-Barre, PA 18711 (570) 826-2511
Luzerne County Hazle Township	PAR222201	Allsteel, Inc. 2210 Second Avenue Muscatine, IA 52761-5257	Black Creek CWF	DEP—NERO Water Management 2 Public Square Wilkes-Barre, PA 18711 (570) 826-2511

<i>Facility Location and Municipality</i>	<i>Permit No.</i>	<i>Applicant Name and Address</i>	<i>Receiving Water/Use</i>	<i>Contact Office and Telephone No.</i>
Northampton County Nazareth Borough	PAR322203	C. F. Martin & Co., Inc. 510 Sycamore Street Nazareth, PA 18064-0329	Shoeneck Creek WWF	DEP—NERO Water Management 2 Public Square Wilkes-Barre, PA 18711 (570) 826-2511
Schuylkill County Pine Grove Township	PAR502204	Pine Grove Landfill, Inc. P. O. Box 307 Pine Grove, PA 17963-0304	Swatara Creek CWF	DEP—NERO Water Management 2 Public Square Wilkes-Barre, PA 18711 (570) 826-2511
Luzerne County Hazle Township	PAR222201	Allsteel, Inc. 2210 Second Avenue Muscatine, IA 52761-5257	Black Creek CWF	DEP—NERO Water Management 2 Public Square Wilkes-Barre, PA 18711 (570) 826-2511
Lancaster County Columbia Borough	PAR203542	US Lock & Hardware Company 166 Bridge Street P. O. Box 60 Columbia, PA 17512	Lake Clarke/WWF	DEP SCRO 909 Elmerton Avenue Harrisburg, PA 17110 (717) 705-4707
Berks County Sinking Spring Township	PAR213524	Graffius Burial Vault Company 100 Park Avenue P. O. Box 2040 Sinking Spring, PA 19608	Cacoosing Creek	DEP SCRO 909 Elmerton Avenue Harrisburg, PA 17110 (717) 705-4707
Pine Creek Township Jefferson County	PAR608336	Davis Used Cars and Parts P. O. Box 287 Brookville, PA 15825	Sugarcamp Run	DEP NWRO Water Management 230 Chestnut Street Meadville, PA 16335-3481 (814) 332-6942
City of New Castle Lawrence County	PAR208361	Blair Strip Steel Company P. O. Box 7159 New Castle, PA 16107	Unnamed tributary of Big Run	DEP NWRO Water Management 230 Chestnut Street Meadville, PA 16335-3481 (814) 332-6942
<i>General Permit Type—PAG-4</i>				
<i>Facility Location and Municipality</i>	<i>Permit No.</i>	<i>Applicant Name and Address</i>	<i>Receiving Water/Use</i>	<i>Contact Office and Telephone No.</i>
North Fayette Township Allegheny County	PAG046118	Richard and Bonnie DeBiasio 1089 McKee Road Oakdale, PA 15071-3601	North Branch of Robinson Run	Southwest Regional Office: Water Management Program Manager 400 Waterfront Drive Pittsburgh, PA 15222-4745 (412) 442-4000
Robinson Township Washington County	PAG046234	Carla Wilson 2818 Bigger Road Bulger, PA 15019	Raccoon Creek	Southwest Regional Office: Water Management Program Manager 400 Waterfront Drive Pittsburgh, PA 15222-4745 (412) 442-4000



<i>Facility Location and Municipality</i>	<i>Permit No.</i>	<i>Applicant Name and Address</i>	<i>Receiving Water/Use</i>	<i>Contact Office and Telephone No.</i>
Marshall Township Allegheny County	PAG046242	Bruce and Lisa Fox 399 Fern Hollow Lane Wexford, PA 15090-7539	UNT to Sewickley Creek	Southwest Regional Office: Water Management Program Manager 400 Waterfront Drive Pittsburgh, PA 15222-4745 (412) 442-4000
<i>General Permit Type—PAG-5</i>				
<i>Facility Location and Municipality</i>	<i>Permit No.</i>	<i>Applicant Name and Address</i>	<i>Receiving Water/Use</i>	<i>Contact Office and Telephone No.</i>
Snyder Township Jefferson County	PAG058304	Luke's Auto Service Center R. D. 3, Box 66 Route 219 Crenshaw Brockway, PA 15824	Unnamed tributary to Little Toby Creek	DEP NWRO Water Management 230 Chestnut Street Meadville, PA 16335-3481 (814) 332-6942
Clarion Township Clarion County	PAG058341	Heath Oil, Inc. Frampton Oil Retail Facility P. O. Box 1128 Oil City, PA 16301	Trout Run	DEP NWRO Water Management 230 Chestnut Street Meadville, PA 16335-3481 (814) 332-6942
<i>General Permit Type—PAG-8 (SSN)</i>				
<i>Facility Location and Municipality</i>	<i>Permit No.</i>	<i>Applicant Name and Address</i>	<i>Site Name and Location</i>	<i>Contact Office and Telephone No.</i>
Pine Grove Township Schuylkill County	PAG08-3501 PAG07-0003 PAG08-0008 PAG08-3515 PAG08-2203 PAG08-3825 PAG08-3517 PAG08-3542 PAG08-0007 PAG08-3506 PAG08-3535 PAG08-2201 PAG08-0009 PAG08-0002 PAG08-0003 PAG08-3502 PAG08-3522 PAG08-0001 PAG08-3547 PAG08-0001 PAG08-0006 PAG08-3518	Synagro Mid-Atlantic, Inc. 1605 Dooley Road P. O. Box B Whiteford, MD 21160	Tin Pin Club Farm Pine Grove Township Schuylkill County	NERO 2 Public Square Wilkes-Barre, PA 18711 (570) 826-2511

<i>Facility Location and Municipality</i>	<i>Permit No.</i>	<i>Applicant Name and Address</i>	<i>Site Name and Location</i>	<i>Contact Office and Telephone No.</i>
Pine Grove Township Schuylkill County	PAG08-3501 PAG07-0003 PAG08-0008 PAG08-3515 PAG08-2203 PAG08-3825 PAG08-3517 PAG08-3542 PAG08-0007 PAG08-3506 PAG08-3535 PAG08-2201 PAG08-0009 PAG08-0002 PAG08-0003 PAG08-3502 PAG08-3522 PAG08-0001 PAG08-3547 PAG08-0001 PAG08-0006 PAG08-3518	Synagro Mid-Atlantic, Inc. 1605 Dooley Road P. O. Box B Whiteford, MD 21160	Werner Farm Pine Grove Township Schuylkill County	NERO 2 Public Square Wilkes-Barre, PA 18711 (570) 826-2511

*General Permit Type—PAG-12*

<i>Facility Location and Municipality</i>	<i>Permit No.</i>	<i>Applicant Name and Address</i>	<i>Receiving Water/Use</i>	<i>Contact Office and Telephone No.</i>
Fulton County Balfast Township	PAG123514	Ting-Kwang Chiou Franklin Hog Farm (Timber Ridge Farm) 312 Hampton Place Silver Spring, MD 20904	13-B	DEP SCRO 909 Elmerton Avenue Harrisburg, PA 17110 (717) 705-4707
Franklin County Peters Township	PAG123513	Ting-Kwang Chiou Franklin Hog Farm (Dry Run Farm) 312 Hammonton Place Silver Spring, MD 20904	13-C	DEP SCRO 909 Elmerton Avenue Harrisburg, PA 17110 (717) 705-4707

## PUBLIC WATER SUPPLY PERMITS

The Department of Environmental Protection (Department) has taken the following actions on applications received under the Safe Drinking Water Act for the construction, substantial modification or operation of a public water system.

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, 400 Market Street, 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 (Board) within 30 days from the date of issue of the *Pennsylvania Bulletin* unless the appropriate statute provides a different time period. Copies of the 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.

## SAFE DRINKING WATER

### Actions taken under the Pennsylvania Safe Drinking Water Act (35 P. S. §§ 721.1—721.17).

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

#### Permit No. 5901502, Public Water Supply.

Applicant	<b>Mansfield Borough Municipal Authority</b> 19 East Wellsboro Street Mansfield, PA 16933
Borough	Mansfield Borough
County	<b>Tioga</b>
Type of Facility	Public Water Supply—construction of Well #3 with related appurtenances and modifications to existing gas chlorination facilities
Consulting Engineer	Hunt Engineers Airport Corporate Park 100 Hunt Center Horseheads, NY 14845
Permit to Construct Issued	December 14, 2001

**Permit No. Emergency Permit, Minor Amendment.** Public Water Supply.

Applicant **Renovo Borough**  
128 Fifth Street  
Renovo, PA 17764

Borough Renovo Borough

County **Clinton**

Type of Facility Public Water Supply—approval to operate flow proportioned disinfection facilities at the existing booster pump station

Consulting Engineer Kerry A. Uhler & Associates  
140 West High Street  
Bellefonte, PA 16823

Permit to Operate Issued December 11, 2001

**Permit No. Emergency Permit, Minor Amendment.** Public Water Supply.

Applicant **Pennsylvania American Water Company**  
800 West Hersheypark Drive  
P. O. Box 888  
Hershey, PA 17033-0888

Township White Deer Township

County **Union**

Type of Facility Public Water Supply—emergency approval to operate caustic soda feed at the White Deer Filter Plant to allow exclusive use of White Deer Creek during drought

Consulting Engineer Bruce E. Juergens, P.E.  
Pennsylvania American Water Company  
800 West Hersheypark Drive  
P. O. Box 888  
Hershey, PA 17033-0888

Permit to Operate Issued December 14, 2001

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

**Operations Permit # 3799503-T1-MA1** issued to: **Consumers Pennsylvania Water Company, Shenango Valley Division**, 665 South Dock Street, Sharon, PA 16146, Mahoning Township, **Lawrence County** on December 14, 2001.

**SEWAGE FACILITIES ACT PLAN APPROVAL****Plan Approvals Granted under the Pennsylvania Sewage Facilities Act (35 P. S. §§ 750.1—750.20).**

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

## Plan Location:

<i>Borough or Township</i>	<i>Borough or Township Address</i>	<i>County</i>
Upper Saucon Township	5500 Camp Meeting Rd. Center Valley, PA 18039	Lehigh

Plan Description: On December 11, 2001, the Department approved an Act 537 Plan Revision for Upper Saucon Township. The Update Revision's Selected Alter-

native provides for: a rerating of the Upper Saucon Sewage Treatment Authority's Plant to a hydraulic capacity of 2.5 million gallons per day; the implementation of Alternatives 2—6 and 8 as described in the Update Revision; and, the implementation of a Septic Management District Program as described in the Update Revision. The Department's review of the sewage facilities update revision has not identified any significant environmental impacts resulting from this proposal.

*Southwest Region: Water Management Program Manager, 400 Waterfront Drive, Pittsburgh, PA 15222-4745.*

Plan Location: 459 Wallace Run Road (S.R. 551) approximately 3/4 mile east of intersection of S.R. 551 and Shenango Road.

<i>Borough or Township</i>	<i>Borough or Township Address</i>	<i>County</i>
Big Beaver Borough	114 Forest Drive Darlington, PA 16115	Beaver

Plan Description: The approved plan provides for construction of a single residence sewage treatment facility to replace a malfunctioning onlot septic system. Treated effluent will be discharged to a tributary of Wallace Run which, in turn, discharges to the Beaver River. 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 nonresidential 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:

*Southcentral Region: Environmental Cleanup Program Manager, 909 Elmerton Avenue, Harrisburg, PA 17110.*

**Lewistown Manufactured Gas Plant (formerly)**, Lewistown Borough, **Mifflin County**. Key Environmental, Inc., Rosslyn Farms Industrial Park, 1200 Arch Street, Suite 200, Carnegie, PA 15106 (on behalf of PPL Gas Utilities, 2 North Ninth Street, Allentown, PA 18101) submitted a Remedial Investigation Report concerning remediation of site soils and groundwater contaminated with heavy metals, BTEX, PAHs, phenol compounds and cyanide.

**Laurel Run Park**, Muhlenberg Township, **Berks County**. Muhlenberg Township Parks & Recreation, 702 Euclid Avenue, Temple, PA 19560-1541 submitted a Final Report concerning remediation of site soils contaminated with lead. 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.*

**State College Service Station**, Ferguson Township, **Centre County**. Chambers Environmental Group, Inc., on behalf of its client Centre Oil & Gas, Inc., 769 Westerly Parkway, State College, PA 16801, has submitted a Final Report concerning remediation of site soil contaminated with BTEX and PHCs. The Final Report is intended to document remediation of the site to meet the Statewide Health Standard.

## 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 nonresidential 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 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 groundwater contaminated with petroleum hydrocarbons. Based on information contained in the report, the Department concludes that no further action is required concerning groundwater monitoring or remediation for the compounds listed in the report. If the Department obtains additional information that indicates the existence of contamination caused by conditions on this site, the Department reserves the right to require additional site characterization and/or remediation.

**2900 Samuel Drive Site**, Bensalem Township, **Bucks County**. Darryl D. Borrelli, Manko, Gold & Katcher, LLP, Suite 500, 401 City Ave., Bala Cynwyd, PA 19004, on behalf of Jupiter Property Management, LLC, 11401 Roosevelt Blvd., Philadelphia, PA 19154-2197, has submitted a Final Report concerning the remediation of site soil and groundwater contaminated with lead, heavy metals, BTEX, petroleum hydrocarbons and polycyclic aromatic hydrocarbons. The final report demonstrated attainment of Statewide Health and Site-Specific standards and was approved by the Department on November 28, 2001.

**Rybas Property**, Bensalem Township, **Bucks County**. Darryl Schmitt, Brinkerhoff Environmental Services, Inc., 133 Jackson Rd., Suite D, Medford, NJ 08055, on behalf of John Jr., Mary C., Walter G., David J., Barbara J. and Joan C. Rybas, 888 Frankford Ave., Philadelphia, PA, has submitted a Final Report concerning the remediation of site groundwater contaminated with lead. The Final report demonstrated attainment of the Statewide Health standard and was approved by the Department on November 26, 2001.

**Hunter Elementary School**, City of Philadelphia, **Philadelphia County**. Gloria G. Hunsberger, P.G., Powell-Harpstead, Inc., 800 E. Washington St., West Chester, PA 19380, on behalf of the School District of Philadelphia, 734 Schuylkill Ave., Rm. 336, Philadelphia, PA 19146, has submitted a Remedial Investigation/Cleanup Plan concerning the remediation of site soil contaminated with lead, BTEX, polycyclic aromatic hydrocarbons and solvents. The report was approved by the Department on November 13, 2001.

**Eastern Side, Former Philadelphia Naval Hospital**, City of Philadelphia, **Philadelphia County**. Jonathan E. Rinde, Manko, Gold & Katcher, LLP, 401

City Avenue, Suite 500, Bala Cynwyd, PA 19004, on behalf of United States of America by and through the Department of the Navy, c/o Commanding Officer, Northern Division Naval Facilities Engineering Command, 10 Industrial Highway, Mail Stop #82, Lester, PA 19113-2090, has submitted a Remedial Investigation/Risk Assessment Report concerning the remediation of site soil contaminated with lead, heavy metals, BTEX, petroleum hydrocarbons and polycyclic aromatic hydrocarbons. The report was approved by the Department on November 29, 2001.

**Estate of Sam DeRose/Venice Auto Parts**, City of Philadelphia, **Philadelphia County**. Steven F. Coe, Brown Environmental Services, 42 Sequoia Dr., Newtown, PA 18940, on behalf of the Estate of Sam DeRose, 6219 W. Passyunk Ave., Philadelphia, PA 19153, has submitted a Remedial Investigation Report/Risk Assessment Report/Cleanup Plan concerning the remediation of site soil and groundwater contaminated with lead, BTEX, petroleum hydrocarbons and polycyclic aromatic hydrocarbons. The reports were approved by the Department on November 21, 2001.

**Home Depot, USA (Philadelphia) Port Richmond**, City of Philadelphia, **Philadelphia County**. Christopher Orzechowski, RT Environmental Services, Inc., 215 W. Church Rd., King of Prussia, PA 19406, on behalf of Home Depot USA, 3096 Hamilton Blvd., S. Plainfield, NJ 07080, has submitted a Final Report concerning the remediation of site soil contaminated with lead, BTEX and polycyclic aromatic hydrocarbons. The Final Report demonstrated attainment of the Statewide Health Standard and was approved by the Department on November 13, 2001.

**Scholler, Inc.**, City of Philadelphia, **Philadelphia County**. Christopher Orzechowski, RT Environmental Services, Inc., 215 W. Church Rd., King of Prussia, PA 19406, on behalf of Scholler, Inc., c/o Karl Vonder Schmalz, Jr., 2330 Collins St., Philadelphia, PA 19134, has submitted a Final Report concerning the remediation of site groundwater contaminated with BTEX and polycyclic aromatic hydrocarbons. The Final Report did not demonstrate attainment of the Statewide Health Standard and was disapproved by the Department on November 13, 2001.

*Southcentral Region: Environmental Cleanup Program Manager, 909 Elmerton Avenue, Harrisburg, PA 17110.*

**Former Teledyne McKay Property**, Spring Garden Township, **York County**. EA Engineering, Science, and Technology, Inc., 15 Loveton Circle, Sparks, MD 21152 (on behalf of Redevelopment Authority of the County of York, 144 Roosevelt Avenue, Suite 100, York, PA 17404) submitted a final report concerning remediation of site soils and groundwater contaminated with PCBs, lead, heavy metals, solvents, BTEX and PAHs. The final report demonstrated attainment of the Site-Specific standard and was approved by the Department on December 19, 2001.

**UGI Utilities, Inc. Lebanon Service Building**, City of Lebanon, **Lebanon County**. EPSYS Corporation, 1414 North Cameron Street, Suite A, Harrisburg, PA 17103 (on behalf of UGI Utilities, Inc., P. O. Box 12677, Reading, PA 19612) submitted a remedial investigation report and cleanup plan concerning the remediation of site soils and groundwater contaminated with BTEX, PAHs and PHCs. The report and plan were approved by the Department on December 19, 2001.

**Caterpillar Inc., York Distribution Center**, Springettsbury Township, **York County**. Earth Tech, Inc.,

Two Market Plaza Way, Mechanicsburg, PA 17055 (on behalf of Caterpillar Inc., 100 NE Adams Street, Peoria, IL 61629-3315) submitted a Final Report concerning remediation of site soils contaminated with BTEX and PAHs. The final report demonstrated attainment of the Statewide Health standard and was approved by the Department on December 19, 2001.

**ITT Industries Engineered Valves**, East Hempfield Township, **Lancaster County**. O'Brien & Gere Engineers, Inc., 1777 Sentry Parkway West, Gwynedd Hall, Suite 302, Blue Bell, PA 19422 (on behalf of ITT Industries Engineered Valves, 33 Centerville Road, Lancaster, PA 17603) submitted a Final Report concerning remediation of site soils contaminated with metals, BTEX and VOCs. The final report demonstrated attainment of the Statewide Health standard and was approved by the Department on December 19, 2001.

**P. R. Hoffman Materials Processing Corporation**, Borough of Carlisle, **Cumberland County**. Earth Resource Associates, Inc. (on behalf of Hoffman Materials, Inc. 321 Cherry Street, Carlisle, PA 17013) submitted a Final Report concerning remediation of site soils contaminated with BTEX and solvents. The final report demonstrated attainment of the Statewide Health standard and was approved by the Department on December 19, 2001.

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

**Agway Petroleum, Inc.**, 511 West Grant Street, City of New Castle, **Lawrence County**, had submitted a Work Plan concerning remediation of soil and groundwater. The site had been found to be contaminated with Benzene. The report demonstrated attainment of the Special Industrial Standard and was approved by the Department on June 12, 2000.

#### OPERATE WASTE PROCESSING OR DISPOSAL AREA OR SITE

**Permits Renewed 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.**

*Southeast Region: Regional Solid Waste Manager, Lee Park, Suite 6010, 555 North Lane, Conshohocken, PA 19428.*

**Permit No. 400658. Hatfield Township Municipal Authority**, Hatfield Township, **Montgomery County**. Permit renewed for a new 10-year term for the HTMA sewage sludge incinerator facility. The permit was renewed by Southeast Regional Office on December 18, 2001.

**Permit No. 300300. Rohm and Haas Company**, P. O. Box 584, Bristol, PA 19007, City of Philadelphia. Permit revocation requested for an old construction and demolition waste landfill located on property formerly owned by Rohm and Haas Company and associated with their Philadelphia operations. Facility was closed in the early 1990s and has undergone post-closure monitoring. The permit was revoked by the Southeast Regional Office on December 18, 2001.

#### AIR QUALITY

**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.**

*Northeast Region: Air Quality Program, 2 Public Square, Wilkes-Barre, PA 18711-0790; Contact: James Parette, New Source Review Chief, (570) 826-2531.*

**48-310-044GP: Haines and Kibblehouse, Inc.** (P. O. Box 196, Skippack, PA 19474) for construction and operation of a portable crushing plant and associated air cleaning device at A B E Materials in Lower Mount Bethel Township, **Northampton County**.

*Southwest Region: Air Quality Program, 400 Waterfront Drive, Pittsburgh, PA 15222-4745; Contact: William Charlton, New Source Review Chief, (412) 442-4174.*

**GP-30-00142: CNX Gas Company, LLC** (1800 Washington Road, Pittsburgh, PA 15241) permit is effective December 13, 2001, for construction and operation of one natural gas fired booster compression engine at Roberts Run Compressor Station in Gilmore Township, **Greene County**.

*Northwest Region: Air Quality Program, 230 Chestnut Street, Meadville, PA 16335-3481; Contact: Devendra Verma, New Source Review Chief, (814) 332-6940.*

**GP 43-295: Dairy Farmers of America—West Middlesex Plant** (82 North Street, West Middlesex, PA 16159) on December 12, 2001, for operation of a natural gas fired boiler in West Middlesex, **Mercer County**.

**Plan Approvals Issued under the Air Pollution Control Act (35 P. S. §§ 4001—4015) and regulations in 25 Pa. Code Chapter 127, Subchapter B relating to construction, modification and reactivation of air contamination sources and associated air cleaning devices.**

*Northeast Region: Air Quality Program, 2 Public Square, Wilkes-Barre, PA 18711-0790; Contact: James Parette, New Source Review Chief, (570) 826-2531.*

**58-313-001A: Envirocycle, Inc.** (P. O. Box 899, Hallstead, PA 18822) on December 12, 2001, for construction of a blending and conveying system and associated air cleaning device in Great Bend Township, **Susquehanna County**.

**39-318-105A: Ultra Hi-Tek Products, Inc.** (827 North Meadow Street, Allentown, PA 18102) on December 10, 2001, for installation of an air cleaning device on a film coating line in Allentown, **Lehigh County**.

**48-309-115: ESSROC Cement Corp.** (3251 Bath Pike, Nazareth, PA 18064) on December 10, 2001, for installation of an air cleaning device on an unloading hopper at Nazareth Plant No. 1 in Lower Nazareth Township, **Northampton County**.

*Southcentral Region: Air Quality Program, 909 Elmerton Avenue, Harrisburg, PA 17110; Contact: Ronald Davis, New Source Review Chief, (717) 705-4702.*

**06-03078A: Brush Wellman, Inc.** (P. O. Box 973, Reading, PA 19603) on December 13, 2001, for operation of a pickling line controlled by four wet scrubbers in Perry Township, **Berks County**.

**36-05117: Dart Container Corp. of PA** (110 Pitney Road, Lancaster, PA 17602) on December 14, 2001, for construction of an Expandable Polystyrene Container Molding facility in East Lampeter Township, **Lancaster County**.

*Southwest Region: Air Quality Program, 400 Waterfront Drive, Pittsburgh, PA 15222-4745; Contact: William Charlton, New Source Review Chief, (412) 442-4174.*

**04-00516C: Vesuvius McDanel Company** (510 9th Avenue, Beaver Falls, PA 15010) on December 13, 2001, for installation of a new gas-fired kiln at Beaver Falls Plant in Beaver Falls, **Beaver County**.

*Northwest Region: Air Quality Program, 230 Chestnut Street, Meadville, PA 16335-3481; Contact: Devendra Verma, New Source Review Chief, (814) 332-6940.*

**43-278B: Cobra Metals, Inc.** (3rd Street and Brentwood Avenue, Transfer, PA 16154) on December 4, 2001, for construction of a brass and copper turnings dryer in Pymatuning Township, **Mercer County**.

**42-194A: Glenn O. Hawbaker, Inc.—Shinglehouse Plant** (497 Horserun Road, Shinglehouse, PA 16748) on December 12, 2001, for operation of an aggregate plant in Shinglehouse, **McKean County**.

**24-012B: Carbide Graphite Group** (800 Theresia Street, St. Marys, PA 15857) on December 11, 2001, for modifications to Permit 79-PA-26 for Source 108 (Pitch Impregnation), Source 163 (Vegetable Oil Quenching System) and Source 187 (Longitudinal Graphitizers, Building 800) in St. Marys, **Elk County**.

**Plan Approval Revisions Issued including Extensions, Minor Modifications and Transfers of Ownership under the Air Pollution Control Act (35 P. S. §§ 4001—4015) and 25 Pa. Code §§ 127.13, 127.13a and 127.32.**

*Northeast Region: Air Quality Program, 2 Public Square, Wilkes-Barre, PA 18711-0790; Contact: James Parette, New Source Review Chief, (570) 826-2531.*

**10-313-028B: Indspec Chemical Corp.** (133 Main Street, P. O. Box 307, Petrolia, PA 16050) on December 30, 2001, for a resorcinol flaker/bagging and packaging system in Petrolia, **Butler County**.

**10-021D: Indspec Chemical Corp.** (133 Main Street, P. O. Box 307, Petrolia, PA 16050) on December 30, 2001, for a copeland incinerator in Petrolia, **Butler County**.

**10-021H: Indspec Chemical Corp.** (133 Main Street, P. O. Box 307, Petrolia, PA 16050) on December 30, 2001, for a reactor 507 in Petrolia, **Butler County**.

**10-285B: Waste Management Disposal Services of PA, Inc.—Northwest Sanitary Landfill** (1436 West Sunbury Road, West Sunbury, PA 16061) on November 30, 2001, for a flare system in Clay Township, **Butler County**.

**25-069E: Engelhard Corp.** (1729 East Avenue, Erie, PA 16503) on November 30, 2001, for a stearic acid removal oven in Erie, **Erie County**.

**37-307A: Hobel Brothers Co./Slippery Rock Salvage** (214 Gardner Avenue, New Castle, PA 16107) on September 30, 2001, for an enclosed steel ingot cutting operation in New Castle, **Lawrence County**.

**37-316A: International Mill Service, Inc.** (700 Moravia Street, P. O. Box 2327, New Castle, PA 16101) on December 31, 2001, for slag processing in New Castle, **Lawrence County**.

**42-158B: Temple Inland Forest Products Corp.—Mt. Jewett** (R. D. 2, Hutchins Road, Mt. Jewett, PA 16740) on December 31, 2001, for compliance measures and plant improvements in Sergeant Township, **McKean County**.

**42-158C: Temple Inland Forest Products Corp.—Mt. Jewett** (R. D. 2, Hutchins Road, Mt. Jewett, PA 16740) on December 31, 2001, for compliance measures and plant improvements in Sergeant Township, **McKean County**.

**42-158D: Temple Inland Forest Products Corp.—Mt. Jewett** (R. D. 2, Hutchins Road, Mt. Jewett, PA 16740) on December 31, 2001, for compliance measures and plant improvements in Sergeant Township, **McKean County**.

**42-158E: Temple Inland Forest Products Corp.—Mt. Jewett** (R. D. 2, Hutchins Road, Mt. Jewett, PA 16740) on December 31, 2001, for compliance measures and plant improvements in Sergeant Township, **McKean County**.

**42-176G: Temple Inland Forest Products Corp.—Mt. Jewett** (R. D. 2, Hutchins Road, Mt. Jewett, PA 16740) on December 31, 2001, for compliance measures and plant improvements in Sergeant Township, **McKean County**.

**42-176H: Temple Inland Forest Products Corp.—Mt. Jewett** (R. D. 2, Hutchins Road, Mt. Jewett, PA 16740) on December 31, 2001, for compliance measures and plant improvements in Sergeant Township, **McKean County**.

**42-176I: Temple Inland Forest Products Corp.—Mt. Jewett** (R. D. 2, Hutchins Road, Mt. Jewett, PA 16740) on December 31, 2001, for compliance measures and plant improvements in Sergeant Township, **McKean County**.

**42-185A: IA Construction Co.** (Route 155, P. O. Box 568, Franklin, PA 16323) on December 30, 2001, for a batch asphalt plant in Annin Township, **McKean County**.

*Southcentral Region: Air Quality Program, 909 Elmerton Avenue, Harrisburg, PA 17110; Contact: Ronald Davis, New Source Review Chief, (717) 705-4702.*

**06-05004B: Baldwin Hardware Corp.** (P. O. Box 15048, Reading, PA 19612-5048) on November 9, 2001, for installation of four cell batch vapor degreasers in the City of Reading, **Berks County**. This source is subject to 40 CFR Part 63, Subpart T—National Emission Standards for Halogenated Solvent Cleaning. This plan approval was extended.

*Southwest Region: Air Quality Program, 400 Waterfront Drive, Pittsburgh, PA 15222-4745; Contact: William Charlton, New Source Review Chief, (412) 442-4174.*

**65-00065A: Hanson Aggregates PMA, Inc.** (400 Industrial Boulevard, New Kensington, PA 15068) on December 14, 2001, for construction of a crusher and conveyor belt in Unity Township, **Westmoreland County**. This plan approval was extended.

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**Title V Operating Permits Issued under the Air Pollution Control Act (35 P. S. §§ 4001—4015) and 25 Pa. Code Chapter 127, Subchapter G.**

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*Southeast Region: Air Quality Program, Lee Park, Suite 6010, 555 North Lane, Conshohocken, PA 19428; Contact: Edward Brown, Facilities Permitting Chief, (610) 832-6242.*

**23-00014: Kimberly-Clark Corporation** (Front and Avenue of the States, Chester, PA 19013) on December 19, 2001, for operation of a Facility Title V Operating Permit in City Of Chester, **Delaware County**.

**23-00040: Laurel Pipe Line Company, L.P.** (3398 Garnet Mine Road, Boothwyn, PA 19061) on December 19, 2001, for operation of a Facility Title V Operating Permit in Bethel Township, **Delaware County**.

**46-00010: Montenay Montgomery, L.P.** (1155 Conshohocken Road, Conshohocken, PA 19428) on December 19, 2001, for operation of a Facility Title V Operating Permit in Plymouth Township, **Montgomery County**.

**46-00061: Department of Corrections—SCI Graterford** (P. O. Box 246, Graterford, PA 19426) on December 19, 2001, for operation of a Facility Title V Operating Permit in Skippack Township, **Montgomery County**.

**46-00032: SPS Technologies, Inc.** (Highland Avenue, Jenkintown, PA 19046) on December 19, 2001, for operation of a Facility Title V Operating Permit in Abington Township, **Montgomery County**.

*Southwest Region: Air Quality Program, 400 Waterfront Drive, Pittsburgh, PA 15222-4745; Contact: Mark Wayner, Facilities Permitting Chief, (412) 442-4174.*

**04-00033: NOVA Chemicals, Inc.** (400 Frankfort Road, Monaca, PA 15061-2298) on December 17, 2001, for operation of their styrenic thermoplastic resin manufacturing facility located at their Beaver Valley Plant in Potter Township, **Beaver County**.

**63-00014: Orion Power MidWest L.P.** (2000 Cliff Mine Road, Suite 200, Pittsburgh, PA 15275) for operation of Elrama Station in Union Township, **Washington County**. The company generates approximately 487 MW of electricity. The plant consists of four boilers, an oil-fired auxiliary boiler and ancillary system that include fuel handling, crushing and storage, limestone and ash storage/handling system and some other insignificant sources.

**65-00788: Sony Electronics Inc.** (1001 Technology Drive, Mt. Pleasant, PA 15666) on December 19, 2001, for the operation a television manufacturing facility in East Huntingdon Township, **Westmoreland County**.

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**Operating Permits for Non-Title V Facilities Issued under the Air Pollution Control Act (35 P. S. §§ 4001—4015) and 25 Pa. Code Chapter 127, Subchapter F.**

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*Northwest Region: Air Quality Program, 230 Chestnut Street, Meadville, PA 16335-3481; Contact: Eric Gustafson, Facilities Permitting Chief, (814) 332-6940.*

**24-00017: Morgan AM&T** (441 Hall Ave., St. Marys, PA 15857) Natural Minor operating permit for the manufacture of carbon-based components in St Marys, **Elk County**.

**10-00312: Purvis Brothers, Inc, Mars Facility** (321 Mars-Valencia Road, Mars, PA 16046) for a Synthetic Minor Permit to operate a Petroleum Bulk Station located in Adams Township, **Butler County**.

**16-00131: Georgia-Pacific Corporation, Marble Hardwood Sawmill** (Highway 208, Marble, PA 16334) for a Synthetic Minor Permit to operate a Hardwood Sawmill located in Washington Township, **Clarion County**.

**33-00038: Brookville Wood Products Inc. Brookville Plant** (R. D. 1, Box 460, Brookville, PA 15825) on December 5, 2001, for a Natural Minor Operating Permit in Pinecreek Township, **Jefferson County**.

**25-00197: Erie Bronze & Aluminum Co.** (6300 W. Ridge Rd., Erie, PA 16505) Natural Minor operating permit issued December 123, 2001, for the operation of a bronze and aluminum foundry in Fairview Township, **Erie County**.

**25-00045: Saint Vincent Health Center** (232 West 25th Street, Erie, PA 16544) on December 17, 2001, for a Natural Minor Operating Permit located in City of Erie, **Erie County**.

**Operating Permit Revisions Issued including Administrative Amendments, Minor Modifications or Transfers of Ownership under the Air Pollution Control Act (35 P.S. §§ 4001—4015) and 25 Pa. Code §§ 127.412, 127.450, 127.462 and 127.464.**

*Northeast Region: Air Quality Program, 2 Public Square, Wilkes-Barre, PA 18711-0790; Contact: Michael Saffo, Facilities Permitting Chief, (570) 826-2531.*

**40-309-036D: Schott Glass Technologies, Inc.** (400 York Avenue, Duryea, PA 18642) for a minor modification of melting pots A and B and the associated air cleaning device in Duryea Borough, **Luzerne County**.

*Southcentral Region: Air Quality Program, 909 Elmerton Avenue, Harrisburg, PA 17110; Contact: Leif Ericson, Program Manager, (717) 705-4702.*

**67-05064: York Building Products Co., Inc.** (P. O. Box 1708, York, PA 17405) for operation of an asphalt plant at its Eberts Lane Plant in Spring Garden Township, **York County**. On December 17, 2001, the Synthetic Minor Operating Permit was administratively amended to correct a typographical error. This is Revision No. 1 of the operating permit.

*Northwest Region: Air Quality Program, 230 Chestnut Street, Meadville, PA 16335-3481; Contact: Eric Gustafson, Facilities Permitting Chief, (814) 332-6940.*

**62-00017: United Refining Company—Warren** (Bradley & Dobson Streets, P. O. Box 780, Warren, PA 16365) in Warren Township, **Warren County**, will be Administratively Amending their Title V permit (issued December 26, 2000, and revised on March 21, 2001) on December 18, 2001, to incorporate the conditions from the SO<sub>2</sub> plan approval: 62-017E (facility SOx permit).

**62-00017: United Refining Company—Warren** (Bradley & Dobson Street, P. O. Box 780, Warren, PA 16365) located in Warren Township, **Warren County**, intends to modify, using the minor modification procedure, the Title V permit (issued December 26, 2000, and revised on March 21, 2001) on December 18, 2001. The minor modification will be to lower the VOC emission limits on Sources 213, 214, and 056.

**ACTIONS ON COAL AND NONCOAL MINING ACTIVITY APPLICATIONS**

**Actions on 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).** The final action on each application also constitutes action on the request for 401 Water Quality Certification and the NPDES permit application. Mining activity permits issued in response to the 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).**

*Noncoal Permits Actions*

*Greensburg District Mining Office: Armbrust Building, R. R. 2 Box 603-C, Greensburg, PA 15601-0982, (724) 925-5500.*

**26800401 and NPDES Permit PA125920. Carbon Fuel Resources, Inc.** (5500 Steubenville Pike, Montour Plaza, Suite 3A, McKees Rocks, PA 15136). NPDES Renewal issued for continued operation and reclamation of a large noncoal surface mine located in Georges Township, **Fayette County**, affecting 91.1 acres. Receiving streams: Brownfield Hollow to Mountain Creek to Georges Creek to Monongahela River. Application received: November 7, 2001. NPDES Renewal issued: December 14, 2001.

**FEDERAL WATER POLLUTION CONTROL ACT SECTION 401**

The Department of Environmental Protection (Department) 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)).

Except as otherwise noted, the Department certifies that the construction and operation herein described will comply with the applicable provisions of sections 301—303, 306 and 307 of the FWPCA (33 U.S.C.A. §§ 1311—1313, 1316 and 1317) and that the construction will not violate applicable Federal and State Water Quality Standards.

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 (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 for the following activities filed under the Dam Safety and Encroachments Act (32 P.S. §§ 693.1—693.27), 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:***WATER OBSTRUCTIONS AND ENCROACHMENTS**

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

**E51-193. Fairmount Park Commission**, West Park, Memorial Hall, Philadelphia, PA 19131-0901, City of Philadelphia, **Philadelphia County**, ACOE Philadelphia District.

To construct and maintain a sculptural landscape structure within Fairmount Park along the Schuylkill River (WWF-MF) where tidal flows overtop the existing, partially constructed bulkhead. The structure will mostly be comprised of stone and concrete centered on the existing bulkhead. The purpose of this terraced structure is to display the rise and reach of the Schuylkill River's tidal cycle. The proposed Schuylkill River Tidal Park project is located beneath and just to the south of the Walnut Street Bridge on the Schuylkill River's eastern bank (Philadelphia; PA Quadrangle N: 13.5 inches, W: 6.9 inches).

**E46-896. Esquire and Jan Jordan**, 1037 East Avenue, Penllyn, PA 19422, Upper Dublin Township, **Montgomery County**, ACOE Philadelphia District.

To relocate approximately 150 linear feet of an unnamed tributary of the Wissahickon Creek (TSF) and to construct and maintain a retaining wall and to place associated fill in 0.048 acre of adjacent wetlands (PFO) to facilitate the construction of two single family residences on a 0.50 acre parcel located approximately 400 feet east of the intersection of Inverness Avenue and Glencoe Avenue (Ambler, PA US Quadrangle N: 4.3 inches; W: 11.9 inches).

**E15-671. GenTerra Corporation**, 666 Exton Commons, Exton, PA 19341, East Whiteland Township, **Chester County**, ACOE Philadelphia District.

To perform the following activities associated with a commercial office and hotel facility located in and along Little Valley Creek (EV) and adjacent wetlands:

1. To construct and maintain a 35-foot long twin span, 26-foot by 10-foot low profile CMP arch bridge and associated endwalls across Little Valley Creek (EV) and a de minimis area of adjacent wetlands (PEM) to provide access to the site. Work will also consist of the installation of a temporary stream crossing.

2. To install and maintain a 30-inch (maximum) steel sleeve to facilitate 8-inch diameter utility line crossing across Little Valley Creek (EV) and along Morehall Road (S.R. 0029).

3. To install and maintain stream bank stabilization measures consisting of vegetative plantings along 75 feet of stream bank to stabilize and enhance the channel along Little Valley Creek.

4. To install and maintain two stormwater outfall structures within the 100-year floodway of Little Valley Creek.

The site is located approximately 400 feet southeast of the intersection of Morehall Road (S.R. 0029) and Matthews Road (Malvern USGS Quadrangle N: 8.90 inches; W: 3.30 inches).

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

**E40-578. Ralph and Mary Herbert**, 297 Hartman Road, Hunlock, PA 18621. Hunlock Township, **Luzerne County**, Army Corps of Engineers Baltimore District.

To construct and maintain a single-span bridge, having a clear span of approximately 37 feet and a minimum underclearance of approximately 5 feet, across a tributary to Hunlock Creek, for the purpose of providing access to a single-family residence. The project is located on the south side of S.R. 4001 (Hartman Road), approximately 0.2 mile east of the intersection of S.R. 4001 and Township Road T-544 (Nanticoke, PA Quadrangle N: 17.8 inches; W: 8.1 inches).

**E45-415. Buck Hill Falls Conservation Foundation**, P. O. Box 350, Buck Hill Falls, PA 18323. Barrett Township, **Monroe County**, Army Corps of Engineers Philadelphia District.

To dredge cobbles and gravel from a plunge pool measuring 75-feet x 75-feet at the base of a set of falls along Buck Hill Creek and to place the dredged material in the floodway to improve pedestrian access to a viewing area for observing the falls. This work is associated with a conservation improvement project by the Buck Hill Falls Conservation Foundation and is located approximately 0.9 mile west of the intersection of S.R. 0390 and S.R. 0447 (Buck Hill Falls, PA Quadrangle N: 12.7 inches; W: 2.6 inches).

**E64-217. Jennifer F. Canfield**, R. R. 1, Damascus, PA 18415. Damascus Township, **Wayne County**, Army Corps of Engineers Philadelphia District.

To construct and maintain a single-family residence and garage on a 0.88-acre lot, in the floodway of the Delaware River. The project is located east of S.R. 1016, on Lot No. 18 along Tammany Flats Road, approximately 0.8 mile south of the Callicoon, NY Bridge (Callicoon, NY-PA Quadrangle N: 0.8 inch; W: 7.6 inches).

**E45-418. Pennsylvania-American Water Co.**, 20 East Union Street, Wilkes-Barre, PA 18701-1397. Coolbaugh Township, **Monroe County**, Army Corps of Engineers Philadelphia District.

To remove the existing sanitary sewer line and to construct and maintain 90 feet of 15-inch diameter PVC sanitary sewer line in wetlands for the purpose of correcting a negative slope condition and reducing exfiltration of the sewer line. A temporary road crossing consisting of a 24-inch diameter culvert and clean rock fill in wetlands is also proposed during construction. The project is located in Pocono Country Place, Section G-14, east of Fawn Lane. (Tobyhanna, PA Quadrangle N: 12.8 inches; W: 0.7 inch).

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

**E01-227. Suzanne Youngblood**, 530 Flohrs Church Road, Biglerville, PA 17307 in Franklin Township, **Adams County**, ACOE Baltimore District.

To construct and maintain a 35-foot of stream channel from an existing spring to an existing overflow channel and fill in an on-stream pond which is located at the spring house on an unnamed tributary to Muskrat Run (CWF) (Fairfield, PA Quadrangle N: 22.3 inches; W: 12.8 inches) in Franklin Township, Adams County.

**E01-228. Pennsylvania Department of Transportation, Engineering District 8-0**, 2140 Herr Street, Harrisburg, PA 17103 in Straban Township, **Adams County**, ACOE Baltimore District.

To remove an existing bridge with a clear span of 6.5 meters and a 1.527 meters underclearance and to construct and maintain a single span reinforced concrete adjacent plank beam bridge with a span of 7.31 meters on a 60 degree skew and a 1.546 meters underclearance across Beaverdam Creek (WWF) located on SR 0394 Section 002 (Biglerville, PA Quadrangle N: 1.4 inches; W: 5.2 inches) in Straban Township, Adams County.

**E06-555. Department of Conservation and Natural Resources**, P. O. Box 8451, Harrisburg, PA 17105 in Cumru Township, **Berks County**, ACOE Philadelphia District.

To remove and replace with reinforced concrete the existing cut stone and mortar abutments at a bridge spanning Angelica Creek (CWF, Wild Trout) located at a point within the Nolde Forest State Park (Reading, PA Quadrangle N: 5.2 inches; W: 10.3 inches) in Cumru Township, Berks County.

**E21-332. Pennsylvania Department of Transportation, Engineering District 8-0**, 2140 Herr Street, Harrisburg, PA 17103 in West Pennsboro and Upper Frankford Townships, **Cumberland County**, ACOE Baltimore District.

To remove the existing four span concrete bridge and to construct and maintain a new three span prestressed concrete spread box beam bridge, each span has 72.416 feet, 72.416 feet and 71.33 feet respectively with a minimum underclearance of 5.95 feet, over Conodoquinet Creek (WWF) on SR 4021, Section 003 Segment 0040 Offset 0000, Station 67+62.50 (Bloserville Road) (Plainfield, PA Quadrangle N: 15.8 inches; W: 14.92 inches) in West Pennsboro and Upper Frankford Townships, Cumberland County.

**E22-435. Pennsylvania Department of Transportation, Engineering District 8-0**, 2140 Herr Street, Harrisburg, PA 17103 in Derry Township, **Dauphin County**, ACOE Baltimore District.

To extend and maintain the length of an existing 72-inch diameter corrugated metal pipe culvert by 10 feet and to fill in 0.014 acre of de minimis wetlands within the 100-year floodway and floodplain of Swatara Creek (WWF) in order to widen SR 0039, Segment 0330, Offset 0666 (Hershey Road) located 960 feet from its intersection with Hersheypark Drive (Hershey, PA Quadrangle N: 6.9 inches; W: 6.5 inches) in Derry Township, Dauphin County.

**E44-112. Lewistown Borough**, 2nd East Third Street, Municipal Building, Lewistown, PA 17044 in Lewistown Borough, **Mifflin County**, ACOE Baltimore District.

To construct and maintain a floating boat dock, a wooden fishing platform, a parking area and riprap bank protection in along the channel of the Juniata River (WWF) at a point at Victory Park (Lewistown, PA Quadrangle N: 17.2 inches; W: 11.1 inches) in Lewistown Borough, Mifflin County.

**E67-698. York County Commissioners**, One West Market Way, York, PA 17401 in Hellam Township, **York County**, ACOE Baltimore District.

To remove the existing structure, construct and maintain County Bridge No. 69 having a 40-foot clear span prestressed concrete box beam structure with a concrete deck having a 5-foot underclearance across Kreutz Creek (WWF) on Valley Aces Road (T-787) (Red Lion, PA Quadrangle N: 21.6 inches; W: 15.3 inches) in Hellam Township, York County.

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

**E18-306 Denied: Department of Conservation and Natural Resources**, Bureau of Forestry, HCR 72, Box 90, Renovo, PA 17764. Minor road crossings in Chapman Township, **Clinton County**, ACOE Baltimore District (Muncy, PA Quadrangle N: 14.2 inches; W: 16.2 inches)

Operate and maintain a minor road crossing to carry Right Branch Hyner Run Road across an unnamed tributary to Right Branch, Hyner Run (HW-CWF); to operate and maintain two minor road crossings to carry Right Branch-Hyner Run Road across Spring Run (HQ-CWF); and to construct, operate and maintain a minor road crossing to carry Right Branch Hyner Run Road across Spring Run (HQ-CWF). Road crossing construction shall consist of installing a 36-inch diameter plastic culvert that shall be depressed 1.9 feet into the Spring Run streambed. The project is located along the western right-of-way of SR 0044 approximately 2,000 feet east of Brouse Road and Middle Road intersection.

**E17-359. Forest Drive Stream Enclosure Association, Inc.**, 427 Forest Drive, Clearfield, PA 16830. Modifications-Forest Drive Stream Enclosure, in Lawrence Township, **Clearfield County**, ACOE Baltimore District (Clearfield, PA Quadrangle N: 5.2 inches; W: 11.8 inches).

To modify, operate and maintain as existing 36-inch diameter plastic pipe enclosing an unnamed tributary to the West Branch, Susquehanna River for the improvement of private property. The 36-inch diameter corrugated plastic pipe enclosing the stream shall be modified and maintained to a maximum length of 400-feet. The enclosure shall be perpetually operated free of all debris or obstructions at the inlet, outlet and throughout its total length. The modifications shall also include the construction of an overflow channel and a Type VI energy dissipater that shall be perpetually operated and maintained in accordance with the plans drawing and specifications that were reviewed and approved for this permit. The project will not impact wetlands while impacting 450-feet of waterway. The project is located along the southern right-of-way of Martin Street approximately 3,500-feet from Turnpike Avenue and Martin Street intersection.

**E17-362. Bradford Township**, P. O. Box 79, Woodland, PA 16881. Public Road Crossing Millstone Run, in Bradford Township, **Clearfield County**, ACOE Baltimore District (LeContes Mills, PA Quadrangle N: 9.2 inches; W: 12.3 inches).

To complete the construction of a public road crossing, operate and maintain a single corrugated metal culvert pipe to carry T-210 across Millstone Run. The road crossing shall be constructed, operated and maintained with a single corrugated arch culvert pipe that has a minimum span of 19.17-feet and a minimum rise of 11.75-feet. Construction, operation and maintenance of the road crossing Millstone Run shall also include gabion basket wingwalls. The project is located along the eastern right-of-way of SR 0970 approximately 2250-feet east of T-210 and SR 0970.

**E57-095. Gerald Doyle**, P. O. Box 338, Mildred, PA 18632. Water Obstruction and Encroachment Permit application, in Cherry Township, **Sullivan County**, ACOE Susquehanna River Basin District (Laporte, PA Quadrangle N: 18.75 inches; W: 0.25 inch).

To place and maintain 520 cubic yards of fill for a residential lawn along Birch Creek, 250-feet north of the

intersection of SR 0487 and T-371 along T-371 in Cherry Township, Sullivan County. This permit was issued under § 105.13(e) "Small Projects."

*Southwest Region: Water Management Program Manager, 400 Waterfront Drive, Pittsburgh, PA 15222-4745.*

**E63-484. Cherry Valley Lake Development Corporation**, P. O. Box 273, Atlasburg, PA 15004. Mount Pleasant Township, **Washington County**, ACOE Pittsburgh District.

To construct and maintain an arch culvert having a span of 33.0 feet with an underclearance of 12.4 feet across the channel of Raccoon Creek (WWF) to provide access to the Cherry Valley Lake Residential Development located just downstream from the Cherry Valley Reservoir (D63-056) (Midway, PA Quadrangle N: 15.3 inches; W: 11.4 inches).

**E63-504. Pennsylvania Department of Transportation, Engineering District 12-0**, P. O. Box 459, Uniontown, PA 15401. Canton and North Franklin Townships, Washington County, ACOE Pittsburgh District.

To remove existing structures and to construct and maintain a prestressed concrete box beam bridge having a normal span of 74.0 feet and underclearance of 7.8 feet over Chartiers Creek (WWF), to construct and maintain a temporary crossing over a tributary of Chartiers Creek (WWF), to construct and maintain a 60 inch diameter RCP culvert for a distance of approximately 50 feet in a tributary to Chartiers Creek, to relocate and maintain 250.0 feet of Chartiers Creek and to place and maintain fill in 0.12 acre of PEM/PFO wetlands. This project is for the improvement of the intersection of U.S. 40 and S.R. 3013 (Franklin Farms Road). The permittee has provided for 0.12 acre of wetland replacement by making a monetary contribution to the Pennsylvania Wetland Replacement Project. (Washington West, PA Quadrangle N: 7.1 inches; W: 3.4 inches).

#### ENVIRONMENTAL ASSESSMENTS

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

**EA66-002NE. Wyoming County**, Wyoming County Courthouse, 1 Courthouse Square, Tunkhannock, PA 18657. Eaton Township, **Wyoming County**, Army Corps of Engineers Baltimore District.

To remove Wyoming County Bridge No. 14 across Bowman Creek (HQ-CWF) and to restore the streambanks to existing conditions. The bridge has a single span of approximately 107 feet and is located along Township Road T-413 between S.R. 0029 and T-404 (Tunkhannock, PA Quadrangle N: 2.6 inches; W: 11.9 inches).

[Pa.B. Doc. No. 02-12. Filed for public inspection January 4, 2002, 9:00 a.m.]

## DEPARTMENT OF GENERAL SERVICES

### State Surplus Property

State Surplus Property is selling three Gretag Imaging Net Printers. Two printers are still in the box and one is setup and has been operating since October 2001. Contact Donald D. Constance to schedule an appointment to look at the printers at (717) 787-2095. To obtain a bid packet

contact State Surplus at (717) 787-4085. The sealed bid opening will be held on January 23, 2002.

KELLY P. LOGAN,  
*Acting Secretary*

[Pa.B. Doc. No. 02-13. Filed for public inspection January 4, 2002, 9:00 a.m.]

## DEPARTMENT OF HEALTH

### Laboratories Approved to Determine Blood Alcohol Content Under the Clinical Laboratory Act, the Vehicle Code, the Fish and Boat Code and the Game and Wildlife Code

The following laboratories are licensed by the Department of Health (Department) under the Clinical Laboratory Act (35 P.S. §§ 2151—2165) and are currently approved by the Department under 28 Pa. Code §§ 5.50 and 5.103 (relating to approval to provide special analytical services; and blood tests for blood alcohol content) to perform alcohol analyses of blood and/or serum and plasma. This approval is based on demonstrated proficiency in periodic tests conducted by the Department's Bureau of Laboratories. Since procedures for determining the alcohol content of serum and plasma are identical and results obtained from serum or plasma derived from a blood sample are the same, laboratories that demonstrate reliability in the analysis of serum proficiency testing specimens are approved to analyze both serum and plasma. These laboratories are also approved and designated under the provisions of the Vehicle Code, 75 Pa.C.S. §§ 1547 and 3755 (relating to chemical testing to determine amount of alcohol or controlled substance; and reports by emergency room personnel), the Fish and Boat Code, 30 Pa.C.S. § 5125 (relating to chemical testing to determine amount of alcohol or controlled substance), and the Game and Wildlife Code, 34 Pa.C.S. § 2502, (relating to hunting or furtaking under the influence of alcohol or controlled substance) as qualified to perform the types of specialized services which will reflect the presence of alcohol in blood and/or serum and plasma. Laboratories located outside this Commonwealth may not provide blood and/or serum and plasma alcohol testing services in this Commonwealth unless they are specifically licensed by the Department under the Clinical Laboratory Act.

Persons seeking forensic blood and/or serum and plasma analysis services from the following designated laboratories should determine that the laboratory employs techniques and procedures acceptable for forensic purposes, and that the director of the facility is agreeable to performing determinations for this purpose. The list of approved laboratories will be revised approximately semi-annually and published in the *Pennsylvania Bulletin*.

The Department's blood alcohol and serum/plasma alcohol proficiency testing programs are approved by the United States Department of Health and Human Services in accordance with the requirements contained in the Clinical Laboratory Improvement Amendments of 1988 (42 CFR 493.901 and 493.937) which are administered by the Health Care Financing Administration. Participation in these programs may therefore be used to demonstrate acceptable performance for approval purposes under both Federal and Commonwealth statutes.

Questions regarding this list should be directed to Dr. M. Jeffery Shoemaker, Division of Chemistry and Toxicol-

ogy, Department of Health, Bureau of Laboratories, P. O. Box 500, Exton, PA 19341-0500, (610) 280-3464, ext. 3229.

Persons with a disability who require auxiliary aid service should contact Dr. Shoemaker at V/TT: (717) 783-6514 for speech and/or hearing impaired persons or the Pennsylvania AT & T Relay Service at (800) 654-5984 [TT].

The symbols S and B indicate the following:

S = approved for serum and plasma analyses  
 B = approved for blood analyses  
 SB = approved for serum, plasma and blood analyses

Abington Memorial Hospital-S  
 1200 Old York Rd.  
 Abington, PA 19001  
 (215) 576-2350

Advanced Toxicology Network-B  
 3560 Air Center Cove Suite 101  
 Memphis, TN 38118  
 (901) 794-5770

Albert Einstein Med Ctr. North-S  
 5501 Old York Rd.  
 Philadelphia, PA 19141  
 (215) 456-6100

Aliquippa Comm Hosp Pathology Dept-B  
 2500 Hospital Dr.—Pathology Dept  
 Aliquippa, PA 15001  
 (724) 857-1238

Alleg Cnty Coroners Div of Labs-SB  
 10 County Office Building  
 Pittsburgh, PA 15219  
 (412) 350-6873

Allegheny Valley Hospital Lab-SB  
 1300 Carlisle St.  
 Natrona Heights, PA 15065  
 (724) 224-5100

Altoona Hospital-SB  
 620 Howard Avenue  
 Altoona, PA 16601-4899  
 (814) 946-2340

Analytic Bio-Chemistries Inc-SB  
 1680-D Loretta Avenue  
 Feasterville, PA 19053  
 (215) 322-9210

Armstrong County Memorial Hosp-S  
 1 Nolte Drive  
 Kittanning, PA 16201  
 (724) 543-8122

Associated Clinical Laboratories-SB  
 1526 Peach Street  
 Erie, PA 16501  
 (814) 461-2400

Associated Regional & Univ Path-S  
 500 Chipeta Way  
 Salt Lake City, UT 84108  
 (800) 242-2787

AUH-Forbes Regional-SB  
 2570 Haymaker Rd.  
 Monroeville, PA 15146  
 (412) 858-2560

Ayer Clinical Lab-Penn Hospital-S  
 8th and Spruce Sts.  
 Philadelphia, PA 19107  
 (215) 829-3541

Barnes Kasson County Hospital-S  
 400 Turnpike Street  
 Susquehanna, PA 18847  
 (570) 853-3135

Bon Secours-Holy Family Reg Hlth-SB  
 2500 Seventh Avenue  
 Altoona, PA 16602-2099  
 (814) 949-4495

Bradford Hospital Lab-SB  
 116-156 Interstate Pkwy.  
 Bradford, PA 16701-0218  
 (814) 834-8282

Brandywine Hospital-S  
 201 Reeceville Rd. Attn: Laboratory  
 Coatesville, PA 19320  
 (610) 383-8000

Brownsville General Hospital Lab-S  
 125 Simpson Rd.  
 Brownsville, PA 15417  
 (724) 785-7200

Butler Memorial Hospital-S  
 911 East Brady Street  
 Butler, PA 16001  
 (724) 284-4510

Canonsburg General Hospital-SB  
 100 Medical Boulevard  
 Canonsburg, PA 15317  
 (724) 745-6100

Carlisle Regional Medical Center-S  
 246 Parker St.  
 Carlisle, PA 17013  
 (717) 249-1212

Centre Community Hospital-B  
 1800 East Park Avenue  
 State College, PA 16803  
 (814) 234-6117

Chambersburg Hospital-S  
 112 North Seventh St.  
 Chambersburg, PA 17201  
 (717) 267-7152

Charles Cole Memorial Hospital-S  
 1001 East Second Street  
 Coudersport, PA 16915  
 (814) 274-9300

Chester County Hospital-S  
 701 E. Marshall St.  
 West Chester, PA 19380  
 (610) 431-5182

Chestnut Hill Hospital-S  
 8835 Germantown Avenue  
 Dept. of Pathology  
 Philadelphia, PA 19118  
 (215) 248-8630

Childrens Hosp of Philadelphia-S  
 One Children's Center 34th and Civic  
 Philadelphia, PA 19104  
 (215) 590-1000

Clarion Hospital-SB  
 1 Hospital Drive  
 Clarion, PA 16214  
 (814) 226-9500

Clearfield Hospital Laboratory-S  
 809 Turnpike Ave., P. O. Box 992  
 Clearfield, PA 16830  
 (814) 768-2280

Clinical Laboratories Inc-SB  
901 Keystone Industrial Park  
Throop, PA 18512-1534  
(717) 346-1759

Community Hospital-B  
North Fraley Street  
Kane, PA 16735  
(814) 837-4575

Community Hospital of Lancaster-S  
1100 East Orange Street  
Lancaster, PA 17602  
(717) 397-3711

Community Medical Center-S  
1800 Mulberry Street  
Scranton, PA 18510  
(570) 969-8000

Conemaugh Valley Memorial Hosp-SB  
1086 Franklin Street  
Johnstown, PA 15905-4398  
(814) 534-9000

Corry Memorial Hospital-S  
612 West Smith Street  
Corry, PA 16407  
(814) 664-4641

Crozer Chester Med Center-S  
1 Medical Center Boulevard  
Upland, PA 19013  
(610) 447-2000

Crozer-Chester Med. Ctr.-Springfld-S  
190 West Sproul Rd.  
Springfield, PA 19064  
(610) 447-2000

Delaware County Memorial Hosp-S  
501 North Lansdowne Avenue  
Drexel Hill, PA 19026-1186  
(610) 284-8100

Dept. of Pathology & Lab Med-HUP-SB  
3400 Spruce Street  
Philadelphia, PA 19104  
(215) 662-6880

Dept. of Pathology & Lab Medicine-S  
500 University Avenue  
P. O. Box 850  
Hershey, PA 17033  
(717) 531-8353

Doylestown Hospital-S  
595 W. State St.  
Doylestown, PA 18901  
(215) 345-2250

Drugscan Inc-SB  
1119 Mearns Rd.  
P. O. Box 2969  
Warminster, PA 18974  
(215) 674-9310

DuBois Reg Med Ctr—West Unit-S  
100 Hospital Ave.  
Dubois, PA 15801  
(814) 371-2200

Dynacare Allegheny Laboratories-S  
320 East North Avenue  
Pittsburgh, PA 15212  
(412) 359-3521

Easton Hospital-SB  
250 South 21st St.  
Easton, PA 18042-3892  
(610) 250-4140

Elkins Park Hospital-S  
60 East Township Line Rd.  
Elkins Park, PA 19027  
(215) 663-6102

Ellwood City General Hospital-S  
724 Pershing St.  
Ellwood City, PA 16117  
(724) 752-0081

Ephrata Community Hospital-S  
169 Martin Ave  
P. O. Box 1002  
Ephrata, PA 17522  
(717) 733-0311

Episcopal Hospital Laboratory-S  
100 East Lehigh Avenue  
Philadelphia, PA 19125-1098  
(215) 427-7333

ERHC St. Marys Laboratory-B  
763 Johnsonburg Rd.  
Saint Marys, PA 15857  
(814) 788-8525

Evangelical Community Hospital-S  
1 Hospital Drive  
Lewisburg, PA 17837  
(570) 522-2510

Frankford Hosp Bucks Co Campus-S  
380 North Oxford Valley Rd.  
Langhorne, PA 19047-8304  
(215) 934-5227

Frankford Hospital Frank Div-S  
Frankford Ave. and Waking St.  
Philadelphia, PA 19124  
(215) 831-2068

Frankford Hospital-Torres Div-S  
Red Lion and Knights Rds.  
Philadelphia, PA 19114  
(215) 612-4000

Frick Hospital-S  
508 South Church Street  
Mount Pleasant, PA 15666  
(724) 547-1500

Fulton County Medical Center-S  
216 South First Street  
McConnellsburg, PA 17233  
(717) 485-3155

Geisinger Medical Center-SB  
N. Academy Rd.  
Danville, PA 17822  
(570) 271-6338

Geisinger Wyoming Valley Med Ctr-S  
1000 E. Mountain Drive  
Wilkes-Barre, PA 18711  
(570) 826-7830

George Tolstoi Lab-Uniontown Hsp-S  
500 West Berkeley Street  
Uniontown, PA 15401  
(724) 430-5143

Germantown Comm Hlth Willow Terr-S  
One Penn Boulevard  
Philadelphia, PA 19144  
(215) 951-8800

Gettysburg Hospital-SB  
147 Gettys Street  
Gettysburg, PA 17325  
(717) 334-2121

Gnaden Huetten Memorial Hosp-SB  
11th and Hamilton Sts.  
Lehighton, PA 18235  
(610) 377-1300

Good Samaritan Hospital-SB  
4th and Walnut Sts., P. O. Box 1281  
Lebanon, PA 17042-1218  
(717) 270-7500

Good Samaritan Regional Med Ctr-S  
700 East Norwegian Street  
Pottsville, PA 17901  
(570) 621-4032

Graduate Hospital-S  
1800 Lombard Street  
Philadelphia, PA 19146  
(215) 893-2240

Grand View Hospital-S  
700 Lawn Ave.  
Sellersville, PA 18960  
(215) 257-3611

Greene County Memorial Hospital-S  
Bonar Avenue  
Waynesburg, PA 15370  
(724) 627-2608

Guthrie Clinic Path Lab-S  
Guthrie Square  
Sayre, PA 18840  
(570) 888-5858

Hahnemann University Hospital-S  
Broad and Vine Sts. MS 113  
Philadelphia, PA 19102  
(215) 762-1783

Hamot Medical Center-S  
201 State Street  
Erie, PA 16550  
(814) 877-3131

Hanover General Hospital-SB  
300 Highland Ave.  
Hanover, PA 17331  
(717) 637-3711

Harrisburg Hospital Laboratory-SB  
South Front Street  
Harrisburg, PA 17101  
(717) 782-2832

Hazleton General Hospital-SB  
East Broad Street  
Hazleton, PA 18201  
(570) 501-4152

Health Network Laboratories-S  
1627 West Chew Street  
Allentown, PA 18102  
(610) 402-2236

Health Network Laboratories-S  
1200 South Cedar Crest Blvd.  
Allentown, PA 18103  
(610) 402-8150

Health Network Laboratories-S  
2545 Schoenersville Rd.  
Bethlehem, PA 18017-7384  
(484) 884-2259

Health Network Laboratories-SB  
2024 Lehigh Street  
Allentown, PA 18103-4798  
(610) 402-8150

Highlands Hospital-S  
401 East Murphy Avenue  
Connellsville, PA 15425  
(724) 628-1500

Holy Spirit Hospital-SB  
503 N. 21st Street  
Camp Hill, PA 17011-2288  
(717) 763-2206

Indiana Hospital Dept. of Lab Med-S  
Hospital Rd.  
P. O. Box 788  
Indiana, PA 15701-0788  
(724) 357-7167

J C Blair Memorial Hospital-S  
Warm Springs Ave.  
Huntingdon, PA 16652  
(814) 643-8645

Jameson Memorial Hospital-S  
1211 Wilmington Avenue  
New Castle, PA 16105  
(724) 656-4080

Jeanes Hospital-S  
7600 Central Ave.  
Philadelphia, PA 19111  
(215) 728-2347

Jeannette District Memorial Hosp-S  
Jefferson Ave.  
Jeannette, PA 15644  
(724) 527-3551

Jennersville Regional Hospital-S  
1015 West Baltimore Pike  
West Grove, PA 19390  
(610) 869-1080

JRHS—Brookville Hospital-S  
100 Hospital Rd.  
Brookville, PA 15825  
(814) 849-2312

Kensington Hospital-S  
136 West Diamond Street  
Philadelphia, PA 19122  
(215) 426-8100

Lab Corp Occupational Test Srvcs-SB  
1120 Stateline Rd. West  
Southaven, MS 38671  
(886) 827-8042

Lab Corp of America Holdings-SB  
6370 Wilcox Rd.  
Dublin, OH 43016-1296  
(800) 282-7300

Labcorp of America Holdings-SB  
69 First Ave.  
P. O. Box 500  
Raritan, NJ 08869  
(201) 526-2400

Labone Inc-SB  
10101 Renner Boulevard  
Lenexa, KS 66219-9752  
(913) 888-1770

Lancaster General Hospital-S  
555 N. Duke St.

- P. O. Box 3555  
Lancaster, PA 17603  
(717) 299-5511
- Lancaster General Hosp-Sus Div-S  
306 North Seventh Street  
Columbia, PA 17512  
(717) 684-2841
- Lancaster Regional Med Center-S  
250 College Avenue  
P. O. Box 3434  
Lancaster, PA 17604  
(717) 291-8022
- Latrobe Area Hospital-S  
121 West 2nd Avenue  
Latrobe, PA 15650  
(724) 537-1550
- Lewistown Hospital-B  
Highland Avenue  
Lewistown, PA 17044  
(717) 248-5411
- Lock Haven Hospital Laboratory-B  
24 Cree Drive  
Lock Haven, PA 17745  
(570) 893-5000
- Main Line Clin Labs Bryn Mawr CP-S  
130 Bryn Mawr Avenue  
Bryn Mawr, PA 19010  
(610) 526-3554
- Main Line Clin Labs Lankenau CP-S  
100 East Lancaster Avenue  
Wynnewood, PA 19096  
(610) 645-2615
- Main Line Clin Labs Paoli Mem CP-S  
255 West Lancaster Avenue  
Paoli, PA 19301  
(610) 648-1000
- Marian Community Hospital-S  
100 Lincoln Avenue  
Carbondale, PA 18407  
(570) 281-1042
- Meadville Med Ctr-Liberty St.-S  
751 Liberty Street  
Meadville, PA 16335  
(814) 336-3121
- Medical College of PA Hospital-S  
3300 Henry Avenue  
Philadelphia, PA 19129  
(215) 842-7306
- Medical Laboratories Corp-SB  
14225 Newbrook Drive  
P. O. Box 10841  
Chantilly, VA 20153-0841  
(703) 802-6900
- Medtox Laboratories Inc-SB  
402 West County Rd. D  
St. Paul, MN 55112  
(612) 636-7466
- Memorial Hospital Clinical Lab-SB  
325 S. Belmont St., P. O. Box 15118  
York, PA 17403  
(717) 843-8623
- Memorial Hospital Lab-SB  
1 Hospital Drive  
Towanda, PA 18848  
(570) 265-2191
- Mercy Health Lab/MCH-S  
2000 Old West Chester Pike  
Havertown, PA 19083  
(610) 853-7500
- Mercy Health Lab/MFH-S  
1500 Lansdowne Avenue  
Darby, PA 19023  
(610) 237-4262
- Mercy Health Lab/MHOP-S  
54 and Cedar Avenue  
Philadelphia, PA 19143  
(215) 748-9181
- Mercy Health Lab/MSH-S  
2701 Dekalb Pike  
Norristown, PA 19401  
(610) 278-2090
- Mercy Health Partners-S  
746 Jefferson Ave.  
Scranton, PA 18510  
(570) 348-7100
- Mercy Hospital Laboratory-S  
25 Church Street  
P. O. Box 658  
Wilkes-Barre, PA 18765  
(570) 826-3100
- Mercy Hospital Laboratory-S  
Pride and Locust Streets  
Pittsburgh, PA 15219  
(412) 232-7831
- Mercy Providence Hospital Lab-S  
1004 Arch Street  
Pittsburgh, PA 15212  
(412) 323-5783
- Methodist Hosp Division/TJUH Inc-S  
2301 South Broad Street  
Philadelphia, PA 19148  
(215) 952-9059
- Meyersdale Community Hospital-S  
200 Hospital Dr.  
Meyersdale, PA 15552  
(814) 634-5911
- Midvalley Hospital-S  
1400 Main Street  
Peckville, PA 18452  
(717) 489-7546
- Miners Hospital-S  
290 Haida Avenue  
P. O. Box 689  
Hastings, PA 16646  
(814) 948-7171
- Monongahela Valley Hosp Inc-S  
Country Club Rd. RT 88  
Monongahela, PA 15063  
(724) 258-1000
- Monsour Medical Center-S  
70 Lincoln Way E  
Jeannette, PA 15644  
(724) 527-1511
- Montgomery Hospital Lab-S  
Powell and Fornance Sts.  
Norristown, PA 19401  
(610) 270-2173

Moses Taylor Hospital-S  
700 Quincy Avenue  
Scranton, PA 18510  
(570) 963-2100

Muncy Valley Hospital-S  
215 East Water St.  
Muncy, PA 17756  
(570) 546-8282

Nason Hospital-B  
Nason Drive  
Roaring Spring, PA 16673  
(814) 224-6215

National Med Services Inc. Lab-SB  
3701 Welsh Rd.  
Willow Grove, PA 19090  
(215) 657-4900

Nazareth Hospital-S  
2601 Holme Ave.  
Philadelphia, PA 19152  
(215) 335-6245

North Penn Hospital-S  
100 Med Campus Drive  
Lansdale, PA 19446  
(215) 368-2100

Northwest Medical Ctr-Franklin-SB  
1 Spruce Street  
Franklin, PA 16323  
(814) 437-7000

Ohio Valley General Hospital-S  
Heckel Rd.  
McKees Rocks, PA 15136  
(412) 777-6244

Omega Medical Laboratories Inc-SB  
2001 State Hill Rd., Suite 100  
Wyomissing, PA 19610-1699  
(610) 378-1900

Palmerton Hospital-S  
135 Lafayette Ave.  
Palmerton, PA 18071  
(610) 826-3141

Parkview Hospital-S  
1331 East Wyoming Avenue  
Philadelphia, PA 19124  
(215) 537-7430

Pennsylvania Dept. of Health-SB  
110 Pickering Way  
Lionville, PA 19353  
(610) 280-3464

Philipsburg Area Hospital-SB  
210 Loch Lomond Rd.  
Philipsburg, PA 16866  
(814) 342-7112

Phoenixville Hospital Laboratory-S  
140 Nutt Rd., Dept. of Pathology  
Phoenixville, PA 19460-0809  
(610) 983-1612

Pinnaclehlth/Comm Gen Osteo Hosp-S  
4300 Londonderry Rd., P. O. Box 3000  
Harrisburg, PA 17109  
(717) 657-7214

Pittsburgh Criminalistics-SB  
1320 Fifth Avenue  
Pittsburgh, PA 15219  
(412) 391-6118

Pocono Medical Center Lab-SB  
206 East Brown Street  
East Stroudsburg, PA 18301  
(570) 476-3544

Pottstown Memorial Med Center-S  
1600 E. High St.  
Pottstown, PA 19464  
(610) 327-7111

Pottsville Hosp and Warne Clinic-SB  
420 South Jackson Street  
Pottsville, PA 17901  
(570) 621-5262

Presbyterian Med Center of Phila-S  
51 North 39th St., 5th Flr. Rm. 530  
Department of Pathology & Lab  
Philadelphia, PA 19104-2640  
(215) 662-3435

Punxsutawney Area Hospital-S  
81 Hillcrest Drive  
Punxsutawney, PA 15767  
(814) 938-4500

Quest Diagnostics Clinical Labs Inc-SB  
900 Business Center Drive  
Horsham, PA 19044  
(215) 957-9300

Quest Diagnostics Inc-SB  
400 Egypt Rd.  
Norristown, PA 19403  
(610) 631-4219

Quest Diagnostics of PA Inc-SB  
875 Greentree Rd., 4 Parkway Center  
Pittsburgh, PA 15220-3610  
(412) 920-7600

Quest Diagnostics Venture LLC-SB  
875 Greentree Rd.  
4 Parkway Center  
Pittsburgh, PA 15220-3610  
(412) 920-7631

Reading Hospital & Med Ctr-S  
6th and Spruce Streets  
West Reading, PA 19611  
(610) 988-8080

Riddle Memorial Hospital-S  
Baltimore Pike Highway 1  
Media, PA 19063  
(610) 566-9400

Roxborough Memorial Hospital-S  
5800 Ridge Ave.  
Philadelphia, PA 19128  
(215) 487-4394

Sacred Heart Hospital-S  
4th and Chew Sts.  
Allentown, PA 18102  
(610) 776-4727

Saint Agnes Medical Center-S  
1900 South Broad Street  
Philadelphia, PA 19145  
(215) 339-4360

Saint Clair Memorial Hospital-S  
1000 Bower Hill Rd.  
Pittsburgh, PA 15243  
(412) 561-4900



Saint Francis Hospital of New Castle-S  
1000 S. Mercer St.  
New Castle, PA 16101  
(724) 656-6111

Saint Lukes Hospital-S  
801 Ostrum St.  
Bethlehem, PA 18015  
(610) 691-4141

Saint Mary Medical Center-S  
Langhorne—Newtown Rd.  
Langhorne, PA 19047  
(215) 750-2162

Saint Vincent Health Center-S  
232 West 25th Street  
Erie, PA 16544  
(814) 452-5383

Sewickley Valley Hospital Lab-S  
Blackburn Rd. and Fitch Drive  
Sewickley, PA 15143  
(412) 741-6600

Shadyside Hospital-S  
5230 Centre Avenue  
Pittsburgh, PA 15232  
(412) 622-2315

Sharon Regional Health System-SB  
740 East State Street  
Sharon, PA 16146  
(724) 983-3911

Soldiers & Sailors Mem. Hosp.-S  
Central Ave.  
Wellsboro, PA 16901  
(570) 724-1631

Somerset Hospital Lab-B  
225 S. Center Ave.  
Somerset, PA 15501  
(814) 443-5000

South Hills Health Sys-Jefferson-S  
575 Coal Valley Rd.  
P. O. Box 18119  
Pittsburgh, PA 15236  
(412) 469-5723

Specialty Laboratories-SB  
2211 Michigan Avenue  
Santa Monica, CA 90404  
(310) 828-6543

St. Francis Hospital Cranberry-S  
One St. Francis Way  
Cranberry Township, PA 16066  
(724) 772-5300

St. Francis Medical Center-S  
400-45th Street  
Pittsburgh, PA 15201-1198  
(412) 622-4838

St. Joseph Quality Medical Lab-SB  
215 North 12th Street, Box 316  
Reading, PA 19603  
(610) 378-2200

St. Joseph's Hospital-Div NPHS-S  
16th St. and Girard Ave.  
Philadelphia, PA 19130  
(215) 787-9000

St. Lukes Hosp Allentown Campus-S  
1736 Hamilton Street  
Allentown, PA 18104  
(610) 439-4000

St. Lukes Quakertown Hospital-S  
11th St. and Park Ave., P. O. Box 9003  
Quakertown, PA 18951  
(215) 538-4681

Suburban General Hospital-S  
100 South Jackson Avenue  
Bellevue, PA 15202  
(412) 734-6000

Taylor Hospital Div of CCMC-S  
175 E. Chester Pike  
Ridley Park, PA 19078  
(610) 595-6450

Temple East Inc NE-S  
2301 East Allegheny Avenue  
Philadelphia, PA 19134  
(215) 291-3671

Temple Lower Bucks Hospital Lab-S  
501 Bath Rd.  
Bristol, PA 19007  
(215) 785-9200

Temple University Hospital-S  
3401 N. Broad St.  
Philadelphia, PA 19140  
(215) 707-4353

The Medical Center Beaver PA-SB  
1000 Dutch Ridge Rd.  
Beaver, PA 15009-9700  
(724) 728-7000

Thomas Jefferson University Hosp-S  
125 South 11th St., 204 Pavilion  
Philadelphia, PA 19107  
(215) 955-6374

Titusville Area Hospital-S  
406 West Oak Street  
Titusville, PA 16354  
(814) 827-1851

Toxi-Con Laboratory-SB  
201 Smallcombe Drive  
Scranton, PA 18508  
(570) 963-0722

Tyler Memorial Hospital-S  
880 SR 6 W  
Tunkhannock, PA 18657  
(570) 836-2161

Tyrone Hospital-SB  
Clay Avenue Extension  
Tyrone, PA 16686  
(814) 684-0484

United Community Hospital-SB  
631 North Broad Street Ext.  
Grove City, PA 16127  
(724) 450-7125

UPMC Bedford Memorial-SB  
10455 Lincoln Highway  
Everett, PA 15537  
(814) 623-3506

UPMC Braddock-S  
400 Holland Avenue  
Braddock, PA 15104  
(412) 636-5291

UPMC Horizon-SB  
2200 Memorial Drive  
Farrell, PA 16121  
(724) 981-3500

UPMC Horizon-SB  
110 North Main Street  
Greenville, PA 16125  
(724) 588-2100

UPMC Lee Regional Hospital-SB  
320 Main Street  
Johnstown, PA 15901  
(814) 533-0130

UPMC McKeesport Laboratory-S  
1500 Fifth Avenue  
McKeesport, PA 15132  
(412) 664-2233

UPMC Passavant-S  
9100 Babcock Blvd.  
Pittsburgh, PA 15237  
(412) 367-6700

UPMC Presbyterian Clinical Laboratories-S  
Room 5929 Main Tower Chp.  
200 Lothrop Street  
Pittsburgh, PA 15213-2582  
(412) 648-6000

UPMC Saint Margaret Hospital-S  
815 Freeport Rd.  
Pittsburgh, PA 15215  
(412) 784-4000

Warminster Hospital-S  
225 Newtown Rd.  
Warminster, PA 18974  
(215) 441-6700

Warren General Hospital-SB  
2 Crescent Park  
Warren, PA 16365  
(814) 723-3300

Washington Hospital-S  
155 Wilson Ave.  
Washington, PA 15301  
(724) 223-3136

Wayne Memorial Hospital-S  
601 Park Street  
Honesdale, PA 18431  
(570) 253-1300

Waynesboro Hospital-S  
501 E. Main Street  
Waynesboro, PA 17268  
(717) 765-3403

Western Pennsylvania Hospital-S  
4800 Friendship Ave.  
Pittsburgh, PA 15224  
(412) 578-5779

Western Reserve Care System-S  
500 Gypsy Lane  
Youngstown, OH 44504  
(216) 740-3794

Westmoreland Hospital-S  
532 W. Pittsburgh St.  
Greensburg, PA 15601  
(724) 832-4365

Williamsport Hosp & Med Center-SB  
777 Rural Avenue  
Williamsport, PA 17701-3198  
(570) 321-2300

Windber Medical Center-B  
600 Somerset Ave.  
Windber, PA 15963  
(814) 467-6611

WVHCS Hosp Pennant Laboratory-SB  
575 North River Street  
Wilkes-Barre, PA 18764  
(570) 829-8111

WVU Hospital Clinical Labs-S  
1 Medical Center Dr.  
P. O. Box 8009  
Morgantown, WV 26506-8009  
(304) 598-4241

York Hospital-SB  
1001 South George Street  
York, PA 17405  
(717) 771-2696

ROBERT S. ZIMMERMAN, Jr.,  
*Secretary*

[Pa.B. Doc. No. 02-14. Filed for public inspection January 4, 2002, 9:00 a.m.]

## DEPARTMENT OF LABOR AND INDUSTRY

### Current Prevailing Wage Act Debarments

The following contractor has 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)), this firm, or any firms, corporations or partnerships in which the firm has an interest, will not be awarded a contract for 3 years after the date listed.

<i>Contractor</i>	<i>Address</i>	<i>Date of Debarment</i>
Mast Contractors, Inc. (Fed. ER ID No. 23-2049610)	219 Ruth Road Harleysville, PA 19438 -and- 656 Route 113, P. O. Box 228 Harleysville, PA 19438	December 14, 2001

JOHNNY J. BUTLER,  
*Secretary*

[Pa.B. Doc. No. 02-15. Filed for public inspection January 4, 2002, 9:00 a.m.]

### Maximum Pennsylvania Workers' Compensation Payable

Based upon the Statewide Average Weekly Wage, as determined by the Department of Labor and Industry for the fiscal year ending June 30, 2001, the maximum compensation payable under the Workers' Compensation Act, under Article 1, sections 105.1 and 105.2, shall be \$662 per week for injuries occurring on and after January 1, 2002. For purposes of calculating the update to payments for medical treatment rendered on and after

January 1, 2002, the percentage increase in the Statewide Average Weekly Wage is 2.8%.

JOHNNY J. BUTLER,  
Secretary

[Pa.B. Doc. No. 02-16. Filed for public inspection January 4, 2002, 9:00 a.m.]

## DEPARTMENT OF PUBLIC WELFARE

### Implementation of the Breast and Cervical Cancer Prevention and Treatment Program

The purpose of this notice is to provide prior public notice of the Department of Public Welfare's (Department) intent to implement the Breast and Cervical Cancer Prevention and Treatment Program effective January 1, 2002.

The Breast and Cervical Cancer Prevention and Treatment Act of 2000 amended Title XIX of the Social Security Act, section 1902(a)(10)(ii)(XVIII) (42 U.S.C.A. 1396a(a)(10)(A)(ii)). This amendment provides the option to expand the State's Medicaid program to include low-income, uninsured women under 65 years of age who have been screened and diagnosed with breast or cervical cancer, or a precancerous condition of the breast or cervix, under the Centers for Disease Control and Prevention's National Breast and Cervical Cancer Early Detection Program. Through a coordinated effort of the Department of Health and its HealthyWoman Project, and the Depart-

ment, women who meet special Medicaid eligibility requirements will receive treatment for their diagnosed breast or cervical cancer or precancerous condition of the breast or cervix, and the full range of preventive healthcare coverage available under the Medicaid Program.

#### Fiscal Impact

For Fiscal Year 2001-2002, the fiscal impact as a result of implementing this program is estimated at \$3.960 million in total funds (\$1.257 million in State funds and \$2.703 million in Federal funds). For Fiscal Year 2002-2003, the fiscal impact is estimated at \$11.938 million (\$3.790 million in State funds and \$8.148 million in Federal funds).

#### Contact Person

A copy of this notice is available for review at local county assistance offices. Interested persons are invited to submit written comments to this notice to the Department within 30 days of publication of this notice in the *Pennsylvania Bulletin*. Comments should be addressed to Department of Public Welfare, Office of Medical Assistance Programs, Attention: Suzanne Love, P. O. Box 2675, Harrisburg, PA 17105.

Persons with a disability may use the AT&T Relay Services by calling (800) 654-5984 (TDD users) or (800) 654-5988 (voice users). Persons who require another alternative should contact Thomas Vracarich in the Office of Legal Counsel at (717) 783-2209.

FEATHER O. HOUSTOUN,  
Secretary

**Fiscal Note:** 14-NOT-306. (1) General Fund;

	<i>Med Assist Inpatient</i>	<i>Med Assist Outpatient</i>	<i>Med Assist Long Term Care</i>
(2) Implementing Year 2001-02 is	\$207,000	\$471,000	\$579,000
(3) 1st Succeeding Year 2002-03 is	\$638,000	\$1,414,000	\$1,738,000
2nd Succeeding Year 2003-04 is	\$657,000	\$1,414,000	\$1,738,000
3rd Succeeding Year 2004-05 is	\$677,000	\$1,414,000	\$1,738,000
4th Succeeding Year 2005-06 is	\$697,000	\$1,414,000	\$1,738,000
5th Succeeding Year 2006-07 is	\$718,000	\$1,414,000	\$1,738,000
	<i>Medical Assistance Inpatient</i>	<i>Medical Assistance Outpatient</i>	<i>Medical Assistance Long Term Care</i>
(4) 2000-01 Program—	\$418,707,000	\$668,586,000	\$722,565,000
1999-00 Program—	\$392,528,000	\$622,669,000	\$693,625,000
1998-99 Program—	\$453,594,000	\$695,935,000	\$721,631,000

(8) recommends adoption. Funds for these changes were included in the 2001-02 budget.

[Pa.B. Doc. No. 02-17. Filed for public inspection January 4, 2002, 9:00 a.m.]

## DEPARTMENT OF REVENUE

### Pennsylvania Cash Quest 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 Quest.

2. *Price:* The price of a Pennsylvania Cash Quest instant lottery game ticket is \$3.00.

3. *Play Symbols:* Each Pennsylvania Cash Quest instant lottery game ticket will feature a "Directions For Treasure Map" area and a "Treasure Map" area. The play symbols located in the "Directions For Treasure Map" area are: The letters A through H, each with the numbers 1 through 7. The play symbols located in the "Treasure Map" area are: A Chest Symbol consisting of six squares; a Shovel Symbol consisting of five squares; a Pirate

Symbol consisting of four squares; a Diamond Symbol consisting of four squares; a Coin Symbol consisting of four squares; a Ship Symbol consisting of three squares; a Flag Symbol consisting of three squares; a Key Symbol consisting of two squares and a Parrot Symbol consisting of two squares.

4. *Prizes:* The prizes that can be won in this game are \$3, \$6, \$9, \$12, \$18, \$30, \$60, \$300 and \$30,000. The player can win up to five times on each ticket.

5. *Approximate Number of Tickets Printed For the Game:*

Approximately 4,080,000 tickets will be printed for the Pennsylvania Cash Quest instant lottery game.

6. *Determination of Prize Winners:*

(a) Holders of tickets where the player completely uncovers a Chest Symbol, using only the letter-number combinations found in the "Directions For Treasure Map" area, on a single ticket, shall be entitled to a prize of \$30,000.

(b) Holders of tickets where the player completely uncovers a Shovel Symbol, using only the letter-number combinations found in the "Directions For Treasure Map" area, on a single ticket, shall be entitled to a prize of \$300.

(c) Holders of tickets where the player completely uncovers a Pirate Symbol, using only the letter-number combinations found in the "Directions For Treasure Map" area, on a single ticket, shall be entitled to a prize of \$60.

(d) Holders of tickets where the player completely uncovers a Diamond Symbol, using only the letter-

number combinations found in the "Directions For Treasure Map" area, on a single ticket, shall be entitled to a prize of \$30.

(e) Holders of tickets where the player completely uncovers a Coin Symbol, using only the letter-number combinations found in the "Directions For Treasure Map" area, on a single ticket, shall be entitled to a prize of \$18.

(f) Holders of tickets where the player completely uncovers a Ship Symbol, using only the letter-number combinations found in the "Directions For Treasure Map" area, on a single ticket, shall be entitled to a prize of \$12.

(g) Holders of tickets where the player completely uncovers a Flag Symbol, using only the letter-number combinations found in the "Directions For Treasure Map" area, on a single ticket, shall be entitled to a prize of \$9.

(h) Holders of tickets where the player completely uncovers a Key Symbol, using only the letter-number combinations found in the "Directions For Treasure Map" area, on a single ticket, shall be entitled to a prize of \$6.

(i) Holders of tickets where the player completely uncovers a Parrot Symbol, using only the letter-number combinations found in the "Directions For Treasure Map" area, on a single ticket, shall be entitled to a prize of \$3.

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:

<i>Get</i>	<i>Win</i>	<i>Approximate Odds</i>	<i>Approximate No. of Winners Per 4,080,000 Tickets</i>
Parrot	\$3	1:5.26	775,200
Key	\$6	1:16.67	224,800
Flag	\$9	1:33.33	122,400
Parrot + Key	\$9	1:100	40,800
Ship	\$12	1:66.67	61,200
Parrot + Flag	\$12	1:200	20,400
Coin	\$18	1:166.67	24,480
Parrot + Key + Flag	\$18	1:500	8,160
Key + Ship	\$18	1:500	8,160
Diamond	\$30	1:400	10,200
Parrot + Key + Flag + Ship	\$30	1:1,200	3,400
Pirate	\$60	1:3,000	1,360
Ship + Coin + Diamond	\$60	1:6,000	680
Parrot + Key + Flag + Ship + Diamond	\$60	1:6,000	680
Shovel	\$300	1:30,000	136
Chest	\$30,000	1:1,020,000	4

8. *Retailer Incentive Awards:* The Lottery may conduct a separate Retailer Incentive Game for retailers who sell Pennsylvania Cash Quest 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 Quest, prize money from winning Pennsylvania Cash Quest 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 Quest 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 Quest or through normal communications methods.

LARRY P. WILLIAMS,  
Secretary

[Pa.B. Doc. No. 02-18. Filed for public inspection January 4, 2002, 9:00 a.m.]

### Pennsylvania Four Leaf Fortune 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 Four Leaf Fortune.

2. *Price:* The price of a Pennsylvania Four Leaf Fortune instant lottery game ticket is \$5.00.

#### 3. *Play Symbols:*

(a) Each Pennsylvania Four Leaf Fortune instant lottery game ticket will contain three play areas known as “Game 1,” “Game 2” and “Game 3” respectively. Each game has a different game play method and is played separately. Each Pennsylvania Four Leaf Fortune instant lottery game ticket will also contain a “Fast Cash Bonus” area.

(b) The play symbols and their captions located in the play area for “Game 1” are: \$5<sup>.00</sup> (FIV DOL), \$6<sup>.00</sup> (SIX DOL), \$7<sup>.00</sup> (SVN DOL), \$10<sup>.00</sup> (TEN DOL), \$17\$ (SVNTN), \$20\$ (TWENTY), \$27\$ (TWY SVN), \$51\$ (FTY ONE), \$170 (ONEHUNSTY) and \$170,000 (HUNSTYTHO).

(c) The play symbols and their captions located in the play area for “Game 2” are: X Symbol (XXX) and Leprechaun Symbol (LEPCH).

(d) The play area for “Game 3” will contain a “Your Symbols” area and a “Lucky Symbol” area. The play symbols and their captions located in the “Your Symbols” area and the “Lucky Symbol” area are: Chest Symbol (CHEST), Coins Symbol (COINS), Wallet Symbol (WALLET), Money Bag Symbol (MNYBAG), Money Symbol (MONEY), Castle Symbol (CASTLE), Diamond Symbol (DMND), Gold Bar Symbol (GOLD), Pipe Symbol (PIPE), Cabbage Symbol (CABBAGE), Mushroom Symbol (SHROM) and Piggy Bank Symbol (PIGBNK).

#### 4. *Prize Play Symbols:*

(a) The prize play symbols and their captions located in the “Prize” area for “Game 2” are: \$5<sup>.00</sup> (FIV DOL), \$6<sup>.00</sup> (SIX DOL), \$7<sup>.00</sup> (SVN DOL), \$10<sup>.00</sup> (TEN DOL), \$17\$ (SVNTN), \$20\$ (TWENTY), \$27\$ (TWY SVN), \$51\$ (FTY ONE) and \$170 (ONEHUNSTY).

(b) The prize play symbols and their captions located in the “Your Symbols” area for “Game 3” are: \$5<sup>.00</sup> (FIV DOL), \$6<sup>.00</sup> (SIX DOL), \$7<sup>.00</sup> (SVN DOL), \$10<sup>.00</sup> (TEN DOL), \$17\$ (SVNTN), \$20\$ (TWENTY), \$27\$ (TWY SVN), \$51\$ (FTY ONE), \$170 (ONEHUNSTY) and \$170,000 (HUNSTYTHO).

(c) The prize play symbols and their captions located in the “Fast Cash Bonus” area are: \$5<sup>.00</sup> (FIV DOL), \$6<sup>.00</sup> (SIX DOL), \$7<sup>.00</sup> (SVN DOL), \$10<sup>.00</sup> (TEN DOL), \$17\$ (SVNTN), \$20\$ (TWENTY), \$27\$ (TWY SVN), \$51\$ (FTY ONE), \$170 (ONEHUNSTY) and NO BONUS (TRY AGAIN).

5. *Prizes:* The prizes that can be won in “Game 1” and “Game 3” area are \$5, \$6, \$7, \$10, \$17, \$20, \$27, \$51, \$170 and \$170,000. The prizes that can be won in “Game 2” and the “Fast Cash Bonus” area are \$5, \$6, \$7, \$10, \$17, \$20, \$27, \$51 and \$170.

6. *Approximate Number of Tickets Printed For the Game:*

Approximately 1,440,000 tickets will be printed for the Pennsylvania Four Leaf Fortune instant lottery game.

#### 7. *Determination of Prize Winners:*

(a) Determination of prize winners for “Game 1” are:

(1) Holders of tickets with three matching play symbols of \$170,000 (HUNSTYTHO) in the play area, on a single ticket, shall be entitled to a prize of \$170,000.

(2) Holders of tickets with three matching play symbols of \$170 (ONEHUNSTY) in the play area, on a single ticket, shall be entitled to a prize of \$170.

(3) Holders of tickets with three matching play symbols of \$51\$ (FTY ONE) in the play area, on a single ticket, shall be entitled to a prize of \$51.

(4) Holders of tickets with three matching play symbols of \$27\$ (TWY SVN) in the play area, on a single ticket, shall be entitled to a prize of \$27.

(5) 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.

(6) Holders of tickets with three matching play symbols of \$17\$ (SVNTN) in the play area, on a single ticket, shall be entitled to a prize of \$17.

(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 \$7<sup>.00</sup> (SVN DOL) in the play area, on a single ticket, shall be entitled to a prize of \$7.

(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.

(b) Determination of prize winners for “Game 2” are:

(1) Holders of tickets with three matching Leprechaun Symbol (LEPCH) play symbols in the same row, column or diagonal, and a prize play symbol of \$170 (ONEHUNSTY) in the “Prize” area for that game, on a single ticket, shall be entitled to a prize of \$170.

(2) Holders of tickets with three matching Leprechaun Symbol (LEPCH) play symbols in the same row, column

or diagonal, and a prize play symbol of \$51\$ (FTY ONE) in the "Prize" area for that game, on a single ticket, shall be entitled to a prize of \$51.

(3) Holders of tickets with three matching Leprechaun Symbol (LEPCH) play symbols in the same row, column or diagonal, and a prize play symbol of \$27\$ (TWY SVN) in the "Prize" area for that game, on a single ticket, shall be entitled to a prize of \$27.

(4) Holders of tickets with three matching Leprechaun Symbol (LEPCH) play symbols in the same row, column or diagonal, and a prize play symbol of \$20\$ (TWENTY) in the "Prize" area for that game, on a single ticket, shall be entitled to a prize of \$20.

(5) Holders of tickets with three matching Leprechaun Symbol (LEPCH) play symbols in the same row, column or diagonal, and a prize play symbol of \$17\$ (SVNTN) in the "Prize" area for that game, on a single ticket, shall be entitled to a prize of \$17.

(6) Holders of tickets with three matching Leprechaun Symbol (LEPCH) play symbols in the same row, column or diagonal, and a prize play symbol of \$10<sup>00</sup> (TEN DOL) in the "Prize" area for that game, on a single ticket, shall be entitled to a prize of \$10.

(7) Holders of tickets with three matching Leprechaun Symbol (LEPCH) play symbols in the same row, column or diagonal, and a prize play symbol of \$7<sup>00</sup> (SVN DOL) in the "Prize" area for that game, on a single ticket, shall be entitled to a prize of \$7.

(8) Holders of tickets with three matching Leprechaun Symbol (LEPCH) play symbols in the same row, column or diagonal, and a prize play symbol of \$6<sup>00</sup> (SIX DOL) in the "Prize" area for that game, on a single ticket, shall be entitled to a prize of \$6.

(9) Holders of tickets with three matching Leprechaun Symbol (LEPCH) play symbols in the same row, column or diagonal, and a prize play symbol of \$5<sup>00</sup> (FIV DOL) in the "Prize" area for that game, 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 where any one of the "Your Symbols" play symbols matches the "Lucky Symbol" play symbol and a prize play symbol of \$170,000 (HUNSTYTHO) appears under the matching "Your Symbols" play symbol, on a single ticket, shall be entitled to a prize of \$170,000.

(2) Holders of tickets where any one of the "Your Symbols" play symbols matches the "Lucky Symbol" play symbol and a prize play symbol of \$170 (ONEHUNSTY) appears under the matching "Your Symbols" play symbol, on a single ticket, shall be entitled to a prize of \$170.

(3) Holders of tickets where any one of the "Your Symbols" play symbols matches the "Lucky Symbol" play symbol and a prize play symbol of \$51\$ (FTY ONE) appears under the matching "Your Symbols" play symbol, on a single ticket, shall be entitled to a prize of \$51.

(4) Holders of tickets where any one of the "Your Symbols" play symbols matches the "Lucky Symbol" play symbol and a prize play symbol of \$27\$ (TWY SVN) appears under the matching "Your Symbols" play symbol, on a single ticket, shall be entitled to a prize of \$27.

(5) Holders of tickets where any one of the "Your Symbols" play symbols matches the "Lucky Symbol" play symbol and a prize play symbol of \$20\$ (TWENTY)

appears under the matching "Your Symbols" play symbol, on a single ticket, shall be entitled to a prize of \$20.

(6) Holders of tickets where any one of the "Your Symbols" play symbols matches the "Lucky Symbol" play symbol and a prize play symbol of \$17\$ (SVNTN) appears under the matching "Your Symbols" play symbol, on a single ticket, shall be entitled to a prize of \$17.

(7) Holders of tickets where any one of the "Your Symbols" play symbols matches the "Lucky Symbol" play symbol and a prize play symbol of \$10<sup>00</sup> (TEN DOL) appears under the matching "Your Symbols" play symbol, on a single ticket, shall be entitled to a prize of \$10.

(8) Holders of tickets where any one of the "Your Symbols" play symbols matches the "Lucky Symbol" play symbol and a prize play symbol of \$7<sup>00</sup> (SVN DOL) appears under the matching "Your Symbols" play symbol, on a single ticket, shall be entitled to a prize of \$7.

(9) Holders of tickets where any one of the "Your Symbols" play symbols matches the "Lucky Symbol" play symbol and a prize play symbol of \$6<sup>00</sup> (SIX DOL) appears under the matching "Your Symbols" play symbol, on a single ticket, shall be entitled to a prize of \$6.

(10) Holders of tickets where any one of the "Your Symbols" play symbols matches the "Lucky Symbol" play symbol and a prize play symbol of \$5<sup>00</sup> (FIV DOL) appears under the matching "Your Symbols" play symbol, on a single ticket, shall be entitled to a prize of \$5.

(d) Determination of prize winners for the "Fast Cash Bonus" are:

(1) Holders of tickets with a prize play symbol of \$170 (ONEHUNSTY) in the "Fast Cash Bonus" area, on a single ticket, shall be entitled to a prize of \$170.

(2) Holders of tickets with a prize play symbol of \$51\$ (FTY ONE) in the "Fast Cash Bonus" area, on a single ticket, shall be entitled to a prize of \$51.

(3) Holders of tickets with a prize play symbol of \$27\$ (TWY SVN) in the "Fast Cash Bonus" area, on a single ticket, shall be entitled to a prize of \$27.

(4) Holders of tickets with a prize play symbol of \$20\$ (TWENTY) in the "Fast Cash Bonus" area, on a single ticket, shall be entitled to a prize of \$20.

(5) Holders of tickets with a prize play symbol of \$17\$ (SVNTN) in the "Fast Cash Bonus" area, on a single ticket, shall be entitled to a prize of \$17.

(6) Holders of tickets with a prize play symbol of \$10<sup>00</sup> (TEN DOL) in the "Fast Cash Bonus" area, on a single ticket, shall be entitled to a prize of \$10.

(7) Holders of tickets with a prize play symbol of \$7<sup>00</sup> (SVN DOL) in the "Fast Cash Bonus" area, on a single ticket, shall be entitled to a prize of \$7.

(8) Holders of tickets with a prize play symbol of \$6<sup>00</sup> (SIX DOL) in the "Fast Cash Bonus" area, on a single ticket, shall be entitled to a prize of \$6.

(9) Holders of tickets with a prize play symbol of \$5<sup>00</sup> (FIV DOL) in the "Fast Cash Bonus" area, on a single ticket, shall be entitled to a prize of \$5.

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>Fast \$ Bonus</i>	<i>Match 3 Amts Game 1</i>	<i>Tic-Tac-Toe Game 2</i>	<i>Key # Match Game 3</i>	<i>Win</i>	<i>Approximate Odds</i>	<i>Approximate No. of Winners Per 1,440,000 Tickets</i>
\$5				\$5	1:60	24,000
	\$5			\$5	1:20	72,000
		\$5		\$5	1:20	72,000
			\$5	\$5	1:30	48,000
\$6				\$6	1:300	4,800
	\$6			\$6	1:600	2,400
		\$6		\$6	1:600	2,400
			\$6	\$6	1:600	2,400
\$7				\$7	1:150	9,600
	\$7			\$7	1:300	4,800
		\$7		\$7	1:300	4,800
			\$7	\$7	1:300	4,800
			\$5 x 2	\$10	1:300	4,800
\$10				\$10	1:300	4,800
	\$10			\$10	1:300	4,800
		\$10		\$10	1:300	4,800
			\$10	\$10	1:300	4,800
\$10		\$7		\$17	1:30	48,000
\$17				\$17	1:30	48,000
	\$17			\$17	1:75	19,200
		\$17		\$17	1:75	19,200
			\$17	\$17	1:150	9,600
	\$5	\$5	\$5 x 2	\$20	1:600	2,400
\$20				\$20	1:600	2,400
	\$20			\$20	1:600	2,400
		\$20		\$20	1:600	2,400
			\$20	\$20	1:600	2,400
\$17	\$10			\$27	1:6,000	240
\$17		\$10		\$27	1:4,000	360
\$17			\$10	\$27	1:4,000	360
\$17	\$5	\$5		\$27	1:4,000	360
\$17		\$5	\$5	\$27	1:4,000	360
\$17	\$5		\$5	\$27	1:4,000	360
\$17			\$5 x 2	\$27	1:4,000	360
\$27				\$27	1:15,000	96
	\$27			\$27	1:15,000	96
		\$27		\$27	1:15,000	96
			\$27	\$27	1:15,000	96
\$51				\$51	1:40,000	36
\$17			\$17 x 2	\$51	1:40,000	36
\$17	\$17	\$17		\$51	1:40,000	36
\$17		\$17	\$17	\$51	1:40,000	36
	\$51			\$51	1:120,000	12
		\$51		\$51	1:120,000	12
			\$51	\$51	1:120,000	12
\$170				\$170	1:240,000	6
\$17	\$51	\$51	\$51	\$170	1:240,000	6
\$17		\$51	\$51 x 2	\$170	1:240,000	6
\$17			\$51 x 3	\$170	1:240,000	6
	\$170			\$170	1:240,000	6
		\$170		\$170	1:240,000	6
			\$170	\$170	1:240,000	6
	\$170,000			\$170,000	1:1,440,000	1
			\$170,000	\$170,000	1:1,440,000	1

9. *Retailer Incentive Awards:* The Lottery may conduct a separate Retailer Incentive Game for retailers who sell Pennsylvania Four Leaf Fortune 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 Four Leaf Fortune, prize money from winning Pennsylvania Four

Leaf Fortune 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 Four Leaf Fortune 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 cus-

tomers 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 Four Leaf Fortune or through normal communications methods.

LARRY P. WILLIAMS,  
Secretary

[Pa.B. Doc. No. 02-19. Filed for public inspection January 4, 2002, 9:00 a.m.]

### Pennsylvania Win For Life '02 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 Win For Life '02.

2. *Price:* The price of a Pennsylvania Win For Life '02 instant lottery game ticket is \$2.00.

#### 3. *Play Symbols:*

(a) Each Pennsylvania Win For Life '02 instant lottery game ticket will contain three play areas known as "Game 1," "Game 2" and "Game 3" respectively. Each game has a different game play method and is played separately. Each Pennsylvania Win For Life '02 instant lottery game ticket will also contain a "Fast Cash Bonus" area.

(b) The play symbols and their captions located in the play area for "Game 1" are: \$2<sup>00</sup> (TWO DOL), \$4<sup>00</sup> (FOR DOL), \$8<sup>00</sup> (EGT DOL), \$20\$ (TWENTY), \$40\$ (FORTY), \$200 (TWO HUN) and LIFE (\$1,000/WEEK).

(c) The play symbols and their captions located in the play area for "Game 2" are: Keystone Symbol (KYSTN) and an X Symbol (XXX).

(d) The play area for "Game 3" will contain a "Your Numbers" area and a "Lucky Number" area. The play symbols and their captions located in the "Your Numbers" area and the "Lucky Number" area in the play area for "Game 3" are: 1 (ONE), 2 (TWO), 3 (THREE), 4 (FOUR), 5 (FIVE), 6 (SIX), 7 (SEVEN), 8 (EIGHT) and 9 (NINE).

#### 4. *Prize Play Symbols:*

(a) The play area for "Game 2" will contain a "Prize" area. The prize play symbols and their captions located in the "Prize" area for "Game 2" are: \$2<sup>00</sup> (TWO DOL), \$4<sup>00</sup> (FOR DOL), \$8<sup>00</sup> (EGT DOL), \$20\$ (TWENTY), \$40\$ (FORTY), \$200 (TWO HUN) and LIFE (\$1,000/WEEK).

(b) The prize play symbols and their captions located in the six "Prize" areas for "Game 3" are: \$1<sup>00</sup> (ONE DOL), \$2<sup>00</sup> (TWO DOL), \$4<sup>00</sup> (FOR DOL), \$20\$ (TWENTY), \$40\$ (FORTY), \$200 (TWO HUN) and LIFE (\$1,000/WEEK).

(c) The prize play symbols and their captions located in the "Fast Cash Bonus" area are: \$4<sup>00</sup> (FOR DOL), \$8<sup>00</sup> (EGT DOL), \$20\$ (TWENTY), \$40\$ (FORTY) and TRY AGAIN.

5. *Prizes:* The prizes that can be won in "Game 1" and "Game 2" are \$2, \$4, \$8, \$20, \$40, \$200 and \$1,000 a week for life (\$1 million lifetime minimum). The prizes that can be won in "Game 3" are \$1, \$2, \$4, \$20, \$40, \$200 and \$1,000 a week for life (\$1 million lifetime minimum). The prizes that can be won in the "Fast Cash Bonus" area are \$4, \$8, \$20 and \$40. The player can win up to nine times on a ticket.

6. *Approximate Number of Tickets Printed For the Game:*

Approximately 12,960,000 tickets will be printed for the Pennsylvania Win For Life '02 instant lottery game.

#### 7. *Determination of Prize Winners:*

(a) Determination of prize winners for "Game 1" are:

(1) Holders of tickets with three matching play symbols of LIFE (\$1,000/WEEK) in the play area, on a single ticket, shall be entitled to a prize of \$1,000 a week for life (\$1 million lifetime minimum) which will be paid by an initial cash payment of \$52,000 plus equal annual payments of \$52,000 over the lifetime of the winner and continuing under the provisions of 61 Pa. Code § 811.16 (relating to prizes payable after death of prize winner) until the \$1 million minimum has been paid to the estate of the deceased. If the winner of the Pennsylvania Win For Life '02 prize is younger than 18 years of age, the winner will not begin to receive the prize until the winner reaches 18 years of age. Only one claimant per ticket allowed.

(2) Holders of tickets with three matching play symbols of \$200 (TWO HUN) in the play area, on a single ticket, shall be entitled to a prize of \$200.

(3) 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.

(4) 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.

(5) 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.

(6) 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.

(7) 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.

(b) Determination of prize winners for "Game 2" are:

(1) Holders of tickets with three matching Keystone Symbol (KYSTN) play symbols in the same row, column or diagonal, and a prize play symbol of LIFE (\$1,000/WEEK) in the "Prize" area for that game, on a single ticket, shall be entitled to a prize of \$1,000 a week for life (\$1 million lifetime minimum) which will be paid by an initial cash payment of \$52,000 plus equal annual payments of \$52,000 over the lifetime of the winner and continuing under the provisions of 61 Pa. Code § 811.16 until the \$1 million minimum has been paid to the estate of the deceased. If the winner of the Pennsylvania Win For Life '02 prize is younger than 18 years of age, the winner will not begin to receive the prize until the winner reaches 18 years of age. Only one claimant per ticket allowed.

(2) Holders of tickets with three matching Keystone Symbol (KYSTN) play symbols in the same row, column



or diagonal, and a prize play symbol of \$200 (TWO HUN) in the "Prize" area for that game, on a single ticket, shall be entitled to a prize of \$200.

(3) Holders of tickets with three matching Keystone Symbol (KYSTN) play symbols in the same row, column or diagonal, and a prize play symbol of \$40\$ (FORTY) in the "Prize" area for that game, on a single ticket, shall be entitled to a prize of \$40.

(4) Holders of tickets with three matching Keystone Symbol (KYSTN) play symbols in the same row, column or diagonal, and a prize play symbol of \$20\$ (TWENTY) in the "Prize" area for that game, on a single ticket, shall be entitled to a prize of \$20.

(5) Holders of tickets with three matching Keystone Symbol (KYSTN) play symbols in the same row, column or diagonal, and a prize play symbol of \$8<sup>00</sup> (EGT DOL) in the "Prize" area for that game, on a single ticket, shall be entitled to a prize of \$8.

(6) Holders of tickets with three matching Keystone Symbol (KYSTN) play symbols in the same row, column or diagonal, and a prize play symbol of \$4<sup>00</sup> (FOR DOL) in the "Prize" area for that game, on a single ticket, shall be entitled to a prize of \$4.

(7) Holders of tickets with three matching Keystone Symbol (KYSTN) play symbols in the same row, column or diagonal, and a prize play symbol of \$2<sup>00</sup> (TWO DOL) in the "Prize" area for that game, on a single ticket, shall be entitled to a prize of \$2.

(c) Determination of prize winners for "Game 3" are:

(1) Holders of tickets where any one of the "Your Numbers" play symbols matches the "Lucky Number" play symbol and a prize play symbol of LIFE (\$1,000/WEEK) 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 a week for life (\$1 million lifetime minimum) which will be paid by an initial cash payment of \$52,000 plus equal annual payments of \$52,000 over the lifetime of the winner and continuing under the provisions of 61 Pa. Code § 811.16 until the \$1 million minimum has been paid to the estate of the deceased. If the winner of the Pennsylvania Win For Life '02 prize is younger than 18 years of age, the winner will not begin to receive the prize until the winner reaches 18 years of age. Only one claimant per ticket allowed.

(2) Holders of tickets where any one of the "Your Numbers" play symbols matches the "Lucky 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.

(3) Holders of tickets where any one of the "Your Numbers" play symbols matches the "Lucky 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.

(4) Holders of tickets where any one of the "Your Numbers" play symbols matches the "Lucky 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.

(5) Holders of tickets where any one of the "Your Numbers" play symbols matches the "Lucky Number" play symbol and a prize play symbol of \$4<sup>00</sup> (FOR DOL) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$4.

(6) Holders of tickets where any one of the "Your Numbers" play symbols matches the "Lucky Number" play symbol and a prize play symbol of \$2<sup>00</sup> (TWO DOL) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$2.

(7) Holders of tickets where any one of the "Your Numbers" play symbols matches the "Lucky Number" play symbol and a prize play symbol of \$1<sup>00</sup> (ONE DOL) appears in the "Prize" area under the matching "Your Numbers" play symbol, on a single ticket, shall be entitled to a prize of \$1.

(d) Determination of prize winners for the "Fast Cash Bonus" are:

(1) Holders of tickets with a prize play symbol of \$40\$ (FORTY) in the "Fast Cash Bonus" area, on a single ticket, shall be entitled to a prize of \$40.

(2) Holders of tickets with a prize play symbol of \$20\$ (TWENTY) in the "Fast Cash Bonus" area, on a single ticket, shall be entitled to a prize of \$20.

(3) Holders of tickets with a prize play symbol of \$8<sup>00</sup> (EGT DOL) in the "Fast Cash Bonus" area, on a single ticket, shall be entitled to a prize of \$8.

(4) Holders of tickets with a prize play symbol of \$4<sup>00</sup> (FOR DOL) in the "Fast Cash Bonus" area, on a single ticket, shall be entitled to a prize of \$4.

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>Fast Cash Bonus</i>	<i>Match 3 Amts Game 1</i>	<i>Tic-Tac-Toe Game 2</i>	<i>Key # Match Game 3</i>	<i>Win</i>	<i>Approximate Odds</i>	<i>Approximate No. of Winners Per 12,960,000 Tickets</i>
		\$2		\$2	1:19.74	656,640
			\$2	\$2	1:21.43	604,800
\$4	\$2			\$2	1:21.43	604,800
		\$4		\$4	1:750	17,280
	\$4			\$4	1:750	17,280
			\$4	\$4	1:1,500	8,640
		\$2	\$1 x 2	\$4	1:150	86,400
	\$2		\$1 x 2	\$4	1:150	86,400

<i>Fast Cash Bonus</i>	<i>Match 3 Amts Game 1</i>	<i>Tic-Tac-Toe Game 2</i>	<i>Key # Match Game 3</i>	<i>Win</i>	<i>Approximate Odds</i>	<i>Approximate No. of Winners Per 12,960,000 Tickets</i>
			\$1 x 4	\$4	1:62.50	207,360
\$8	\$2	\$2		\$4	1:150	86,400
		\$8		\$8	1:750	17,280
	\$8			\$8	1:750	17,280
\$4		\$4		\$8	1:750	17,280
\$4			\$1 x 4	\$8	1:375	34,560
\$4	\$2	\$2		\$8	1:500	25,920
\$4		\$2	\$2	\$8	1:375	34,560
	\$2		\$1 x 6	\$8	1:375	34,560
\$20				\$20	1:1,500	8,640
		\$20		\$20	1:1,500	8,640
	\$20			\$20	1:750	17,280
			\$20	\$20	1:750	17,280
\$4	\$2	\$2	\$2 x 6	\$20	1:750	17,280
\$4	\$4	\$4	\$4 x 2	\$20	1:750	17,280
\$8	\$4	\$8		\$20	1:750	17,280
\$8	\$8		\$4	\$20	1:750	17,280
\$8	\$2	\$2	\$4 x 2	\$20	1:750	17,280
\$8	\$2	\$4	\$1 x 6	\$20	1:750	17,280
\$8	\$4	\$4	\$4	\$20	1:750	17,280
\$40				\$40	1:1,500	8,640
		\$40		\$40	1:1,500	8,640
	\$40			\$40	1:1,500	8,640
\$20	\$4	\$4	\$2 x 6	\$40	1:1,500	8,640
\$20	\$20			\$40	1:1,500	8,640
	\$20	\$20		\$40	1:1,200	10,800
		\$20	\$20	\$40	1:1,200	10,800
\$20	\$8		\$2 x 6	\$40	1:1,200	10,800
\$20		\$8	\$2 x 6	\$40	1:1,200	10,800
	\$20	\$20	\$40 x 4	\$200	1:120,000	108
\$40	\$20	\$20	\$20 x 6	\$200	1:120,000	108
	\$40	\$40	\$40 x 3	\$200	1:120,000	108
		\$200		\$200	1:120,000	108
	\$200			\$200	1:120,000	108
	LIFE		\$200	\$200	1:120,000	108
				\$1,000/WK	1:12,960,000	1
				/LIFE		
		LIFE		\$1,000/WK	1:12,960,000	1
				/LIFE		
			LIFE	\$1,000/WK	1:12,960,000	1
				/LIFE		

9. *Claiming of Prizes.* For purposes of claiming the \$1,000 a week for life prize under the Pennsylvania Win For Life '02 game, "lifetime" for legal entities shall be defined as 20 years beginning the date the prize is claimed. Only one claimant per ticket is allowed for the \$1,000 a week for life prize.

10. *Retailer Incentive Awards:* The Lottery may conduct a separate Retailer Incentive Game for retailers who sell Pennsylvania Win For Life '02 instant lottery game tickets. The conduct of the game will be governed by 61 Pa. Code § 819.222 (relating to retailer bonuses and incentives).

11. *Unclaimed Prize Money:* For a period of 1 year from the announced close of Pennsylvania Win For Life '02, prize money from winning Pennsylvania Win For Life '02 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 Win For Life '02 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.

12. *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.

13. *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 Win For Life '02 or through normal communications methods.

LARRY P. WILLIAMS,  
*Secretary*

[Pa.B. Doc. No. 02-20. Filed for public inspection January 4, 2002, 9:00 a.m.]

# HEALTH CARE COST CONTAINMENT COUNCIL

## Meetings Scheduled

The following meetings of the Health Care Cost Containment Council (Council) have been scheduled: Wednesday, January 9, 2002, Data Systems Committee Meeting—10 a.m., Education Committee Meeting—1 p.m., Mandated Benefits Review Committee Meeting—3 p.m.; Thursday, January 10, 2002, Council Meeting—10 a.m. The meetings will be held in the conference room at the Council Office, 225 Market Street, Suite 400, Harrisburg, PA 17101. The public is invited to attend. Persons who require accommodation due to a disability and wish to attend the meetings, should contact Cherie Elias, Health Care Cost Containment Council, 225 Market Street, Harrisburg, PA 17101, (717) 232-6787 at least 24 hours in advance so that arrangements can be made.

MARC P. VOLAVKA,  
*Executive Director*

[Pa.B. Doc. No. 02-21. Filed for public inspection January 4, 2002, 9:00 a.m.]

# INDEPENDENT REGULATORY REVIEW COMMISSION

## Actions Taken By the Commission

The Independent Regulatory Review Commission met publicly at 10:30 a.m., Thursday, December 20, 2001, and took the following actions:

### *Regulations Approved:*

State Board of Psychology #16A-6311: Examination Fees (amends 49 Pa. Code Chapter 41)

State Board of Funeral Directors #16A-482: Application Fees (amends 49 Pa. Code § 13.12)

Department of Banking #3-40: Mortgage Bankers and Brokers; Continuing Education (amends 10 Pa. Code Chapter 44)

Department of Health #10-156: Reporting of Communicable and Noncommunicable Diseases (amends 28 Pa. Code Chapters 27 and 211)

*Commissioners Voting:* John R. McGinley, Jr., Chairperson; Alvin C. Bush, Vice Chairperson, by phone; Arthur Coccodrilli; Robert J. Harbison, III; John F. Mizner

Public Meeting held  
December 20, 2001

*State Board of Psychology—Examination Fees; Regulation No. 16A-6311*

On April 23, 2001, the Independent Regulatory Review Commission (Commission) received this proposed regulation from the State Board of Psychology (Board). This rulemaking amends 49 Pa. Code Chapter 41. The proposed regulation was published in the May 5, 2001, *Pennsylvania Bulletin* with a 30-day public comment

period. The final-form regulation was submitted to the Commission on November 27, 2001.

The Board deleted references to two examination fees and an administration fee. Applicants for these exams pay the fees directly to the National examiners. The deletion of these fees from the Board's regulations will not have an effect on the regulated community, since candidates for licensure will still be required to pay the fees directly to the appropriate National examiner.

We have determined this regulation is consistent with the statutory authority of the State Board of Psychology (63 P.S. § 1203.3) 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.

*Commissioners Voting:* John R. McGinley, Jr., Chairperson; Alvin C. Bush, Vice Chairperson, by phone; Arthur Coccodrilli; Robert J. Harbison, III; John F. Mizner

Public Meeting held  
December 20, 2001

*State Board of Funeral Directors—Application Fees; Regulation No. 16A-482*

On March 6, 2001, the Independent Regulatory Review Commission (Commission) received this proposed regulation from the State Board of Funeral Directors (Board). This rulemaking amends 49 Pa. Code § 13.12. The proposed regulation was published in the March 17, 2001, *Pennsylvania Bulletin* with a 30-day public comment period. The final-form regulation was submitted to the Commission on November 27, 2001.

This regulation creates three new fees, reduces an existing fee and increases eight existing fees. These changes result from a systems audit of the operations of the Bureau of Professional and Occupational Affairs. The Board estimates that 1,800 persons will use one or more of the enumerated services covered by these fees within a biennial period. Total additional costs for the regulated community for the biennial period would be \$29,500. However, only those requesting the services will be affected.

We have determined this regulation is consistent with the statutory authority of the Board (63 P.S. § 479.18.1) 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.

*Commissioners Voting:* John R. McGinley, Jr., Chairperson; Alvin C. Bush, Vice Chairperson, by phone; Arthur Coccodrilli; Robert J. Harbison, III; John F. Mizner

Public Meeting held  
December 20, 2001

*Department of Banking—Mortgage Bankers and Brokers; Continuing Education; Regulation No. 3-40*

On February 1, 2001, the Independent Regulatory Review Commission (Commission) received this proposed regulation from the Department of Banking (Depart-

ment). This rulemaking amends 10 Pa. Code Chapter 44. The proposed regulation was published in the March 3, 2001, *Pennsylvania Bulletin* with a 30-day public comment period. The final-form regulation was submitted to the Commission on November 20, 2001.

This regulation establishes a required continuing education program for licensed first mortgage bankers, brokers, loan correspondents and limited mortgage brokers. Mortgage bankers, brokers and loan correspondents are required to complete 6 hours of continuing education per annual renewal period. Limited mortgage brokers are required to complete 2 hours of continuing education per annual renewal period. The final-form regulation also establishes requirements for Department approval of continuing education programs.

We have determined this regulation is consistent with the statutory authority of the Department of Banking (63 P. S. §§ 456.304(e) and 456.310(a)) 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.

*Commissioners Voting:* John R. McGinley, Jr., Chairperson; Alvin C. Bush, Vice Chairperson, by phone; Arthur Coccodrilli; Robert J. Harbison, III; John F. Mizner

Public Meeting held  
December 20, 2001

*Department of Health—Reporting of Communicable and Noncommunicable Diseases; Regulation No. 10-156*

On May 17, 2000, the Independent Regulatory Review Commission (Commission) received this proposed regulation from the Department of Health. This rulemaking amends 28 Pa. Code, Chapters 27 and 211. The proposed regulation was published in the May 27, 2000, *Pennsylvania Bulletin* with a 30-day public comment period. The final-form regulation was submitted to the Commission on November 26, 2001.

This rulemaking updates the existing reporting system for disease prevention and control within Pennsylvania. These amendments will affect numerous types, including: health care providers, health care practitioners, health care facilities, clinical laboratories and child care group settings.

We have determined this regulation is consistent with the statutory authority of the Department of Health (35 P. S. §§ 521.16(a)) 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. 02-22. Filed for public inspection January 4, 2002, 9:00 a.m.]

**Notice of Comments Issued**

Section 5(d) of the Regulatory Review Act (71 P. S. § 745.5(d)) provides that the designated standing commit-

tees may issue comments within 20 days of the close of the public comment period, and the Independent Regulatory Review Commission (Commission) may issue comments within 10 days of the close of the committees' comment period. The Commission's Comments are based upon the criteria contained in section 5.1(h) and (i) of the Regulatory Review Act (71 P. S. § 745.5a(h) and (i)).

The Commission issued comments on the following proposed regulation. The agency must consider these comments in preparing the final-form regulation. The final-form regulation must be submitted by the date indicated.

<i>Reg. No.</i>	<i>Agency/Title</i>	<i>Issued</i>	<i>Final-Form Submission Deadline</i>
14-472	Department of Public Welfare TANF Program (31 Pa.B. 5875 (October 20, 2001))	12/20/01	11/19/03

**Department of Public Welfare Regulation No. 14-472  
TANF Program  
December 20, 2001**

We submit for consideration the following objections and recommendations regarding this regulation. Each objection or recommendation includes a reference to the criteria in the Regulatory Review Act (71 P. S. § 745.5a(h) and (i)) which have not been met. The Department of Public Welfare (Department) must respond to these Comments when it submits the final-form regulation. If the final-form regulation is not delivered by November 19, 2003, the regulation will be deemed withdrawn.

**1. General.—Consistency with statute; Implementation procedures; Reasonableness; Clarity.**

*Implementation procedures.*

In Senator Hughes' letter to the Department dated December 7, 2001, he states, "The proposed regulations do not appear to be an accurate reflection of DPW's current policies. Further, the proposal does not fully implement the Department's policies on receipt of TANF after 60 months." He specifically mentions four concerns with the regulation.

It is unclear to the Commission why the program areas outlined by Senator Hughes were not included in the proposed rulemaking. Since these provisions were not included in the proposed regulation, we have three concerns. First, current Department practice conflicts with the language in the regulations. Does the Department intend to continue these policies, or rescind them when the final-form regulation is implemented? Second, if the policies are to be retained, they should be promulgated as regulations because the regulations in place will supercede the policies. Third, if the Department intends to retain these policies, how will the Department implement them in conjunction with this final-form regulation?

*Maximize employment*

Throughout this regulation, individuals are required to "maximize" employment. The Public Welfare Code at 62 P. S. § 405.1(a.2) requires an individual to work 20 hours a week, but it does not include the requirement to "maximize" employment. To be consistent with the statute, the requirement to "maximize" employment should be deleted from the following sections:

- Section 125.1(f)(2)(vi)
- Section 133.23(a)(1)(vi)(B)(VI)

- Section 141.41(e)
- Section 141.61(a)(1)(xv)
- Section 165.1(a)
- Section 165.2
- Section 165.31(b)
- Section 165.61(a)(6)

#### *Assessment*

In accordance with 45 CFR 261.11,

... the State must make an initial assessment of the skills, prior work experience and employability of each recipient who is at least age 18 or who has not completed high school (or equivalent) and is not attending secondary school.

Similarly, 62 P. S. § 405.1(a.2)(4) requires the following:

If the initial job search period concludes without the applicant or recipient obtaining full-time employment or employment for an average of at least twenty hours per week, the county assistance office, in consultation with the applicant or recipient, shall assess the additional measures that may be necessary for the applicant or recipient to seek and obtain employment, including the work-related activities that will be used to meet the on-going work-related requirement. These measures shall be incorporated into the applicant's or recipient's agreement of mutual responsibility pursuant to section 405.3.

Commentators said these assessments are important to direct recipients to programs they may not be aware of, such as courses in English-as-a-second language. An assessment could avoid sanctions under Section 165.61 for this violation. When does the Department do this assessment? The Department's procedure for assessment should be included in the regulation.

#### **2. Section 141.41. Policy.—Consistency with statute; Clarity.**

##### *Subsection (f)*

According to Federal law under 42 U.S.C.A. § 608(a)(7), four types of exceptions to the statutory 5-year time limit are permitted.

- A state may issue a "hardship" exception to 20% of the caseload under 42 U.S.C.A. § 608(a)(7)(C)(ii).
- A state may provide assistance to recipients at any time using state funds under 42 U.S.C.A. § 608(a)(7)(F).
- "Non-assistance" is available to recipients under 42 U.S.C.A. § 608(a)(7)(G).
- 42 U.S.C.A. § 608(a)(7)(C)(i) and (iii) exempt victims of domestic violence.

The Department has implemented some of these exceptions. Why doesn't the proposed regulations reflect all of the federal exemptions?

The Department has stated that regulations dealing with the exceptions to the time limits will be promulgated in the near future. The Department should publish these proposed rulemakings as soon as possible. Then the Department should file a comprehensive final-form regulation containing all TANF-related provisions as a single final-form regulation.

#### **3. Section 141.42. Definitions.—Reasonableness.**

##### *Family*

This regulation expands the definition of "family" to include certain adult relatives other than parents. Is it the Department's intention to disqualify children from

benefits based on the ineligibility for benefits of a grandmother or other non-parent caretaker? If not, the regulation should be redrafted to resolve this confusion.

#### **4. Section 141.61. Policy.—Consistency with statute; Reasonableness; Clarity.**

The statute at 62 P. S. § 405.1(a.2)(4) specifically states that all work related activity shall be incorporated into the Agreement of Mutual Responsibility (AMR). However, this section requires, as a condition of eligibility for benefits, that recipients who are not employed for an average of 20-hours per week perform work related activities "including" those specified in the AMR. The word "including," suggests the Department may require work activity that is not incorporated in the AMR. To be consistent with the statute, this requirement should be revised.

#### **5. Section 151.43. Requirements.—Consistency with statute; Reasonableness.**

##### *Subsection (d)(1)*

This requirement creates a 30-day period of ineligibility for a relative who fails to report within 5 days of the time that it becomes "clear" that the child's absence will extend beyond 180 days. There are two concerns. First, commentators have noted that this requirement is not found in either state or Federal law. The Department should identify the statutory basis for this requirement. Second, when would it be "clear" a child's absence will extend beyond 180 days?

#### **6. Section 153.44. Procedures.—Reasonableness.**

Commentators have raised concerns that two parent families could be penalized under this regulation similar to the way they were penalized under the former AFDC program. Is it the Department's intent to carry over AFDC restrictions pertaining to two parent families?

#### **7. Section 165.1. General.—Consistency with statute; Reasonableness; Clarity.**

##### *Subsection (a)*

Similar to our concern with Section 141.61, in addition to participants completing the 20-hour work requirement are they also required to participate in "other work-related activities"?

#### **8. Section 165.2. Definitions.—Consistency with statute; Reasonableness; Clarity.**

##### *Maximize employment*

To be consistent with the statute and with our suggestion to delete all references to the term "maximize employment," this definition should also be deleted.

#### **9. Section 165.21. Enrollment.—Consistency with statute; Reasonableness; Clarity.**

##### *Subsection (c)(2)*

The requirements of this section are inconsistent with 42 U.S.C.A. § 607(e)(2)(A). Under Federal Statute, a person may not be sanctioned because of the, "unavailability of appropriate child care within a reasonable distance from the individual's home or work site." However, this regulation does not include this exception. To be consistent with Federal statute, this exception should be included in the final-form regulation.

Also, to be consistent with 45 CFR 261.56 (b)(2)(ii), the Department should define the terms, "appropriate child care," and "reasonable distance."

**10. Section 165.25. Enrollment after an exemption ends.—Consistency with statute; Reasonableness; Clarity.**

*Notice*

This section deals with enrollment in work or work-related activities after the period of exemption ends for TANF recipients. The Department has stated that notices are sent out to participants when their period of exemption is ending. Will the Department continue its existing practice of notifying these recipients in writing? If so, the regulation should reflect this.

*Paragraph (2)*

This section states that a participant that is exempt from RESET is required to participate, “as soon as alternate child care arrangements are available.” Commentators have suggested that this provision might force parents to send their children to unsafe childcare providers. Commentators cite 45 CFR 261.56(b)(2)(ii) that includes the term “appropriate” when describing alternate childcare arrangements. To be consistent with Federal regulations, the Department should add the word “appropriate” before “alternative child care arrangements,” and define the term.

**11. Section 165.31. RESET participation requirements.—Consistency with statute; Need; Clarity.**

*Use of the word “approved”*

Throughout this section, the word “approved” is used in reference to:

- An “approved work-related activity”
- An “approved vocational education, general education, English-as-a-second language and job skills training” or
- “. . . the following activities, as approved by the Department.”

The word “approved” is used Subsections (c), (c)(2), (c)(3), (d)(1) and (f)(4). In contrast, the statute does not use the word “approved.” For example, the statute defines “work-related activity” and has lists of training and other activities (See 62 P. S. §§ 402, 405.1(a.2)(5) and 405.1(a.2)(6)). If approved refers to activities in the AMR, language should be added to the regulation to clearly state the activity must be in the individual’s AMR. Otherwise, what review process does the Department envision for these work activities and how is a requirement that these activities be approved consistent with the statute?

*Subsection (c) First 24 months.*

Paragraph (2) lists work-related activities, subject to the limitations in Paragraphs (3) and (4). However, the list and paragraphs do not include all of the limitations found in the definition of “work-related activity” in 62 P. S. § 402. For example, Subparagraph (2)(vii) of the regulation lists “general education,” that is later modified by Paragraph (4) for age limitations. However, 62 P. S. § 402 limits general education “subject to the individual maintaining satisfactory progress as defined by the school or education program.” The requirements in the regulation should be consistent with 62 P. S. § 402. Further, clarity would be improved by consolidating Paragraphs (2), (3) and (4) into one paragraph.

*Subsection (d) After 24 months.*

The list in Section 165.31(d)(1) is identical to 62 P. S. § 405.1(a.2)(6) with the exception of the reference to “unsubsidized employment.” What is “unsubsidized employment”? The same question applies to the use of the reference in Section 165.61(a)(10)(i).

Paragraph (d)(2) states that “. . . failure to comply with the requirements of this section, without good cause, will result in the imposition of sanctions as set forth in § 165.61.” In addition to referencing sanctions in Section 165.61, this section should also reference the compliance review process in Section 165.51, which is required by 62 P. S. § 405.1(a.2)(6).

*Subsection (f) Self-initiated education or training.*

It is unclear why this subsection is being expanded by adding conditions in Paragraphs (4) and (5). Paragraphs (4) and (5) restate the requirements of Subsections (c) and (d). It is further questionable whether Paragraphs (1), (2) and (3) are needed. For example, what is the purpose of requiring a person to attend at least half time as required by Paragraph (1)? Why is vocational training or technical training limited to pregnant females or a custodial parent as required by Paragraph (3)? Since self-initiated education must be approved, it may be sufficient to state the self-initiated programs must meet the requirements of Subsections (c) or (d).

*Special allowances for support services*

Special allowances for support services covers “items and services as determined by the Department to be necessary to enable a participant to prepare for, seek, accept or maintain education, employment or training.” (See 55 Pa. Code § 165.2.) However, Section 165.31 does not specify whether special allowances for support services are available to RESET participants. Are special allowances for support services available to all RESET participants, including those pursuing education? Will the AMR include a description of the special allowances for support services available?

**12. Section 165.51. Compliance review.—Reasonableness; Clarity.**

*Subsection (a)*

This subsection requires a caseworker to “consider the recipient’s schedule, including work and school obligations” when scheduling a compliance review. This requirement is vague. If the recipient has a conflict with the time chosen by the caseworker, is the caseworker required to set another time? How much notice must the caseworker give prior to scheduling a compliance review?

*Subsection (c)*

A cross reference should be added to this section establishing the mechanism a recipient can use to appeal an adverse decision rendered by a caseworker that results in sanctions.

This section also does not directly tie the phrase “good cause” to the considerations in Section 165.52. A cross reference should be added.

**13. Section 165.61. Sanctions.—Consistency with statute; Clarity.**

*Subsection (d)*

This section is consistent with 62 P. S. § 432.3(b), except that the regulation includes a limitation to the first 24 months. To be consistent with the statute the phrase “during the first 24 months that assistance is received” should be deleted.

**14. Section 165.71 Notification.—Reasonableness.**

Subsections (a) and (b) require notice from the Department, but do not specify when this notice must be sent. Time frames should be added to these subsections so that a recipient, or former recipient, can act in a timely manner to get reinstated when a sanction period ends.

**15. Section 183.71. Gross Income Test.—Reasonableness; Clarity.***Subsection (a)*

This subsection requires an income test of applicants, but not current recipients. A commentator claims this is unfair and could encourage working families not to leave the TANF program to preserve eligibility time, because a break of even one month could disqualify these families from further benefits. The Preamble does not clearly explain the reasoning behind this change. Why does the Department only apply this test to applicants?

**16. Section 187.22. Definitions.—Clarity; Reasonableness.***Budget group*

This definition states, "One or more related or unrelated individuals who occupy a common residence . . . and whose needs and eligibility are *considered together* in determining eligibility for cash assistance . . ." (Emphasis added). Would this definition discourage support from a non-custodial parent if that support must be included in the budget group income?

**17. Section 187.25. Notification to the Applicant or Recipient.—Reasonableness.**

Subsection (a) states ". . . the CAO will provide oral and written notice of the cooperation requirements to the applicant or recipient." However, the next sentence only requires written notice. The Department should include the same requirements for oral and written notice in Subsection (a).

**18. Section 187.27. Waiver of Cooperation For Good Cause.—Clarity; Reasonableness.***Subsections (b) and (c)*

The term "corroborate" is used in Subsections (b) and (c) to prove good cause. However, the term "verification" is used in Subsection (b)(1)(vii) and in the second sentence of Subsection (c)(4)(i). There are two concerns. First, for clarity, the same term should be used throughout Subsections (b) and (c). Second, why is the term "corroborate" used rather than the term "verify"?

*Subsection (b)(1)(vi)*

The final sentence in this subparagraph provides an important safeguard. However, this provision may be more appropriate and effective at the end of Subsection 187.27(b)(2).

*Subsection (b)(1)(vii)*

This subparagraph requires "the person with domestic violence training" to complete the good cause waiver application. However, commentators state that the Department and the Domestic Violence Task Force agreed that the CAO would complete the waiver application, working with the recipient. What qualifications must a person have to complete the good cause waiver application?

*Subsection (c)(3)*

This subsection, in part, states, "the CAO, Court of Common Pleas, or the DRS will establish the expiration of the waiver." However, under 42 U.S.C.A. § 602 (7)(A)(iii), a state may ". . . waive, pursuant to a determination of good cause, other program requirements such as time limits (for so long as necessary) for individuals receiving assistance . . ." A commentator states that currently good cause waivers do not have a set expiration date, but rather the waiver is reevaluated every 6

months. Is a set expiration date as opposed to a 6 month review needed for a good cause waiver? Can an expired waiver be reinstated?

*Subsection (c)(4)(i)*

This subparagraph is not clear. The first sentence does not require any additional corroborative evidence for a good cause waiver as long as the situation has not changed. However, the second sentence states, "the recipient must establish that continuation of the good cause waiver is necessary by providing verification of good cause. . . ." These requirements are contradictory and should be revised to state the Department's intent.

JOHN R. MCGINLEY, Jr.,  
*Chairperson*

[Pa.B. Doc. No. 02-23. Filed for public inspection January 4, 2002, 9:00 a.m.]

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## INSURANCE DEPARTMENT

**Harleysville Mutual Insurance Company; Homeowners Insurance Rate Filing**

On December 14, 2001, the Insurance Department (Department) received from Harleysville Mutual Insurance Company a filing for a proposed rate level and rule changes for homeowners insurance.

The company requests an overall 12.7% increase amounting to \$2.255 million annually, to be effective January 25, 2002, for new business and March 16, 2002, for renewal business.

Unless formal administrative action is taken prior to February 12, 2002, 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 offices in Harrisburg, Philadelphia, Pittsburgh and Erie.

Interested parties are invited to submit written comments, suggestions or objections to Xiaofeng Lu, Insurance Department, Bureau of Regulation of Rates and Policies, Room 1311, Strawberry Square, Harrisburg, PA 17120, (e-mail at xlu@state.pa.us) within 30 days after publication of this notice in the *Pennsylvania Bulletin*.

M. DIANE KOKEN,  
*Insurance Commissioner*

[Pa.B. Doc. No. 02-24. Filed for public inspection January 4, 2002, 9:00 a.m.]

**Nationwide Mutual Insurance Company; Private Passenger Automobile Rate Revision**

On December 17, 2001, the Insurance Department (Department) received from Nationwide Mutual Insurance Company a filing for a rate level change for private passenger automobile insurance.

The company requests an overall 1.7% increase amounting to \$9,137,000 annually, to be effective June 15, 2002.

Unless formal administrative action is taken prior to February 15, 2002, 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.

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](mailto: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. 02-25. Filed for public inspection January 4, 2002, 9:00 a.m.]

**PENNSYLVANIA  
INFRASTRUCTURE  
INVESTMENT AUTHORITY  
AND  
DEPARTMENT OF  
ENVIRONMENTAL  
PROTECTION**

**Clean Water State Revolving Fund Projects; Public Hearing on Federal FY 2002 and 2003 Project Priority List and FY 2002 Intended Use Plan**

The Pennsylvania Infrastructure Investment Authority (PENNVEST) and the Department of Environmental Protection (DEP) have prepared a combined Federal fiscal year 2002 and 2003 wastewater construction Project Priority List (PPL) and the fiscal year 2002 Intended Use Plan (IUP) list of municipal wastewater projects to be considered for a construction loan from funds Pennsylvania expects to receive from fiscal year 2002 funds approved by Congress to capitalize the Clean Water State Revolving Fund (CWSRF) program.

The projects included on the PPL have a project priority rating under DEP's regulations in Chapter 103 (relating to financial assistance) concerning project priority rating system, and as such, regulations have been approved by Environmental Protection Agency (EPA) for such purpose. The Clean Water Act stipulates that States must maintain a PPL of municipal wastewater projects from which to develop the annual CWSRF IUP list of projects to be funded.

Projects listed on the FY 2002 IUP list are on Pennsylvania's CWSRF PPL and are expected to proceed to construction in the near future. Other projects on the PPL are projects that are in development or will be developed for future construction loan consideration. Any project removed from an IUP is maintained on the PPL unless otherwise completed.

A project must appear on the approved IUP before it can receive a loan from the CWSRF. The CWSRF IUP was developed in accordance with the ranking criteria listed in section 10(b) of the Pennsylvania Infrastructure

Investment Authority Act (35 P.S. § 751.10(b)). These ranking criteria differ somewhat from the DEP regulations in Chapter 103, as does the methodology used to evaluate projects. In addition, a project's readiness to proceed and the reasonable availability of alternative funds also have a bearing on project selection for the IUP. Consequently, the rank ordered list of projects on the PPL does not dictate the order in which they will be chosen for inclusion in the IUP.

The CWSRF will be capitalized with approximately \$52.8 million of Federal FY 2002 funds from the EPA and \$12.8 million of State funds. In addition, some \$11.1 million of deobligated Title II construction grant funds will be transferred to the Title VI CWSRF loan program. These funds will be available as loan funds for projects on the IUP. Some \$38.9 million of CWSRF loan repayments will be used to allow additional project funding opportunities on the FY 2002 IUP. The FY 2002 CWSRF IUP has 34 municipal wastewater construction projects listed with a total dollar value of approximately \$113 million. Some \$2.6 million of the Federal FY 2002 funds will be set aside for program administration costs. A public hearing will be held, as described in this notice. After the public hearing and assessment of the comments received, the final FY 2002 CWSRF IUP will be completed; potentially, it may include other projects from the CWSRF PPL.

Federal guidance and regulations on development of the CWSRF PPL and Intended Use Plan direct that the lists be subject to public comment and review before being submitted to the EPA.

The DEP has scheduled a public hearing for 10 a.m., February 20, 2002, in the Auditorium of the Rachel Carson State Office Building, located at 400 Market Street, Harrisburg, PA. The hearing is scheduled for the purpose of receiving comments from the public regarding the combined fiscal year 2002/2003 CWSRF PPL and the FY 2002 CWSRF IUP. Interested persons are invited to express their views at the public hearing. Persons wishing to offer comments should contact the Administrative Services Section, Division of Municipal Financial Assistance, Bureau of Water Supply and Wastewater Management, 10th Floor, Rachel Carson State Office Building, P. O. Box 8466, Harrisburg, PA 17105-8466, (717) 787-6744, or by Internet e-mail ([amaisano@state.pa.us](mailto:amaisano@state.pa.us)) by 4 p.m., February 19, 2002. Where written statements are prepared and will be submitted at the hearing, speakers will be asked to restrict the oral portion of the statement to a summary of the written comments. Speakers will be called to present their comments generally in the order of receipt of the notice of intent to appear at the hearing.

It is not necessary to appear at the public hearing to present comments. Interested persons may submit written comments to the DEP at the address shown previously. The written comments will be considered equivalent to oral statements presented at the hearing. To be considered by the DEP and PENNVEST, the written comments must be received by the Administrative Services Section on or before the date of the hearing.

Persons in need of accommodations as provided for in the Americans With Disabilities Act of 1990 should contact Mr. Maisano at the address shown previously or through the Pennsylvania AT&T Relay Service at (800) 654-5984 (TDD) to discuss how the DEP may accommodate their needs.

The FY 2002/2003 CWSRF PPL and FY 2002 CWSRF IUP list of projects follow this notice. Copies of these lists, as well as the narrative portion of the CWSRF IUP, are



available for public review in the offices listed at the end of this notice and are accessible electronically through the Department's website as follows: [http://www.dep.state.pa.us/dep/deputate/watermgt/WSM/WSM\\_TAO/Finan\\_Tech\\_Asst.htm](http://www.dep.state.pa.us/dep/deputate/watermgt/WSM/WSM_TAO/Finan_Tech_Asst.htm)

DEP—Southeast Region:  
Water Management Program Manager  
Lee Park, Suite 6010, 555 North Lane, Conshohocken, PA 19428  
(610) 832-6131

DEP—Northeast Region  
Water Management Program Manager  
2 Public Square, Wilkes-Barre, PA 18711-0790  
(570) 826-2553

DEP—Southcentral Region:  
Water Management Program Manager  
900 Elmerton Avenue, Harrisburg, PA 17110  
(717) 705-4707

DEP—Northcentral Region:  
Water Management Program Manager  
208 West 3rd Street, Williamsport, PA 17701  
(570) 327-3669

DEP—Southwest Region:  
Water Management Program Manager  
400 Waterfront Drive, Pittsburgh, PA 15222-4745  
(412) 442-4000

DEP—Northwest Region:  
Water Management Program Manager  
230 Chestnut Street, Meadville, PA 16335-3481  
(814) 332-6942

DEP—Bureau of Water Supply and Wastewater Management, Division of Municipal Financial Assistance, Administrative Services Section  
10th Floor, RCSOB, 400 Market Street,  
Harrisburg, PA 17101  
(717) 787-6744

Pennsylvania Infrastructure Investment Authority  
22 S. Third Street, 4th Floor, Keystone Building,  
Harrisburg, PA 17101  
(717) 787-8137

DAVID E. HESS,  
*Secretary*  
*Department of Environmental Protection*  
*Vice-Chairperson*  
*Pennsylvania Infrastructure Investment Authority*  
PAUL K. MARCHETTI,  
*Executive Director*  
*Pennsylvania Infrastructure Investment Authority*

**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CLEAN WATER STATE REVOLVING FUND**

**FY 2002 INTENDED USE PLAN PROJECT LIST**

EXPLANATION OF COLUMNAR HEADINGS (EXCEPT THOSE THAT ARE SELF-EXPLANATORY)

NEEDS CATEGORY:

- I - SECONDARY TREATMENT
- II - TREATMENT MORE STRINGENT THAN SECONDARY
- IIIA - INFILTRATION/INFLOW CORRECTION
- IIIB - MAJOR SEWER SYSTEM REHABILITATION
- IVA - NEW COLLECTOR SEWERS AND APPURTENANCES
- IVB - NEW INTERCEPTORS AND APPURTENANCES
- V - CORRECTION OF COMBINED SEWER OVERFLOWS

PROJECT TYPE:

- STP - SEWAGE TREATMENT PLANT
- STPMOD - SEWAGE TREATMENT PLANT MODIFICATION
- INT - INTERCEPTOR
- PS - PUMP STATION
- FM - FORCE MAIN
- SS - SEWER SYSTEM
- SS REH - SEWER SYSTEM REHABILITATION

NPDES PERMIT NUMBER:

NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM PERMIT NUMBER

PROJECT NUMBER:

FEDERAL LOAN PROJECT IDENTIFICATION NUMBER

ELIG. COST:

ESTIMATED LOAN AMOUNT FOR ELIGIBLE PROJECT

**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CLEAN WATER STATE REVOLVING FUND  
FY 2002 INTENDED USE PLAN PROJECT LIST**

**JANUARY 5, 2002**

<b>APPLICANT INFORMATION</b>		<b>NEEDS CATEGORIES</b>				<b>PROJECT INFORMATION</b>	
Adams Township Municipal Authority P.O. Box 265 Sidman, PA 15926	COUNTY: Cambria REGION: SW NPDES NO.:	I: \$0 II: \$0 III A: \$0 III B: \$0	IV A: \$249,631 IV B: \$150,512 V: \$0 ELIG. COST: \$400,143			PROJECT NO.: CS422237-01 PROJ. TYPE: PS SS PROJECT RATING: 31 PROJECT RANKING: 103	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of a collection and conveyance system						
Alexandria-Porter Joint Municipal Authority R.D. 1, Box 80 Alexandria, PA 16611	COUNTY: Huntingdon REGION: SC NPDES NO.:	I: \$0 II: \$0 III A: \$0 III B: \$0	IV A: \$2,937,389 IV B: \$0 V: \$0 ELIG. COST: \$2,937,389			PROJECT NO.: CS422296-01 PROJ. TYPE: SS PROJECT RATING: 58 PROJECT RANKING: 2	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of a collection system						
Baldwin Borough Mun. Bldg., 3344 Churchview Ave. Pittsburgh, PA 15227	COUNTY: Allegheny REGION: SW NPDES NO.:	I: \$0 II: \$0 III A: \$0 III B: \$4,185,600	IV A: \$0 IV B: \$0 V: \$0 ELIG. COST: \$4,185,600			PROJECT NO.: CS422239-01 PROJ. TYPE: SSREH PROJECT RATING: 29 PROJECT RANKING: 128	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Hydraulic overloading of collection system due to infiltration/inflow Construction of rehabilitation and replacement of collection system						
Brady Township 1986 Elimsport Road Montgomery, PA 17752	COUNTY: Lycoming REGION: NC NPDES NO.:	I: \$138,096 II: \$0 III A: \$0 III B: \$0	IV A: \$275,904 IV B: \$0 V: \$0 ELIG. COST: \$414,000			PROJECT NO.: CS422250-01 PROJ. TYPE: STP SS PROJECT RATING: 40 PROJECT RANKING: 39	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of a collection system and treatment facility						
Cadogan Township P.O. Box 309 Cadogan, PA 16212	COUNTY: Armstrong REGION: SW NPDES NO.:	I: \$143,130 II: \$0 III A: \$0 III B: \$0	IV A: \$139,492 IV B: \$61,557 V: \$0 ELIG. COST: \$344,179			PROJECT NO.: CS422252-01 PROJ. TYPE: STP PS INT SS PROJECT RATING: 44 PROJECT RANKING: 19	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of a collection and conveyance system and treatment facility						
Cecil Township Municipal Authority 3655 Millers Run Road Cecil, PA 15321	COUNTY: Washington REGION: SW NPDES NO.: PA0020796	I: \$3,700,000 II: \$0 III A: \$0 III B: \$0	IV A: \$5,000,000 IV B: \$5,600,000 V: \$0 ELIG. COST: \$14,300,000			PROJECT NO.: CS421031-02 PROJ. TYPE: STP SS INT PROJECT RATING: 37 PROJECT RANKING: 54	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of a collection and conveyance system and treatment facility						
Chartiers Township 2 Buccaneer Drive Houston, PA 15342	COUNTY: Washington REGION: SW NPDES NO.:	I: \$0 II: \$0 III A: \$0 III B: \$0	IV A: \$396,393 IV B: \$0 V: \$0 ELIG. COST: \$396,393			PROJECT NO.: CS422254-01 PROJ. TYPE: SS PROJECT RATING: 40 PROJECT RANKING: 34	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of a collection and conveyance system						

PENNSYLVANIA BULLETIN, VOL. 32, NO. 1, JANUARY 5, 2002

NOTICES

APPLICANT INFORMATION		NEEDS CATEGORIES				PROJECT INFORMATION	
Conemaugh Township R.D.#4, Box A-20 Johnstown, PA 15905	COUNTY: Somerset REGION: SW NPDES NO.: PA0217301	I: \$9,750,000 II: \$0 III A: \$0 III B: \$0	IV A: \$2,167,000 IV B: \$990,000 V: \$0 ELIG. COST: \$12,907,000			PROJECT NO.: CS421479-01 PROJ. TYPE: STP SS INT PROJECT RATING: 43 PROJECT RANKING: 20	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of a collection and conveyance system and treatment facility						
Conewago Township Sewer Authority 490 Copenhaffer Road York, PA 17404	COUNTY: York REGION: SC NPDES NO.:	I: \$0 II: \$0 III A: \$0 III B: \$0	IV A: \$3,876,000 IV B: \$0 V: \$0 ELIG. COST: \$3,876,000			PROJECT NO.: CS422248-01 PROJ. TYPE: PS INT SS PROJECT RATING: 48 PROJECT RANKING: 9	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of a collection and conveyance system						
Corry City Municipal Authority 100 South Center Street Corry, PA 16407	COUNTY: Erie REGION: NW NPDES NO.:	I: \$0 II: \$1,584,415 III A: \$0 III B: \$0	IV A: \$0 IV B: \$0 V: \$422,285 ELIG. COST: \$2,006,700			PROJECT NO.: CS422275-01 PROJ. TYPE: STPMOD SS PROJECT RATING: 33 PROJECT RANKING: 92	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Hydraulic overloading at treatment facility Construction of treatment facility and collection system improvements						
Covington Township R.R.#1, Box 87 Covington, PA 16917	COUNTY: Tioga REGION: NC NPDES NO.: N/A	I: \$37,500 II: \$0 III A: \$0 III B: \$0	IV A: \$257,008 IV B: \$0 V: \$0 ELIG. COST: \$294,508			PROJECT NO.: CS422145-01 PROJ. TYPE: STPMOD SS PROJECT RATING: 44 PROJECT RANKING: 13	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of a collection system						
Delmar Township R.R.#5 Box 70A Wellsboro, PA 16901	COUNTY: Tioga REGION: NC NPDES NO.: N/A	I: \$0 II: \$0 III A: \$0 III B: \$0	IV A: \$955,934 IV B: \$0 V: \$0 ELIG. COST: \$955,934			PROJECT NO.: CS422150-01 PROJ. TYPE: SS PROJECT RATING: 35 PROJECT RANKING: 76	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of a collection system						
Duncannon Borough Municipal Authority 428 N. High St. Duncannon, PA 17020	COUNTY: Perry REGION: SC NPDES NO.:	I: \$0 II: \$0 III A: \$0 III B: \$0	IV A: \$0 IV B: \$572,000 V: \$0 ELIG. COST: \$572,000			PROJECT NO.: CS422235-01 PROJ. TYPE: INT PROJECT RATING: 19 PROJECT RANKING: 218	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Hydraulic overloading of collection system due to infiltration/inflow Construction of replacement of collection system						
Duryea Borough Sewer Authority 504 Main Street Duryea, PA 18642	COUNTY: Luzerne REGION: NE NPDES NO.: N/A	I: \$0 II: \$0 III A: \$0 III B: \$0	IV A: \$583,038 IV B: \$0 V: \$0 ELIG. COST: \$583,038			PROJECT NO.: CS422217-01 PROJ. TYPE: PS SS PROJECT RATING: 40 PROJECT RANKING: 33	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems and possible discharge of sewage into deep mines via boreholes Construction of a collection and conveyance system						
Fawn Township Sewer Authority P.O. Box 525 Natrona Heights, PA 15065	COUNTY: Allegheny REGION: SW NPDES NO.:	I: \$0 II: \$0 III A: \$0 III B: \$0	IV A: \$324,000 IV B: \$0 V: \$0 ELIG. COST: \$324,000			PROJECT NO.: CS422255-01 PROJ. TYPE: SS PROJECT RATING: 43 PROJECT RANKING: 23	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of an extension to the collection system						

APPLICANT INFORMATION		NEEDS CATEGORIES				PROJECT INFORMATION	
Findlay Township P.O. Box W, Rte. 30 Clinton, PA 15026	COUNTY: Allegheny REGION: SW NPDES NO.:	I: \$0 II: \$0 III: \$0 IIIB: \$0	IV: \$1,356,256 IVB: \$0 V: \$0 ELIG. COST: \$1,356,256			PROJECT NO.: CS422240-01 PROJ. TYPE: SS PROJECT RATING: 34 PROJECT RANKING: 81	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of a collection system PEN						
Franklin Fayette Sewer Authority 353 Town & Country Road Vanderbilt, PA 15486	COUNTY: Fayette REGION: SW NPDES NO.:	I: \$329,936 II: \$0 III: \$0 IIIB: \$0	IV: \$446,277 IVB: \$120,977 V: \$0 ELIG. COST: \$897,190			PROJECT NO.: CS422256-01 PROJ. TYPE: STP PS INT SS PROJECT RATING: 38 PROJECT RANKING: 53	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of a collection and conveyance system and treatment facility						
Franklin Township 55 Scott School Road Orrtanna, PA 17353	COUNTY: Adams REGION: SC NPDES NO.: N/A	I: \$190,000 II: \$0 III: \$0 IIIB: \$0	IV: \$85,000 IVB: \$0 V: \$0 ELIG. COST: \$275,000			PROJECT NO.: CS422220-01 PROJ. TYPE: STP SS PROJECT RATING: 35 PROJECT RANKING: 69	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of a collection system and treatment facility						
KBM Regional Authority P.O. Box 14 McAdoo, PA 18237	COUNTY: Carbon/Schuylkil REGION: NE NPDES NO.: N/A	I: \$4,245,000 II: \$0 III: \$0 IIIB: \$0	IV: \$0 IVB: \$0 V: \$0 ELIG. COST: \$4,245,000			PROJECT NO.: CS422178-01 PROJ. TYPE: STP PROJECT RATING: 43 PROJECT RANKING: 21	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Discharge of sewage into streams Construction of a treatment facility						
Koppel Borough P.O. Box 1 Koppel, PA 16136	COUNTY: Beaver REGION: SW NPDES NO.:	I: \$2,058,570 II: \$0 III: \$0 IIIB: \$0	IV: \$0 IVB: \$0 V: \$0 ELIG. COST: \$2,058,570			PROJECT NO.: CS422258-01 PROJ. TYPE: STPMOD PROJECT RATING: 29 PROJECT RANKING: 134	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Hydraulic overloading at treatment facility Construction of a treatment facility improvements						
Lenhartsville Borough P.O. Box 238, 19 Willow Street Lenhartsville, PA 19534	COUNTY: Berks REGION: SC NPDES NO.:	I: \$600,000 II: \$0 III: \$0 IIIB: \$0	IV: \$1,000,000 IVB: \$400,000 V: \$0 ELIG. COST: \$2,000,000			PROJECT NO.: CS422300-01 PROJ. TYPE: STP INT SS PROJECT RATING: 39 PROJECT RANKING: 43	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of a collection and conveyance system and treatment facility						
Lycoming County Water & Sewer Authority 216 Old Cement Road Montoursville, PA 17754	COUNTY: Lycoming REGION: NC NPDES NO.:	I: \$896,125 II: \$0 III: \$0 IIIB: \$0	IV: \$2,097,466 IVB: \$1,164,173 V: \$0 ELIG. COST: \$4,157,764			PROJECT NO.: CS422288-01 PROJ. TYPE: STPMOD INT SS PROJECT RATING: 44 PROJECT RANKING: 14	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of an extension to the collection system						
Manor Township Joint Municipal Authority 2310 Pleasant View Drive Ford City, PA 16226	COUNTY: Armstrong REGION: SW NPDES NO.:	I: \$0 II: \$0 III: \$0 IIIB: \$0	IV: \$1,778,560 IVB: \$1,093,440 V: \$0 ELIG. COST: \$2,872,000			PROJECT NO.: CS422242-01 PROJ. TYPE: PS SS INT PROJECT RATING: 34 PROJECT RANKING: 79	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of a collection and conveyance system						

APPLICANT INFORMATION		NEEDS CATEGORIES				PROJECT INFORMATION	
Middlesex Township 133 Browns Hill Road Valencia, PA 16059	COUNTY: Butler REGION: NW NPDES NO.: N/A	I: \$3,022,500 II: \$0 IIIA: \$0 IIIB: \$0	IVA: \$10,400,000 IVB: \$741,000 V: \$0 ELIG. COST: \$14,163,500			PROJECT NO.: CS422122-01 PROJ. TYPE: STP SS PS INT PROJECT RATING: 34 PROJECT RANKING: 78	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of a collection and conveyance system and treatment facility						
New Florence Borough/St. Clair Township P.O. Box 272 New Florence, PA 15944	COUNTY: Westmoreland REGION: SW NPDES NO.: N/A	I: \$750,000 II: \$0 IIIA: \$0 IIIB: \$0	IVA: \$3,000,000 IVB: \$1,650,000 V: \$0 ELIG. COST: \$5,400,000			PROJECT NO.: CS422167-01 PROJ. TYPE: STPMOD PS INT SS PROJECT RATING: 35 PROJECT RANKING: 66	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Discharge of sewage into streams Construction of collection and conveyance system and treatment facility expansion						
North Fayette Township 400 N. Branch Road Oakdale, PA 15071	COUNTY: Allegheny REGION: SW NPDES NO.:	I: \$0 II: \$0 IIIA: \$0 IIIB: \$1,413,600	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$1,413,600			PROJECT NO.: CS422244-01 PROJ. TYPE: SSREH PROJECT RATING: 26 PROJECT RANKING: 158	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Hydraulic overloading of collection system due to infiltration/inflow Construction of rehabilitation and replacement of collection system						
Northern Blair County Regional Sewer Auth RR #4, Box 236A Tyrone, PA 16686	COUNTY: Blair REGION: SC NPDES NO.:	I: \$0 II: \$0 IIIA: \$0 IIIB: \$0	IVA: \$1,105,000 IVB: \$0 V: \$0 ELIG. COST: \$1,105,000			PROJECT NO.: CS422298-01 PROJ. TYPE: SS PROJECT RATING: 55 PROJECT RANKING: 4	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of a collection system						
Pittsburgh Water & Sewer Authority 441 Smithfield Street Pittsburgh, PA 15222	COUNTY: Allegheny REGION: SW NPDES NO.:	I: \$0 II: \$0 IIIA: \$0 IIIB: \$3,805,100	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$3,805,100			PROJECT NO.: CS422246-01 PROJ. TYPE: SSREH PROJECT RATING: 28 PROJECT RANKING: 140	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems and hydraulic overloading due to infiltration/inflow Construction of rehabilitation and extension of collection system						
Rayburn Township Municipal Authority 454B, R.R.#6 Kittanning, PA 16201	COUNTY: Armstrong REGION: SW NPDES NO.: N/A	I: \$700,000 II: \$0 IIIA: \$0 IIIB: \$0	IVA: \$3,000,000 IVB: \$1,900,000 V: \$0 ELIG. COST: \$5,600,000			PROJECT NO.: CS422162-01 PROJ. TYPE: STP SS PROJECT RATING: 37 PROJECT RANKING: 56	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems and discharge of sewage into streams Construction of a collection and conveyance system and treatment facility expansion						
Schuylkill Valley Sewer Authority 34-36 Forest Lane Mary-D, PA 17952	COUNTY: Schuylkill REGION: NE NPDES NO.: N/A	I: \$2,649,002 II: \$0 IIIA: \$0 IIIB: \$0	IVA: \$11,210,717 IVB: \$916,076 V: \$0 ELIG. COST: \$14,775,795			PROJECT NO.: CS421749-01 PROJ. TYPE: STP SS INT PROJECT RATING: 38 PROJECT RANKING: 49	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems and discharges of sewage into streams Construction of a collection and conveyance system and treatment facility						
Susquehanna Township 1900 Linglestown Road Harrisburg, PA 17110	COUNTY: Dauphin REGION: SC NPDES NO.:	I: \$0 II: \$0 IIIA: \$0 IIIB: \$0	IVA: \$154,000 IVB: \$130,000 V: \$0 ELIG. COST: \$284,000			PROJECT NO.: CS422249-01 PROJ. TYPE: INT SS PROJECT RATING: 38 PROJECT RANKING: 48	
PROBLEM DESCRIPTION: PROJECT DESCRIPTION:	Malfunctioning on-lot systems Construction of an extension to the collection system						

**APPLICANT INFORMATION**

Valley Township Municipal Authority  
P.O. Box 307  
Danville, PA 17821

COUNTY: Montour  
REGION: NC  
NPDES NO.: PA0035602

**NEEDS CATEGORIES**

I: \$443,902  
II: \$0  
III: \$0  
III: \$0  
IV: \$1,123,325  
IVB: \$252,966  
V: \$0  
ELIG. COST: \$1,820,193

**PROJECT INFORMATION**

PROJECT NO.: CS421938-01  
PROJ. TYPE: STPMOD INT SS  
PROJECT RATING: 29  
PROJECT RANKING: 117

PROBLEM DESCRIPTION:  
PROJECT DESCRIPTION:

Malfunctioning on-lot systems  
Construction of an extension to the collection system

West Pennsboro Township Municipal  
2150 Newville Road  
Carlisle, PA 17013

COUNTY: Cumberland  
REGION: SC  
NPDES NO.:

I: \$611,897  
II: \$0  
III: \$0  
III: \$0  
IV: \$755,241  
IVB: \$377,621  
V: \$0  
ELIG. COST: \$1,744,759

PROJECT NO.: CS421533-01  
PROJ. TYPE: STP SS INT  
PROJECT RATING: 38  
PROJECT RANKING: 47

PROBLEM DESCRIPTION:  
PROJECT DESCRIPTION:

Malfunctioning on-lot systems  
Construction of a collection system and treatment facility

Westfield Township  
P.O. Box 61  
Cowanesque, PA 16918

COUNTY: Tioga  
REGION: NC  
NPDES NO.: N/A

I: \$0  
II: \$0  
III: \$0  
III: \$0  
IV: \$496,790  
IVB: \$44,800  
V: \$0  
ELIG. COST: \$541,590

PROJECT NO.: CS422146-01  
PROJ. TYPE: SS  
PROJECT RATING: 37  
PROJECT RANKING: 61

PROBLEM DESCRIPTION:  
PROJECT DESCRIPTION:

Malfunctioning on-lot systems  
Construction of a collection and conveyance system

**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CLEAN WATER STATE REVOLVING FUND**

**FY 2002 AND FY 2003 PROJECT PRIORITY LIST**

**IN PRIORITY ORDER**

EXPLANATION OF COLUMNAR HEADINGS (EXCEPT THOSE THAT ARE SELF-EXPLANATORY)

NEEDS CATEGORY:

- I - SECONDARY TREATMENT
- II - TREATMENT MORE STRINGENT THAN SECONDARY
- IIIA - INFILTRATION/INFLOW CORRECTION
- IIIB - MAJOR SEWER SYSTEM REHABILITATION
- IVA - NEW COLLECTOR SEWERS AND APPURTENANCES
- IVB - NEW INTERCEPTORS AND APPURTENANCES
- V - CORRECTION OF COMBINED SEWER OVERFLOWS

PROJECT TYPE:

- STP - SEWAGE TREATMENT PLANT
- STPMOD - SEWAGE TREATMENT PLANT MODIFICATION
- INT - INTERCEPTOR
- PS - PUMP STATION
- FM - FORCE MAIN
- SS - SEWER SYSTEM
- SS REH - SEWER SYSTEM REHABILITATION

NPDES PERMIT NUMBER:

NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM PERMIT NUMBER

PROJECT NUMBER:

FEDERAL LOAN PROJECT IDENTIFICATION NUMBER

ELIG. COST:

ESTIMATED LOAN AMOUNT FOR ELIGIBLE PROJECT



**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CLEAN WATER STATE REVOLVING FUND  
FY 2002 AND FY2003 PROJECT PRIORITY LIST**

**JANUARY 5, 2002**

PENNSYLVANIA BULLETIN, VOL. 32, NO. 1, JANUARY 5, 2002

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Fredericksburg Sewer & Water Authority P.O. Box 161 Fredericksburg, PA 17026	COUNTY: REGION: NPDES:	Lebanon SC	I: II: III A: III B:	\$479,327 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,799,873 \$0 \$0 \$2,279,200	PROJECT NO.:	CS422304-01
Alexandria-Porter Joint Municipal Authority R.D. 1, Box 80 Alexandria, PA 16611	COUNTY: REGION: NPDES:	Huntingdon SC	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$2,937,389 \$0 \$0 \$2,937,389	PROJECT NO.:	CS422296-01
Twin Boroughs Sanitary Authority P.O. Box 118 Mifflin, PA 17058	COUNTY: REGION: NPDES:	Juniata SC N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$3,376,000 \$0 \$0 \$3,376,000	PROJECT NO.:	CS421838-01
Northern Blair County Regional Sewer Auth RR #4, Box 236A Tyrone, PA 16686	COUNTY: REGION: NPDES:	Blair SC	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,105,000 \$0 \$0 \$1,105,000	PROJECT NO.:	CS422298-01
Beach Lake Municipal Authority P.O. Box 151 Beach Lake, PA 18405	COUNTY: REGION: NPDES:	Wayne NE N/A	I: II: III A: III B:	\$1,117,341 \$100,000 \$0 \$815,448	IVA: IVB: V: ELIG. COST:	\$42,904 \$0 \$0 \$2,075,693	PROJECT NO.:	CS421740-01
Huston Township P.O. Box 40 Julian, PA 16844	COUNTY: REGION: NPDES:	Centre NC N/A	I: II: III A: III B:	\$450,210 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,210,468 \$0 \$0 \$1,660,678	PROJECT NO.:	CS422142-01
New Ringgold Borough P.O. Box 180 New Ringgold, PA 17960	COUNTY: REGION: NPDES:	Schuylkill NE N/A	I: II: III A: III B:	\$285,000 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$357,000 \$358,000 \$0 \$1,000,000	PROJECT NO.:	CS421944-01
North Union Township P.O. Box 5 Nuremburg, PA 18241	COUNTY: REGION: NPDES:	Schuylkill NE N/A	I: II: III A: III B:	\$934,163 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$803,447 \$395,880 \$0 \$2,133,490	PROJECT NO.:	CS421735-01
Conewago Township Sewer Authority 490 Copenhaffer Road York, PA 17404	COUNTY: REGION: NPDES:	York SC	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$3,876,000 \$0 \$0 \$3,876,000	PROJECT NO.:	CS422248-01

NOTICES

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Penn Twp Municipal Authority 102 Municipal Building Road Duncannon, PA 17020	COUNTY:	Perry	I:	\$1,070,748	IVA:	\$2,500,000	PROJECT NO.:	CS422236-01
	REGION:	SC	II:	\$0	IVB:	\$1,000,000	PROJ. TYPE:	STP,STPMOD, PS,INT
	NPDES:		IIIA:	\$0	V:	\$0	PROJECT RATING:	47
			IIIB:	\$0	ELIG. COST:	\$4,570,748	PROJECT RANKING:	10
Dublin Township HRC 75, Box 240 Fort Littleton, PA 17223	COUNTY:	Fulton	I:	\$600,000	IVA:	\$2,199,000	PROJECT NO.:	CS421813-01
	REGION:	SC	II:	\$0	IVB:	\$0	PROJ. TYPE:	STP SS PS
	NPDES:	N/A	IIIA:	\$0	V:	\$0	PROJECT RATING:	47
			IIIB:	\$0	ELIG. COST:	\$2,799,000	PROJECT RANKING:	11
Delano Township 140 Hazle Street Delano, PA 18220	COUNTY:	Schuylkill	I:	\$500,000	IVA:	\$1,105,900	PROJECT NO.:	CS421742-01
	REGION:	NE	II:	\$0	IVB:	\$0	PROJ. TYPE:	STP SS
	NPDES:	N/A	IIIA:	\$0	V:	\$0	PROJECT RATING:	46
			IIIB:	\$0	ELIG. COST:	\$1,605,900	PROJECT RANKING:	12
Covington Township R.R.#1, Box 87 Covington, PA 16917	COUNTY:	Tioga	I:	\$37,500	IVA:	\$257,008	PROJECT NO.:	CS422145-01
	REGION:	NC	II:	\$0	IVB:	\$0	PROJ. TYPE:	STPMOD SS
	NPDES:	N/A	IIIA:	\$0	V:	\$0	PROJECT RATING:	44
			IIIB:	\$0	ELIG. COST:	\$294,508	PROJECT RANKING:	13
Lycoming County Water & Sewer Authority 216 Old Cement Road Montoursville, PA 17754	COUNTY:	Lycoming	I:	\$896,125	IVA:	\$2,097,466	PROJECT NO.:	CS422288-01
	REGION:	NC	II:	\$0	IVB:	\$1,164,173	PROJ. TYPE:	STPMOD INT SS
	NPDES:	IIIA:	\$0	V:	\$0	PROJECT RATING:	44	
		IIIB:	\$0	ELIG. COST:	\$4,157,764	PROJECT RANKING:	14	
Davidson Township Municipal Authority P.O. Box 7112 Sonestown, PA 17758	COUNTY:	Sullivan	I:	\$441,853	IVA:	\$289,398	PROJECT NO.:	CS422207-01
	REGION:	NC	II:	\$0	IVB:	\$102,749	PROJ. TYPE:	STP PS INT SS
	NPDES:	N/A	IIIA:	\$0	V:	\$0	PROJECT RATING:	44
		IIIB:	\$0	ELIG. COST:	\$834,000	PROJECT RANKING:	15	
Center Township P.O. Box 369 Rogersville, PA 15359	COUNTY:	Greene	I:	\$754,000	IVA:	\$3,705,000	PROJECT NO.:	CS421487-01
	REGION:	SW	II:	\$0	IVB:	\$408,000	PROJ. TYPE:	STP SS INT
	NPDES:	N/A	IIIA:	\$0	V:	\$0	PROJECT RATING:	44
		IIIB:	\$0	ELIG. COST:	\$4,867,000	PROJECT RANKING:	16	
Raccoon Creek Municipal Authority P.O. Box 3 Rock Glen, PA 18246	COUNTY:	Luzerne	I:	\$947,182	IVA:	\$1,758,619	PROJECT NO.:	CS421724-01
	REGION:	NE	II:	\$0	IVB:	\$386,069	PROJ. TYPE:	STP SS INT
	NPDES:	N/A	IIIA:	\$0	V:	\$0	PROJECT RATING:	44
		IIIB:	\$0	ELIG. COST:	\$3,091,870	PROJECT RANKING:	17	
Thompson Borough P.O. Box 89 Thompson, PA 18465	COUNTY:	Susquehanna	I:	\$238,844	IVA:	\$462,984	PROJECT NO.:	CS421750-01
	REGION:	NE	II:	\$0	IVB:	\$102,172	PROJ. TYPE:	STP SS PS INT
	NPDES:	N/A	IIIA:	\$0	V:	\$0	PROJECT RATING:	44
		IIIB:	\$0	ELIG. COST:	\$804,000	PROJECT RANKING:	18	
Cadogan Township P.O. Box 309 Cadogan, PA 16212	COUNTY:	Armstrong	I:	\$143,130	IVA:	\$139,492	PROJECT NO.:	CS422252-01
	REGION:	SW	II:	\$0	IVB:	\$61,557	PROJ. TYPE:	STP PS INT SS
	NPDES:		IIIA:	\$0	V:	\$0	PROJECT RATING:	44
		IIIB:	\$0	ELIG. COST:	\$344,179	PROJECT RANKING:	19	
Conemaugh Township R.D.#4, Box A-20 Johnstown, PA 15905	COUNTY:	Somerset	I:	\$9,750,000	IVA:	\$2,167,000	PROJECT NO.:	CS421479-01
	REGION:	SW	II:	\$0	IVB:	\$990,000	PROJ. TYPE:	STP SS INT
	NPDES:	PA0217301	IIIA:	\$0	V:	\$0	PROJECT RATING:	43
			IIIB:	\$0	ELIG. COST:	\$12,907,000	PROJECT RANKING:	20

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
KBM Regional Authority P.O. Box 14 McAdoo, PA 18237	COUNTY: REGION: NPDES:	Carbon/Schuylkil NE N/A	I: \$4,245,000 II: \$0 III A: \$0 III B: \$0	IVA: \$0 IVB: \$0 V: \$0	ELIG. COST: \$4,245,000	PROJECT NO.: CS422178-01 PROJ. TYPE: STP PROJECT RATING: 43 PROJECT RANKING: 21		
West Alexander Municipal Authority P.O. Box 185 West Alexander, PA 15376	COUNTY: REGION: NPDES:	Washington SW N/A	I: \$604,000 II: \$0 III A: \$0 III B: \$0	IVA: \$1,766,000 IVB: \$230,000 V: \$0	ELIG. COST: \$2,600,000	PROJECT NO.: CS422173-01 PROJ. TYPE: STP SS PS INT PROJECT RATING: 43 PROJECT RANKING: 22		
Fawn Township Sewer Authority P.O. Box 525 Natrona Heights, PA 15065	COUNTY: REGION: NPDES:	Allegheny SW	I: \$0 II: \$0 III A: \$0 III B: \$0	IVA: \$324,000 IVB: \$0 V: \$0	ELIG. COST: \$324,000	PROJECT NO.: CS422255-01 PROJ. TYPE: SS PROJECT RATING: 43 PROJECT RANKING: 23		
Brady Township R.R.#2, Box 537 Montgomery, PA 17752	COUNTY: REGION: NPDES:	Lycoming NC N/A	I: \$367,702 II: \$0 III A: \$0 III B: \$0	IVA: \$1,023,437 IVB: \$88,861 V: \$0	ELIG. COST: \$1,480,000	PROJECT NO.: CS422205-01 PROJ. TYPE: STP PS SS PROJECT RATING: 42 PROJECT RANKING: 24		
Tulpehocken Township P.O. Box 272 Rehrersburg, PA 19550	COUNTY: REGION: NPDES:	Berks SC N/A	I: \$1,500,000 II: \$0 III A: \$0 III B: \$0	IVA: \$2,700,000 IVB: \$0 V: \$0	ELIG. COST: \$4,200,000	PROJECT NO.: CS422192-01 PROJ. TYPE: STP PS INT SS PROJECT RATING: 41 PROJECT RANKING: 25		
Cromwell Township P. O. Box 340 Orbisonia, PA 17243	COUNTY: REGION: NPDES:	Huntingdon SC	I: \$0 II: \$244,000 III A: \$0 III B: \$0	IVA: \$1,055,000 IVB: \$0 V: \$0	ELIG. COST: \$1,299,000	PROJECT NO.: CS422226-01 PROJ. TYPE: STP SS PROJECT RATING: 41 PROJECT RANKING: 26		
Hustontown Joint Sewer Authority P.O. Box 577 Hustontown, PA 17229	COUNTY: REGION: NPDES:	Fulton SC N/A	I: \$448,300 II: \$0 III A: \$0 III B: \$0	IVA: \$485,500 IVB: \$0 V: \$0	ELIG. COST: \$933,800	PROJECT NO.: CS421922-01 PROJ. TYPE: STP SS PS PROJECT RATING: 41 PROJECT RANKING: 27		
Abbott Township 1431 Germania Road Galeton, PA 16922	COUNTY: REGION: NPDES:	Potter NC N/A	I: \$299,201 II: \$0 III A: \$0 III B: \$0	IVA: \$929,312 IVB: \$0 V: \$0	ELIG. COST: \$1,228,513	PROJECT NO.: CS421645-01 PROJ. TYPE: STP SS PROJECT RATING: 41 PROJECT RANKING: 28		
North Sewickley Township Sewer Authority 893 Mercer Road Beaver Falls, PA 15010	COUNTY: REGION: NPDES:	Beaver SW	I: \$1,100,000 II: \$0 III A: \$0 III B: \$0	IVA: \$10,375,000 IVB: \$2,375,000 V: \$0	ELIG. COST: \$13,850,000	PROJECT NO.: CS422245-01 PROJ. TYPE: STPMOD SS INT PS PROJECT RATING: 40 PROJECT RANKING: 29		
Hempfield Township Municipal Authority R.D.#6, Box 501 Greensburg, PA 15601	COUNTY: REGION: NPDES:	Westmoreland SW N/A	I: \$0 II: \$0 III A: \$0 III B: \$0	IVA: \$4,480,000 IVB: \$1,500,000 V: \$0	ELIG. COST: \$5,980,000	PROJECT NO.: CS422113-01 PROJ. TYPE: INT SS PS PROJECT RATING: 40 PROJECT RANKING: 30		

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION		
North Beaver Township Municipal Authority 861 Mt. Jackson Road New Castle, PA 16102	COUNTY: REGION: NPDES:	Lawrence NW N/A	I: II: III: IIIB:	\$0 \$339,773 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$4,258,523 \$0 \$0 \$4,598,296	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421773-01 STPMOD SS PS 40 31	
Upper Hanover Authority 1704 Pillsbury Rd., P.O. Box 205 East Greenville, PA 18041	COUNTY: REGION: NPDES:	Montgomery SE N/A	I: II: III: IIIB:	\$400,000 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,000,000 \$0 \$0 \$1,400,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422224-01 STP SS 40 32	
Duryea Borough Sewer Authority 504 Main Street Duryea, PA 18642	COUNTY: REGION: NPDES:	Luzerne NE N/A	I: II: III: IIIB:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$583,038 \$0 \$0 \$583,038	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422217-01 PS SS 40 33	
Chartiers Township 2 Buccaneer Drive Houston, PA 15342	COUNTY: REGION: NPDES:	Washington SW	I: II: III: IIIB:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$396,393 \$0 \$0 \$396,393	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422254-01 SS 40 34	
Texas Township Municipal Authority 320 Shady Lane Honesdale, PA 18431	COUNTY: REGION: NPDES:	Wayne NE N/A	I: II: III: IIIB:	\$2,300,000 \$100,000 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$600,000 \$0 \$0 \$3,000,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422038-01 STP SS 40 35	
South Coventry Township 1002 Ridge Road Pottstown, PA 19464	COUNTY: REGION: NPDES:	Chester SE N/A	I: II: III: IIIB:	\$0 \$675,000 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,210,000 \$0 \$0 \$1,885,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422103-01 STP SS PS INT 40 36	
Mill Creek Area Municipal Authority HCR 61, Box 509A Mill Creek, PA 17060	COUNTY: REGION: NPDES:	Huntingdon SC	I: II: III: IIIB:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,380,000 \$0 \$0 \$1,380,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422297-01 SS 40 37	
Delaware Township R.D. 1, Box 410 Thompsontown, PA 17094	COUNTY: REGION: NPDES:	Juniata SC	I: II: III: IIIB:	\$0 \$274,622 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$322,778 \$0 \$0 \$597,400	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422308-01 STP PS SS 40 38	
Brady Township 1986 ElimSPORT Road Montgomery, PA 17752	COUNTY: REGION: NPDES:	Lycoming NC	I: II: III: IIIB:	\$138,096 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$275,904 \$0 \$0 \$414,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422250-01 STP SS 40 39	
Reilly Township P.O. Box 1 Branchdale, PA 17923	COUNTY: REGION: NPDES:	Schuylkill NE N/A	I: II: III: IIIB:	\$800,000 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$531,000 \$30,000 \$0 \$1,361,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422087-01 STP SS INT 39 40	
Jackson Township P.O. Box 48 Millerton, PA 16936	COUNTY: REGION: NPDES:	Tioga NC N/A	I: II: III: IIIB:	\$554,399 \$215,600 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$3,457,208 \$116,019 \$0 \$4,343,226	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422143-01 STP SS 39 41	

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Strausstown Borough P.O. Box 325 Strausstown, PA 19559	COUNTY: REGION: NPDES:	Berks SC	I: \$650,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$1,100,000 IVB: \$500,000 V: \$0 ELIG. COST: \$2,250,000	PROJECT NO.: CS422301-01 PROJ. TYPE: STP INT SS PROJECT RATING: 39 PROJECT RANKING: 42			
Lenhartsville Borough P.O. Box 238, 19 Willow Street Lenhartsville, PA 19534	COUNTY: REGION: NPDES:	Berks SC	I: \$600,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$1,000,000 IVB: \$400,000 V: \$0 ELIG. COST: \$2,000,000	PROJECT NO.: CS422300-01 PROJ. TYPE: STP INT SS PROJECT RATING: 39 PROJECT RANKING: 43			
East Chillisquaque Township 305 James Street Milton, PA 17847	COUNTY: REGION: NPDES:	Northumberland NC N/A	I: \$394,495 II: \$0 III: \$0 IIIB: \$0	IVA: \$1,309,938 IVB: \$0 V: \$0 ELIG. COST: \$1,704,433	PROJECT NO.: CS422136-01 PROJ. TYPE: STP SS PROJECT RATING: 39 PROJECT RANKING: 44			
Orwigsburg Municipal Authority P.O. Box 128, 209 N. Warren St. Orwigsburg, PA 17961	COUNTY: REGION: NPDES:	Schuylkill NE N/A	I: \$6,900,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$6,900,000	PROJECT NO.: CS422085-01 PROJ. TYPE: STPMOD PROJECT RATING: 39 PROJECT RANKING: 45			
Pine Grove Township Authority P.O. Box 426 Pine Grove, PA 17963	COUNTY: REGION: NPDES:	Schuylkill NE N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$295,000 IVB: \$0 V: \$0 ELIG. COST: \$295,000	PROJECT NO.: CS421687-01 PROJ. TYPE: SS PROJECT RATING: 39 PROJECT RANKING: 46			
West Pennsboro Township Municipal 2150 Newville Road Carlisle, PA 17013	COUNTY: REGION: NPDES:	Cumberland SC	I: \$611,897 II: \$0 III: \$0 IIIB: \$0	IVA: \$755,241 IVB: \$377,621 V: \$0 ELIG. COST: \$1,744,759	PROJECT NO.: CS421533-01 PROJ. TYPE: STP SS INT PROJECT RATING: 38 PROJECT RANKING: 47			
Susquehanna Township 1900 Linglestown Road Harrisburg, PA 17110	COUNTY: REGION: NPDES:	Dauphin SC	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$154,000 IVB: \$130,000 V: \$0 ELIG. COST: \$284,000	PROJECT NO.: CS422249-01 PROJ. TYPE: INT SS PROJECT RATING: 38 PROJECT RANKING: 48			
Schuylkill Valley Sewer Authority 34-36 Forest Lane Mary-D, PA 17952	COUNTY: REGION: NPDES:	Schuylkill NE N/A	I: \$2,649,002 II: \$0 III: \$0 IIIB: \$0	IVA: \$11,210,717 IVB: \$916,076 V: \$0 ELIG. COST: \$14,775,795	PROJECT NO.: CS421749-01 PROJ. TYPE: STP SS INT PROJECT RATING: 38 PROJECT RANKING: 49			
Plymouth Township 5 Towers Road Shavertown, PA 18708	COUNTY: REGION: NPDES:	Luzerne NE N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$2,600,000 IVB: \$0 V: \$0 ELIG. COST: \$2,600,000	PROJECT NO.: CS421940-01 PROJ. TYPE: SS PROJECT RATING: 38 PROJECT RANKING: 50			
West Brownsville Borough Municipal 625 Middle Street West Brownsville, PA 15417	COUNTY: REGION: NPDES:	Washington SW N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$1,928,000 IVB: \$297,000 V: \$0 ELIG. COST: \$2,225,000	PROJECT NO.: CS421486-01 PROJ. TYPE: SS PS INT PROJECT RATING: 38 PROJECT RANKING: 51			
Newton Hamilton Borough P.O. Box 65 Newton Hamilton, PA 17075	COUNTY: REGION: NPDES:	Mifflin SC N/A	I: \$700,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$650,000 IVB: \$450,000 V: \$0 ELIG. COST: \$1,800,000	PROJECT NO.: CS421829-01 PROJ. TYPE: STP SS INT PROJECT RATING: 38 PROJECT RANKING: 52			

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Franklin Fayette Sewer Authority 353 Town & Country Road Vanderbilt, PA 15486	COUNTY: REGION: NPDES:	Fayette SW	I: \$329,936 II: \$0 III: \$0 IIIB: \$0	IVA: \$446,277 IVB: \$120,977 V: \$0 ELIG. COST: \$897,190	PROJECT NO.: CS422256-01 PROJ. TYPE: STP PS INT SS PROJECT RATING: 38 PROJECT RANKING: 53			
Cecil Township Municipal Authority 3655 Millers Run Road Cecil, PA 15321	COUNTY: REGION: NPDES:	Washington SW PA0020796	I: \$3,700,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$5,000,000 IVB: \$5,600,000 V: \$0 ELIG. COST: \$14,300,000	PROJECT NO.: CS421031-02 PROJ. TYPE: STP SS INT PROJECT RATING: 37 PROJECT RANKING: 54			
Indiana County Municipal Services Authority 827 Water Street Indiana, PA 15701	COUNTY: REGION: NPDES:	Indiana SW N/A	I: \$2,756,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$3,509,800 IVB: \$1,000,000 V: \$0 ELIG. COST: \$7,265,800	PROJECT NO.: CS422107-01 PROJ. TYPE: STP PS INT SS PROJECT RATING: 37 PROJECT RANKING: 55			
Rayburn Township Municipal Authority 454B, R.R.#6 Kittanning, PA 16201	COUNTY: REGION: NPDES:	Armstrong SW N/A	I: \$700,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$3,000,000 IVB: \$1,900,000 V: \$0 ELIG. COST: \$5,600,000	PROJECT NO.: CS422162-01 PROJ. TYPE: STP SS PROJECT RATING: 37 PROJECT RANKING: 56			
Topton Borough 205 S. Calwhell Topton, PA 19562	COUNTY: REGION: NPDES:	Berks SC N/A	I: \$3,100,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$3,100,000	PROJECT NO.: CS422073-01 PROJ. TYPE: STPMOD PROJECT RATING: 37 PROJECT RANKING: 57			
Hamilton Township R.D.#1, Box 293 Blossburg, PA 16912	COUNTY: REGION: NPDES:	Tioga NC N/A	I: \$825,508 II: \$0 III: \$0 IIIB: \$0	IVA: \$1,718,614 IVB: \$70,268 V: \$0 ELIG. COST: \$2,614,390	PROJECT NO.: CS422028-01 PROJ. TYPE: STP PS SS PROJECT RATING: 37 PROJECT RANKING: 58			
Union Township Municipal Authority P.O. Box 501 Union City, PA 16438	COUNTY: REGION: NPDES:	Erie NW N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$958,680 IVB: \$0 V: \$0 ELIG. COST: \$958,680	PROJECT NO.: CS422123-01 PROJ. TYPE: SS PS PROJECT RATING: 37 PROJECT RANKING: 59			
Wayne Township Municipal Authority 1418 Wampum Road, Rte. 288 Ellwood City, PA 16117	COUNTY: REGION: NPDES:	Lawrence NW N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$506,000 IVB: \$279,450 V: \$0 ELIG. COST: \$785,450	PROJECT NO.: CS421828-01 PROJ. TYPE: SS INT PROJECT RATING: 37 PROJECT RANKING: 60			
Westfield Township P.O. Box 61 Cowanesque, PA 16918	COUNTY: REGION: NPDES:	Tioga NC N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$496,790 IVB: \$44,800 V: \$0 ELIG. COST: \$541,590	PROJECT NO.: CS422146-01 PROJ. TYPE: SS PROJECT RATING: 37 PROJECT RANKING: 61			
Evans City Borough 220 Wahl Avenue Evans City, PA 16033	COUNTY: REGION: NPDES:	Butler NW N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$227,550 IVB: \$0 V: \$0 ELIG. COST: \$227,550	PROJECT NO.: CS422057-01 PROJ. TYPE: SS PROJECT RATING: 37 PROJECT RANKING: 62			
Leacock Township 16 E. Westview Drive Intercourse, PA 17534	COUNTY: REGION: NPDES:	Lancaster SC PA0084212	I: \$2,500,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$0 IVB: \$500,000 V: \$0 ELIG. COST: \$3,000,000	PROJECT NO.: CS421839-01 PROJ. TYPE: STP INT PROJECT RATING: 37 PROJECT RANKING: 63			

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Redstone Township 225 Twin Hills Road Grindstone, PA 15442	COUNTY: REGION: NPDES:	Fayette SW N/A	I: \$1,500,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$2,200,000 IVB: \$1,000,000 V: \$0 ELIG. COST: \$4,700,000	PROJECT NO.: CS421504-01 PROJ. TYPE: STP PS INT SS PROJECT RATING: 35 PROJECT RANKING: 64			
McAdoo Borough Sewer Authority 23 N. Hancock Street McAdoo, PA 18237	COUNTY: REGION: NPDES:	Schuylkill NE N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$6,256,510 IVB: \$820,470 V: \$0 ELIG. COST: \$7,076,980	PROJECT NO.: CS421747-01 PROJ. TYPE: SS PS INT PROJECT RATING: 35 PROJECT RANKING: 65			
New Florence Borough/St. Clair Township P.O. Box 272 New Florence, PA 15944	COUNTY: REGION: NPDES:	Westmoreland SW N/A	I: \$750,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$3,000,000 IVB: \$1,650,000 V: \$0 ELIG. COST: \$5,400,000	PROJECT NO.: CS422167-01 PROJ. TYPE: STPMOD PS INT SS PROJECT RATING: 35 PROJECT RANKING: 66			
Kline Township Municipal Authority P.O. Box 160, 76 S. Kennedy Dr. McAdoo, PA 18237	COUNTY: REGION: NPDES:	Schuylkill NE N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$4,316,900 IVB: \$0 V: \$0 ELIG. COST: \$4,316,900	PROJECT NO.: CS421745-01 PROJ. TYPE: SS INT PS PROJECT RATING: 35 PROJECT RANKING: 67			
Port Clinton Borough North Street Port Clinton, PA 19549	COUNTY: REGION: NPDES:	Schuylkill NE N/A	I: \$1,200,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$1,440,000 IVB: \$60,000 V: \$0 ELIG. COST: \$2,700,000	PROJECT NO.: CS421941-01 PROJ. TYPE: STP SS PS INT PROJECT RATING: 35 PROJECT RANKING: 68			
Franklin Township 55 Scott School Road Orrtanna, PA 17353	COUNTY: REGION: NPDES:	Adams SC N/A	I: \$190,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$85,000 IVB: \$0 V: \$0 ELIG. COST: \$275,000	PROJECT NO.: CS422220-01 PROJ. TYPE: STP SS PROJECT RATING: 35 PROJECT RANKING: 69			
Londonderry Township 783 S. Geyer's Church Road Middletown, PA 17057	COUNTY: REGION: NPDES:	Dauphin SC PA0082392	I: \$4,140,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$4,140,000	PROJECT NO.: CS421574-01 PROJ. TYPE: STP PROJECT RATING: 35 PROJECT RANKING: 70			
Jefferson Township Sewer Authority R.R.#3, Box 451H Lake Ariel, PA 18436	COUNTY: REGION: NPDES:	Lackawanna NE N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$12,000,000 IVB: \$4,438,000 V: \$0 ELIG. COST: \$16,438,000	PROJECT NO.: CS421683-01 PROJ. TYPE: SS PS INT PROJECT RATING: 35 PROJECT RANKING: 71			
Scott Township Sewer & Water Authority R.R.#1, Box 457 Olyphant, PA 18447	COUNTY: REGION: NPDES:	Lackawanna NE PA0063207	I: \$2,800,000 II: \$1,200,000 III: \$0 IIIB: \$0	IVA: \$10,700,000 IVB: \$300,000 V: \$0 ELIG. COST: \$15,000,000	PROJECT NO.: CS421672-01 PROJ. TYPE: STP SS INT PROJECT RATING: 35 PROJECT RANKING: 72			
Pine Grove Joint Treatment Authority P.O. Box 482 Pine Grove, PA 17963	COUNTY: REGION: NPDES:	Schuylkill NE N/A	I: \$0 II: \$8,588,894 III: \$0 IIIB: \$3,000,000	IVA: \$0 IVB: \$2,000,000 V: \$0 ELIG. COST: \$13,588,894	PROJECT NO.: CS422086-01 PROJ. TYPE: STP PS INT SSREH PROJECT RATING: 35 PROJECT RANKING: 73			
Wilmington Township Sewer Authority R.D.#5, Box 469 New Castle, PA 16105	COUNTY: REGION: NPDES:	Lawrence NW N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$2,660,000 IVB: \$0 V: \$0 ELIG. COST: \$2,660,000	PROJECT NO.: CS422231-01 PROJ. TYPE: PS SS PROJECT RATING: 35 PROJECT RANKING: 74			

APPLICANT INFORMATION				NEEDS CATEGORIES				PROJECT INFORMATION	
Penn Township R.R.#1, Box 15 Coburn, PA 16832	COUNTY: REGION: NPDES:	Centre NC N/A	I: II: III A: III B:	\$210,004 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$776,596 \$0 \$0 \$986,600	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422204-01 STP SS 35 75	
Delmar Township R.R.#5 Box 70A Wellsboro, PA 16901	COUNTY: REGION: NPDES:	Tioga NC N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$955,934 \$0 \$0 \$955,934	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422150-01 SS 35 76	
Wilkes-Barre Township 150 Watson Street Wilkes-Barre, PA 18702	COUNTY: REGION: NPDES:	Luzerne NE N/A	I: II: III A: III B:	\$0 \$0 \$400,000 \$600,000	IVA: IVB: V: ELIG. COST:	\$1,200,000 \$600,000 \$0 \$2,800,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421943-01 SS SSREH INT 34 77	
Middlesex Township 133 Browns Hill Road Valencia, PA 16059	COUNTY: REGION: NPDES:	Butler NW N/A	I: II: III A: III B:	\$3,022,500 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$10,400,000 \$741,000 \$0 \$14,163,500	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422122-01 STP SS PS INT 34 78	
Manor Township Joint Municipal Authority 2310 Pleasant View Drive Ford City, PA 16226	COUNTY: REGION: NPDES:	Armstrong SW N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,778,560 \$1,093,440 \$0 \$2,872,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422242-01 PS SS INT 34 79	
Union Township 3904 Finley Elrama Road Finleyville, PA 15332	COUNTY: REGION: NPDES:	Washington SW N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,300,000 \$482,530 \$0 \$1,782,530	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422176-01 PS INT SS 34 80	
Findlay Township P.O. Box W, Rte. 30 Clinton, PA 15026	COUNTY: REGION: NPDES:	Allegheny SW N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,356,256 \$0 \$0 \$1,356,256	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422240-01 SS 34 81	
Branch-Cass Regional Sewer Authority P.O. Box 309 Llewellyn, PA 17944	COUNTY: REGION: NPDES:	Schuylkill NE N/A	I: II: III A: III B:	\$2,860,000 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$12,180,000 \$2,797,000 \$0 \$17,837,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421725-01 STP SS INT PS 34 82	
Conyngham Township P.O. Box 14 Wilburton, PA 17888	COUNTY: REGION: NPDES:	Columbia NC N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$3,535,895 \$2,366,773 \$0 \$5,902,668	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421801-01 PS,INT,SS 34 83	
Dudley-Carbon-Coalmont Joint Municipal P. O. Box 276 Dudley, PA 16634	COUNTY: REGION: NPDES:	Huntingdon SC PA0084883	I: II: III A: III B:	\$0 \$1,179,714 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$3,459,286 \$0 \$0 \$4,639,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421581-01 STP SS INT 34 84	
Jeddo Borough R.D. Box 1269 Freeland, PA 18224	COUNTY: REGION: NPDES:	Luzerne NE N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,200,000 \$1,100,000 \$0 \$2,300,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421891-01 SS PS INT 34 85	



APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION		
Banks Township Municipal Authority E. Market Street Tresckow, PA 18254	COUNTY: REGION: NPDES:	Carbon NE N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,377,290 \$821,482 \$0 \$2,198,772	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421739-01 SS PS 34 86	
Duncan Township P.O. Box 908 Wellsboro, PA 16901	COUNTY: REGION: NPDES:	Tioga NC N/A	I: II: III A: III B:	\$572,000 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$988,100 \$0 \$0 \$1,560,100	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422141-01 STP SS 34 87	
Sankertown Borough Sewer Authority P.O. Box 33 Cresson, PA 16630	COUNTY: REGION: NPDES:	Cambria SW N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,324,774 \$200,000 \$0 \$1,524,774	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422223-01 PS SSREH 34 88	
Avondale Borough P.O. Box 247 Avondale, PA 19311	COUNTY: REGION: NPDES:	Chester SE PA0025488	I: II: III A: III B:	\$135,000 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$0 \$0 \$0 \$135,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421644-01 STPMOD 34 89	
Decatur Township R.D.#2 McClure, PA 17841	COUNTY: REGION: NPDES:	Mifflin SC N/A	I: II: III A: III B:	\$2,290,339 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$2,679,478 \$1,530,183 \$0 \$6,500,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421831-01 STP SS PS INT 33 90	
Gulich Township P.O. Box 305 Smithmill, PA 16680	COUNTY: REGION: NPDES:	Clearfield NC N/A	I: II: III A: III B:	\$371,300 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,198,300 \$106,000 \$0 \$1,675,600	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421982-01 STP PS INT SS 33 91	
Corry City Municipal Authority 100 South Center Street Corry, PA 16407	COUNTY: REGION: NPDES:	Erie NW N/A	I: II: III A: III B:	\$0 \$1,584,415 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$0 \$0 \$422,285 \$2,006,700	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422275-01 STPMOD SS 33 92	
Hazle Township Municipal Authority 1060 N. Peace Street Hazleton, PA 18201	COUNTY: REGION: NPDES:	Luzerne NE N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$5,919,136 \$779,864 \$0 \$6,699,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421731-01 SS PS INT 32 93	
Jim Thorpe Borough 101 E. Tenth Street Jim Thorpe, PA 18229	COUNTY: REGION: NPDES:	Carbon NE N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$2,200,000 \$0 \$0 \$2,200,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422216-01 SS 32 94	
Penn Township 157 East Airport Road Butler, PA 16002	COUNTY: REGION: NPDES:	Butler NW N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$10,800,000 \$0 \$0 \$10,800,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421824-01 PS SS FM 32 95	
Bullskin Township/Connellsville Township JSA R.D.#2, BOX 234G Connellsville, PA 15425	COUNTY: REGION: NPDES:	Fayette SW N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,380,545 \$1,150,455 \$0 \$2,531,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422056-01 PS INT SS 32 96	

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Plum Borough Municipal Authority 4555 New Texas Road Pittsburgh, PA 15239	COUNTY: REGION: NPDES:	Allegheny SW	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$566,200 IVB: \$0 V: \$0 ELIG. COST: \$566,200		PROJECT NO.: CS422260-01 PROJ. TYPE: SS PROJECT RATING: 32 PROJECT RANKING: 97		
Hallstead-Great Bend Joint Sewer Authority P.O. Box 757 Great Bend, PA 18821	COUNTY: REGION: NPDES:	Susquehanna NE PA0060518	I: \$1,940,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$820,000 IVB: \$0 V: \$0 ELIG. COST: \$2,760,000		PROJECT NO.: CS421817-01 PROJ. TYPE: STPMOD SS PS PROJECT RATING: 32 PROJECT RANKING: 98		
Winfield Township P.O. Box 65 Cabot, PA 16023	COUNTY: REGION: NPDES:	Butler NW	I: \$66,000 II: \$554,400 III: \$0 IIIB: \$0	IVA: \$902,880 IVB: \$0 V: \$0 ELIG. COST: \$1,523,280		PROJECT NO.: CS422276-01 PROJ. TYPE: STP SS PROJECT RATING: 32 PROJECT RANKING: 99		
Vestaburg - New Hill Joint Authority P.O. Box 189 Vestaburg, PA 15368	COUNTY: REGION: NPDES:	Washington SW N/A	I: \$0 II: \$0 III: \$0 IIIB: \$1,200,000	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$1,200,000		PROJECT NO.: CS422108-01 PROJ. TYPE: SSREH PROJECT RATING: 32 PROJECT RANKING: 100		
Millville Municipal Authority P.O. Box 30 Millville, PA 17846	COUNTY: REGION: NPDES:	Columbia NC N/A	I: \$742,020 II: \$151,980 III: \$0 IIIB: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$894,000		PROJECT NO.: CS422092-01 PROJ. TYPE: STPMOD PROJECT RATING: 32 PROJECT RANKING: 101		
Benton Township/Nicholson Township P.O. Box 29 Fleetville, PA 18420	COUNTY: REGION: NPDES:	Lackaw/Wyoming NE N/A	I: \$0 II: \$1,641,000 III: \$0 IIIB: \$3,290,000	IVA: \$0 IVB: \$181,000 V: \$0 ELIG. COST: \$5,112,000		PROJECT NO.: CS421986-01 PROJ. TYPE: STP SS INT PROJECT RATING: 32 PROJECT RANKING: 102		
Adams Township Municipal Authority P.O. Box 265 Sidman, PA 15926	COUNTY: REGION: NPDES:	Cambria SW	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$249,631 IVB: \$150,512 V: \$0 ELIG. COST: \$400,143		PROJECT NO.: CS422237-01 PROJ. TYPE: PS SS PROJECT RATING: 31 PROJECT RANKING: 103		
South Annville Township R.D.#4, Box 454 Lebanon, PA 17042	COUNTY: REGION: NPDES:	Lebanon SC N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$3,300,000 IVB: \$0 V: \$0 ELIG. COST: \$3,300,000		PROJECT NO.: CS421815-01 PROJ. TYPE: SS PS PROJECT RATING: 31 PROJECT RANKING: 104		
Conestoga Township P.O. Box 98 Conestoga, PA 17516	COUNTY: REGION: NPDES:	Lancaster SC N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$0 IVB: \$1,725,000 V: \$0 ELIG. COST: \$1,725,000		PROJECT NO.: CS421837-01 PROJ. TYPE: SS PS PROJECT RATING: 31 PROJECT RANKING: 105		
West Chillisquaque Township Municipal Authority P.O. Box 168 Montandon, PA 17850	COUNTY: REGION: NPDES:	Northumberland NC	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$1,344,348 IVB: \$51,652 V: \$0 ELIG. COST: \$1,396,000		PROJECT NO.: CS422230-01 PROJ. TYPE: SS PS PROJECT RATING: 31 PROJECT RANKING: 106		
Foster Township 1000 Wyoming Street Freeland, PA 18224	COUNTY: REGION: NPDES:	Luzerne NE PA0020435	I: \$1,000,000 II: \$0 III: \$1,000,000 IIIB: \$500,000	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$2,500,000		PROJECT NO.: CS421888-01 PROJ. TYPE: STPMOD SSREH PS PROJECT RATING: 31 PROJECT RANKING: 107		

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION		
Parryville Borough P.O. Box 52 Parryville, PA 18244	COUNTY: REGION: NPDES:	Carbon NE N/A	I: II: III A: III B:	\$490,600 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$2,420,000 \$330,000 \$0 \$3,240,600	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421633-01 STPMOD SS PS 31 108	
Pulaski Township Municipal Authority Municipal Building, R.D.#1 Pulaski, PA 16143	COUNTY: REGION: NPDES:	Lawrence NW N/A	I: II: III A: III B:	\$0 \$2,261,880 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$6,791,374 \$0 \$0 \$9,053,254	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421996-01 STP SS 30 109	
Franklin Township 900 Fairyland Road Lehighton, PA 18235	COUNTY: REGION: NPDES:	Carbon NE N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$3,743,981 \$415,998 \$0 \$4,159,979	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421889-01 SS PS INT 30 110	
Mahoning Township 2685 Mahoning Drive East Lehighton, PA 18235	COUNTY: REGION: NPDES:	Carbon NE PA0062278	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$3,515,000 \$185,000 \$0 \$3,700,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421668-01 SS PS INT 29 111	
Allegheny Township Municipal Authority 136 Community Building Road Leechburg, PA 15656	COUNTY: REGION: NPDES:	Westmoreland SW N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$3,683,048 \$427,000 \$0 \$4,110,048	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422238-01 SS INT PS 29 112	
Lower Burrell Municipal Authority Schreiber & Bethel Streets Lower Burrell, PA 15068	COUNTY: REGION: NPDES:	Westmoreland SW N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,500,000 \$0 \$0 \$1,500,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422048-01 SS 29 113	
Milton Municipal Authority Two Filbert Street, P.O. Box 150 Milton, PA 17847	COUNTY: REGION: NPDES:	Northumberland NC N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$5,474,451 \$0 \$0 \$5,474,451	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422287-01 SS 29 114	
Hamilton Township 272 Mummert's Church Road Abbottstown, PA 17301	COUNTY: REGION: NPDES:	Adams SC N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$3,000,000 \$0 \$0 \$3,000,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422182-01 SS 29 115	
Herndon Borough P.O. Box 385 Herndon, PA 17830	COUNTY: REGION: NPDES:	Northumberland NC N/A	I: II: III A: III B:	\$760,277 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,801,976 \$103,983 \$0 \$2,666,236	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422144-01 STPMOD SS 29 116	
Valley Township Municipal Authority P.O. Box 307 Danville, PA 17821	COUNTY: REGION: NPDES:	Montour NC PA0035602	I: II: III A: III B:	\$443,902 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,123,325 \$252,966 \$0 \$1,820,193	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421938-01 STPMOD INT SS 29 117	
Centre Township Municipal Authority 449 Bucks Hill Road Mohrsville, PA 19541	COUNTY: REGION: NPDES:	Berks SC PA0086771	I: II: III A: III B:	\$494,312 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,238,688 \$0 \$0 \$1,733,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422030-01 STP SS 29 118	

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION		
Blaine Township 123 Main Street Taylorstown, PA 15365	COUNTY: REGION: NPDES:	Washington SW N/A	I: \$0 II: \$300,000 III: \$0 IIIB: \$0	IVA: \$700,000 IVB: \$300,000 V: \$0 ELIG. COST: \$1,300,000	PROJECT NO.: CS422171-01 PROJ. TYPE: STP INT SS PROJECT RATING: 29 PROJECT RANKING: 119				
Metal Township Municipal Authority P.O. Box 216 Willow Hill, PA 17271	COUNTY: REGION: NPDES:	Franklin SC N/A	I: \$0 II: \$246,400 III: \$0 IIIB: \$0	IVA: \$967,000 IVB: \$0 V: \$0 ELIG. COST: \$1,213,400	PROJECT NO.: CS421814-01 PROJ. TYPE: STP SS PS PROJECT RATING: 29 PROJECT RANKING: 120				
Rose Township Rte. 3, Box 143 Brookville, PA 15825	COUNTY: REGION: NPDES:	Jefferson NW N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$932,180 IVB: \$60,000 V: \$0 ELIG. COST: \$992,180	PROJECT NO.: CS421914-01 PROJ. TYPE: SS PROJECT RATING: 29 PROJECT RANKING: 121				
Sergeant Township Box 1A, Clermont S.R. Mt. Jewett, PA 16740	COUNTY: REGION: NPDES:	McKean NW N/A	I: \$126,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$363,255 IVB: \$0 V: \$0 ELIG. COST: \$489,255	PROJECT NO.: CS421992-01 PROJ. TYPE: STP SS PROJECT RATING: 29 PROJECT RANKING: 122				
Kidder Township P.O. Box 576 Lake Harmony, PA 18624	COUNTY: REGION: NPDES:	Carbon NE N/A	I: \$4,000,000 II: \$350,000 III: \$0 IIIB: \$0	IVA: \$6,900,000 IVB: \$0 V: \$0 ELIG. COST: \$11,250,000	PROJECT NO.: CS422219-01 PROJ. TYPE: STPMOD PS SS PROJECT RATING: 29 PROJECT RANKING: 123				
Sharon City 155 W. Connelly Boulevard Sharon, PA 16146	COUNTY: REGION: NPDES:	Mercer NW N/A	I: \$10,756,295 II: \$0 III: \$0 IIIB: \$0	IVA: \$0 IVB: \$500,000 V: \$0 ELIG. COST: \$11,256,295	PROJECT NO.: CS422131-01 PROJ. TYPE: STPMOD INT PROJECT RATING: 29 PROJECT RANKING: 124				
North Huntingdon Township Municipal 11265 Center Highway North Huntingdon, PA 15642	COUNTY: REGION: NPDES:	Westmoreland SW N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$1,000,000 IVB: \$7,940,000 V: \$0 ELIG. COST: \$8,940,000	PROJECT NO.: CS422093-01 PROJ. TYPE: SS PS PROJECT RATING: 29 PROJECT RANKING: 125				
Scott Township 2600 Old Greentree Road Carnegie, PA 15106	COUNTY: REGION: NPDES:	Allegheny SW N/A	I: \$0 II: \$0 III: \$5,949,317 IIIB: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$5,949,317	PROJECT NO.: CS422170-01 PROJ. TYPE: SSREH PROJECT RATING: 29 PROJECT RANKING: 126				
Mid-Centre County Authority. P.O. Box 811 Milesburg, PA 16853	COUNTY: REGION: NPDES:	Centre NC N/A	I: \$3,687,719 II: \$1,434,113 III: \$0 IIIB: \$212,168	IVA: \$369,600 IVB: \$0 V: \$0 ELIG. COST: \$5,703,600	PROJECT NO.: CS422206-01 PROJ. TYPE: STPMOD INT PROJECT RATING: 29 PROJECT RANKING: 127				
Baldwin Borough Mun. Bldg., 3344 Churchview Ave. Pittsburgh, PA 15227	COUNTY: REGION: NPDES:	Allegheny SW N/A	I: \$0 II: \$0 III: \$0 IIIB: \$4,185,600	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$4,185,600	PROJECT NO.: CS422239-01 PROJ. TYPE: SSREH PROJECT RATING: 29 PROJECT RANKING: 128				
Fredericksburg Sewer & Water Authority P.O. Box 161 Fredericksburg, PA 17026	COUNTY: REGION: NPDES:	Lebanon SC N/A	I: \$1,873,380 II: \$0 III: \$0 IIIB: \$0	IVA: \$2,226,000 IVB: \$0 V: \$0 ELIG. COST: \$4,099,380	PROJECT NO.: CS422303-01 PROJ. TYPE: STPMOD SS PS INT PROJECT RATING: 29 PROJECT RANKING: 129				

APPLICANT INFORMATION				NEEDS CATEGORIES				PROJECT INFORMATION			
Patton Borough P.O. Box 175 Patton, PA 16668	COUNTY: REGION: NPDES:	Cambria SW N/A	I: \$3,000,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$0 IVB: \$0 V: \$0	ELIG. COST: \$3,000,000	PROJECT NO.: CS422119-01 PROJ. TYPE: STPMOD PROJECT RATING: 29 PROJECT RANKING: 130					
Lower Towamensing Township R.D.# 2, Box 211A Palmerton, PA 18071	COUNTY: REGION: NPDES:	Carbon NE N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$2,700,000 IVB: \$300,000 V: \$0	ELIG. COST: \$3,000,000	PROJECT NO.: CS421686-01 PROJ. TYPE: SS PS INT PROJECT RATING: 29 PROJECT RANKING: 130					
Penn Lake Park Borough Box 133 Penn Lake White Haven, PA 18661	COUNTY: REGION: NPDES:	Luzerne NE N/A	I: \$619,500 II: \$0 III: \$0 IIIB: \$0	IVA: \$1,978,500 IVB: \$0 V: \$0	ELIG. COST: \$2,598,000	PROJECT NO.: CS421671-01 PROJ. TYPE: STP SS INT PROJECT RATING: 29 PROJECT RANKING: 132					
Meshoppen Borough P.O. Box 237 Meshoppen, PA 18630	COUNTY: REGION: NPDES:	Wyoming NE	I: \$0 II: \$860,000 III: \$0 IIIB: \$0	IVA: \$989,703 IVB: \$290,000 V: \$0	ELIG. COST: \$2,139,703	PROJECT NO.: CS422267-01 PROJ. TYPE: STP INT SS PROJECT RATING: 29 PROJECT RANKING: 133					
Koppel Borough P.O. Box 1 Koppel, PA 16136	COUNTY: REGION: NPDES:	Beaver SW	I: \$2,058,570 II: \$0 III: \$0 IIIB: \$0	IVA: \$0 IVB: \$0 V: \$0	ELIG. COST: \$2,058,570	PROJECT NO.: CS422258-01 PROJ. TYPE: STPMOD PROJECT RATING: 29 PROJECT RANKING: 134					
Leesport Borough Authority P.O. Box 18 Leesport, PA 19533	COUNTY: REGION: NPDES:	Berks SC PA0070149	I: \$1,026,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$406,000 IVB: \$0 V: \$0	ELIG. COST: \$1,432,000	PROJECT NO.: CS421577-01 PROJ. TYPE: STPMOD SS PROJECT RATING: 29 PROJECT RANKING: 135					
Uniontown City 20 N. Gallatin Avenue Uniontown, PA 15401	COUNTY: REGION: NPDES:	Fayette SW	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$0 IVB: \$1,278,000 V: \$0	ELIG. COST: \$1,278,000	PROJECT NO.: CS422261-01 PROJ. TYPE: INT PROJECT RATING: 29 PROJECT RANKING: 136					
Roaring Brook Township Sewer Authority P.O. Box 2170 Moscow, PA 18444	COUNTY: REGION: NPDES:	Lackawanna NE N/A	I: \$0 II: \$0 III: \$0 IIIB: \$650,000	IVA: \$0 IVB: \$0 V: \$0	ELIG. COST: \$650,000	PROJECT NO.: CS422160-01 PROJ. TYPE: SSREH PROJECT RATING: 29 PROJECT RANKING: 137					
Jeannette City Municipal Authority P.O. Box 294 Penn, PA 15675	COUNTY: REGION: NPDES:	Westmoreland SW	I: \$0 II: \$0 III: \$0 IIIB: \$632,000	IVA: \$0 IVB: \$0 V: \$0	ELIG. COST: \$632,000	PROJECT NO.: CS422198-01 PROJ. TYPE: SSREH PS PROJECT RATING: 29 PROJECT RANKING: 138					
Worthington-West Franklin Joint Mun Auth P.O. Box 0, R.D.#2, Box 40A Worthington, PA 16262	COUNTY: REGION: NPDES:	Armstrong SW N/A	I: \$2,300,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$4,000,000 IVB: \$1,900,000 V: \$0	ELIG. COST: \$8,200,000	PROJECT NO.: CS421481-01 PROJ. TYPE: STP SS PS INT PROJECT RATING: 28 PROJECT RANKING: 139					
Pittsburgh Water & Sewer Authority 441 Smithfield Street Pittsburgh, PA 15222	COUNTY: REGION: NPDES:	Allegheny SW	I: \$0 II: \$0 III: \$0 IIIB: \$3,805,100	IVA: \$0 IVB: \$0 V: \$0	ELIG. COST: \$3,805,100	PROJECT NO.: CS422246-01 PROJ. TYPE: SSREH PROJECT RATING: 28 PROJECT RANKING: 140					

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Muddy Run Authority R.D.# 1, Box 51 Fallentimber, PA 16639	COUNTY: REGION: NPDES:	Clearfield NC N/A	I: \$1,197,728 II: \$0 III A: \$0 III B: \$0	IVA: \$6,446,512 IVB: \$1,725,640 V: \$0 ELIG. COST: \$9,369,880	PROJECT NO.: CS421981-01 PROJ. TYPE: STP PS INT SS PROJECT RATING: 27 PROJECT RANKING: 141			
Pocono Township P.O. Box 197 Tannersville, PA 18372	COUNTY: REGION: NPDES:	Monroe NE N/A	I: \$5,596,100 II: \$0 III A: \$0 III B: \$0	IVA: \$2,626,056 IVB: \$80,000 V: \$0 ELIG. COST: \$8,302,156	PROJECT NO.: CS421642-01 PROJ. TYPE: STP SS PROJECT RATING: 27 PROJECT RANKING: 142			
McKean Township Sewer Authority P.O. Box 88 McKean, PA 16426	COUNTY: REGION: NPDES:	Erie NW N/A	I: \$0 II: \$2,565,000 III A: \$0 III B: \$0	IVA: \$2,750,500 IVB: \$0 V: \$0 ELIG. COST: \$5,315,500	PROJECT NO.: CS421822-01 PROJ. TYPE: STP SS PS INT PROJECT RATING: 27 PROJECT RANKING: 143			
Prospect Borough P.O. Box 308 Prospect, PA 16052	COUNTY: REGION: NPDES:	Butler NW N/A	I: \$0 II: \$0 III A: \$0 III B: \$0	IVA: \$1,200,000 IVB: \$0 V: \$0 ELIG. COST: \$1,200,000	PROJECT NO.: CS422214-01 PROJ. TYPE: SS PS PROJECT RATING: 27 PROJECT RANKING: 144			
Ebensburg Borough Municipal Authority 300 W. High Street Ebensburg, PA 15931	COUNTY: REGION: NPDES:	Cambria SW N/A	I: \$4,000,000 II: \$0 III A: \$0 III B: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$4,000,000	PROJECT NO.: CS422118-01 PROJ. TYPE: STPMOD PROJECT RATING: 27 PROJECT RANKING: 145			
East Lampeter Township 2205 Old Philadelphia Pike Lancaster, PA 17602	COUNTY: REGION: NPDES:	Lancaster SC N/A	I: \$0 II: \$0 III A: \$0 III B: \$0	IVA: \$1,626,000 IVB: \$0 V: \$0 ELIG. COST: \$1,626,000	PROJECT NO.: CS421510-01 PROJ. TYPE: PS INT PROJECT RATING: 27 PROJECT RANKING: 146			
Huston Township P.O. Box 38 Penfield, PA 15849	COUNTY: REGION: NPDES:	Clearfield NC N/A	I: \$860,000 II: \$0 III A: \$0 III B: \$0	IVA: \$2,795,000 IVB: \$645,000 V: \$0 ELIG. COST: \$4,300,000	PROJECT NO.: CS421760-01 PROJ. TYPE: SS,STP,INT,PS PROJECT RATING: 27 PROJECT RANKING: 147			
Deer Lake Municipal Authority P.O. Box 30 Auburn, PA 17922	COUNTY: REGION: NPDES:	Schuylkill NE N/A	I: \$871,100 II: \$0 III A: \$0 III B: \$391,400	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$1,262,500	PROJECT NO.: CS422218-01 PROJ. TYPE: STPMOD SSREH PROJECT RATING: 27 PROJECT RANKING: 148			
Greene Township 9333 Tate Road Erie, PA 16509	COUNTY: REGION: NPDES:	Erie NW N/A	I: \$0 II: \$0 III A: \$0 III B: \$0	IVA: \$9,830,410 IVB: \$0 V: \$0 ELIG. COST: \$9,830,410	PROJECT NO.: CS421995-01 PROJ. TYPE: SS PROJECT RATING: 26 PROJECT RANKING: 149			
Cranberry Township State Route 257, P.O. Box 378 Seneca, PA 16346	COUNTY: REGION: NPDES:	Venango NW N/A	I: \$0 II: \$0 III A: \$0 III B: \$0	IVA: \$4,983,700 IVB: \$0 V: \$0 ELIG. COST: \$4,983,700	PROJECT NO.: CS422284-01 PROJ. TYPE: PS SS PROJECT RATING: 26 PROJECT RANKING: 150			
Pine Township / Wolf Creek Township 545 Barkeyville Road Grove City, PA 16127	COUNTY: REGION: NPDES:	Mercer NW N/A	I: \$0 II: \$0 III A: \$0 III B: \$0	IVA: \$1,057,150 IVB: \$0 V: \$0 ELIG. COST: \$1,057,150	PROJECT NO.: CS421998-01 PROJ. TYPE: SS PROJECT RATING: 26 PROJECT RANKING: 151			

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Old Lycoming Township Sewer Authority 1951 Green Avenue Williamsport, PA 17701	COUNTY: REGION: NPDES:	Lycoming NC N/A	I: II: III A: III B:	\$153,216 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$797,328 \$57,456 \$0 \$1,008,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422149-01 STPMOD SS PS INT 26 152
Center Township Sewer Authority 224 Center Grange Road Aliquippa, PA 15001	COUNTY: REGION: NPDES:	Beaver SW N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$906,800 \$0 \$0 \$906,800	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422253-01 SS 26 153
Foster Township Rte. 901 Sunbury Road Pottsville, PA 17901	COUNTY: REGION: NPDES:	Schuylkill NE PA0027693	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$800,000 \$250,000 \$0 \$1,050,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421988-01 SS PS INT 26 154
Economy Borough Municipal Authority 2860 Conway-Wall Rose Road Baden, PA 15005	COUNTY: REGION: NPDES:	Beaver SW N/A	I: II: III A: III B:	\$7,000,000 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$18,431,000 \$3,250,000 \$0 \$28,681,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422047-01 STP SS PS INT 26 155
North East Township 10300 W. Main Road, P.O Box 249 North East, PA 16428	COUNTY: REGION: NPDES:	Erie NW N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$7,150,000 \$0 \$0 \$7,150,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422126-01 SS 26 156
Dickson City Borough Borough Building Dickson City, PA 18519	COUNTY: REGION: NPDES:	Lackawanna NE N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,500,000 \$225,000 \$0 \$1,725,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421726-01 SS INT 26 157
North Fayette Township 400 N. Branch Road Oakdale, PA 15071	COUNTY: REGION: NPDES:	Allegheny SW N/A	I: II: III A: III B:	\$0 \$0 \$0 \$1,413,600	IVA: IVB: V: ELIG. COST:	\$0 \$0 \$0 \$1,413,600	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422244-01 SSREH 26 158
Cresson Borough Municipal Authority P.O. Box 75 Cresson, PA 16630	COUNTY: REGION: NPDES:	Cambria SW N/A	I: II: III A: III B:	\$5,989,336 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$0 \$0 \$0 \$5,989,336	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422046-01 STPMOD 26 159
Muncy Creek Township Authority 575 Route 442 Highway Muncy, PA 17756	COUNTY: REGION: NPDES:	Lycoming NC N/A	I: II: III A: III B:	\$1,467,699 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$3,296,914 \$588,761 \$0 \$5,353,374	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422289-01 STPMOD INT SS 26 160
Foster Township 1000 Wyoming Street Freeland, PA 18224	COUNTY: REGION: NPDES:	Luzerne NE N/A	I: II: III A: III B:	\$300,000 \$0 \$0 \$968,000	IVA: IVB: V: ELIG. COST:	\$1,987,046 \$143,048 \$0 \$3,398,094	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421681-01 STP SS PS INT 26 161
Lock Haven City 20 E. Church Street Lock Haven, PA 17745	COUNTY: REGION: NPDES:	Clinton NC N/A	I: II: III A: III B:	\$2,800,000 \$0 \$500,000 \$0	IVA: IVB: V: ELIG. COST:	\$0 \$0 \$0 \$3,300,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422294-01 STPMOD SS 26 162

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION		
Ellwood City Borough 525 Lawrence Avenue Ellwood City, PA 16117	COUNTY: REGION: NPDES:	Lawrence/Beaver NW IIIA:	I: \$0 II: \$16,962,000 IIIA: \$724,000 IIIB: \$0	IVA: \$1,614,000 IVB: \$0 V: \$0 ELIG. COST: \$19,300,000	PROJECT NO.: CS422280-01 PROJ. TYPE: STP PS FM I/I PROJECT RATING: 26 PROJECT RANKING: 163				
Silver Lake Township P.O. Box 126 Brackney, PA 18812	COUNTY: REGION: NPDES:	Susquehanna NE N/A	I: \$0 II: \$100,000 IIIA: \$0 IIIB: \$0	IVA: \$500,000 IVB: \$260,000 V: \$0 ELIG. COST: \$860,000	PROJECT NO.: CS422088-01 PROJ. TYPE: STPMOD SS INT PROJECT RATING: 26 PROJECT RANKING: 164				
Westmont Borough 1000 Luzerne Street Johnstown, PA 15905	COUNTY: REGION: NPDES:	Cambria SW N/A	I: \$0 II: \$0 IIIA: \$666,500 IIIB: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$666,500	PROJECT NO.: CS422111-01 PROJ. TYPE: SSREH PROJECT RATING: 25 PROJECT RANKING: 165				
Stroud Township Sewer Authority 1211 N. Fifth Street Stroudsburg, PA 18360	COUNTY: REGION: NPDES:	Monroe NE N/A	I: \$0 II: \$0 IIIA: \$0 IIIB: \$0	IVA: \$600,000 IVB: \$1,130,000 V: \$0 ELIG. COST: \$1,730,000	PROJECT NO.: CS422187-01 PROJ. TYPE: PS INT SS PROJECT RATING: 25 PROJECT RANKING: 166				
Elkland Borough Authority 105 Parkhurst Street Elkland, PA 16920	COUNTY: REGION: NPDES:	Tioga NC PA0113398	I: \$150,480 II: \$58,520 IIIA: \$0 IIIB: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$209,000	PROJECT NO.: CS421963-01 PROJ. TYPE: STPMOD PROJECT RATING: 25 PROJECT RANKING: 167				
East Allen Township 5344 Nor-bath Boulevard Northampton, PA 18067	COUNTY: REGION: NPDES:	Northampton NE	I: \$0 II: \$0 IIIA: \$0 IIIB: \$0	IVA: \$262,520 IVB: \$264,880 V: \$0 ELIG. COST: \$527,400	PROJECT NO.: CS422273-01 PROJ. TYPE: INT SS PROJECT RATING: 23 PROJECT RANKING: 168				
Brockway Area Sewage Authority 501 Main Street Brockway, PA 15824	COUNTY: REGION: NPDES:	Jefferson/Elk NW N/A	I: \$4,687,400 II: \$0 IIIA: \$1,887,600 IIIB: \$755,000	IVA: \$7,712,500 IVB: \$0 V: \$0 ELIG. COST: \$15,042,500	PROJECT NO.: CS421910-01 PROJ. TYPE: STP PS INT SS I/I PROJECT RATING: 23 PROJECT RANKING: 169				
Redbank Valley Municipal Authority 212 Lafayette Street New Bethlehem, PA 16242	COUNTY: REGION: NPDES:	Clarion NW PA0024511	I: \$1,639,000 II: \$0 IIIA: \$1,435,000 IIIB: \$0	IVA: \$4,089,000 IVB: \$2,722,000 V: \$0 ELIG. COST: \$9,885,000	PROJECT NO.: CS421900-01 PROJ. TYPE: STPMOD SS PROJECT RATING: 23 PROJECT RANKING: 170				
Conewago Township 3279 Old Hershey Road Elizabethtown, PA 17022	COUNTY: REGION: NPDES:	Dauphin SC	I: \$500,000 II: \$0 IIIA: \$0 IIIB: \$0	IVA: \$2,000,000 IVB: \$1,000,000 V: \$0 ELIG. COST: \$3,500,000	PROJECT NO.: CS422299-01 PROJ. TYPE: STPMOD PS INT SS PROJECT RATING: 23 PROJECT RANKING: 171				
East Penn Township 288 Schleicher Avenue Lehighton, PA 18235	COUNTY: REGION: NPDES:	Carbon NE N/A	I: \$0 II: \$0 IIIA: \$0 IIIB: \$0	IVA: \$2,620,000 IVB: \$540,000 V: \$0 ELIG. COST: \$3,160,000	PROJECT NO.: CS421679-01 PROJ. TYPE: SS INT PROJECT RATING: 23 PROJECT RANKING: 172				
Beavertown Municipal Authority 419 Old Orchard Drive Beavertown, PA 17813	COUNTY: REGION: NPDES:	Snyder NC N/A	I: \$1,766,596 II: \$361,833 IIIA: \$0 IIIB: \$380,814	IVA: \$0 IVB: \$442,807 V: \$0 ELIG. COST: \$2,952,050	PROJECT NO.: CS422137-01 PROJ. TYPE: STPMOD INT PROJECT RATING: 23 PROJECT RANKING: 173				



APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Bloomfield Township 22978 Shreve Road Union City, PA 16438	COUNTY: REGION: NPDES:	Crawford NW N/A	I: \$1,044,800 II: \$0 III A: \$0 III B: \$0	IVA: \$1,077,000 IVB: \$0 V: \$0 ELIG. COST: \$2,121,800	PROJECT NO.: CS422133-01 PROJ. TYPE: STP SS PS PROJECT RATING: 23 PROJECT RANKING: 174			
Brush Valley Township R.D.#4, Box 264 Indiana, PA 15701	COUNTY: REGION: NPDES:	Indiana SW N/A	I: \$244,000 II: \$0 III A: \$0 III B: \$0	IVA: \$1,529,565 IVB: \$325,710 V: \$0 ELIG. COST: \$2,099,275	PROJECT NO.: CS421847-01 PROJ. TYPE: STP SS PROJECT RATING: 23 PROJECT RANKING: 175			
New Eagle Borough Municipal Sewer 157 Main Street New Eagle, PA 15067	COUNTY: REGION: NPDES:	Washington SW	I: \$0 II: \$0 III A: \$0 III B: \$1,758,460	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$1,758,460	PROJECT NO.: CS422259-01 PROJ. TYPE: SSREH PROJECT RATING: 23 PROJECT RANKING: 176			
Locust Township R.R.#3 Box 119A Catawissa, PA 17820	COUNTY: REGION: NPDES:	Columbia NC N/A	I: \$464,671 II: \$95,174 III A: \$0 III B: \$0	IVA: \$1,031,206 IVB: \$82,407 V: \$0 ELIG. COST: \$1,673,458	PROJECT NO.: CS422140-01 PROJ. TYPE: STP SS INT PROJECT RATING: 23 PROJECT RANKING: 177			
Point Township Sewer Authority P.O. Box 312 Northumberland, PA 17857	COUNTY: REGION: NPDES:	Northumberland NC	I: \$124,735 II: \$0 III A: \$0 III B: \$0	IVA: \$1,303,108 IVB: \$177,857 V: \$0 ELIG. COST: \$1,605,700	PROJECT NO.: CS422292-01 PROJ. TYPE: STPMOD INT SS PROJECT RATING: 23 PROJECT RANKING: 178			
Bald Eagle Township Authority R.D.#2, Box 301 Mill Hall, PA 17751	COUNTY: REGION: NPDES:	Clinton NC N/A	I: \$0 II: \$0 III A: \$0 III B: \$0	IVA: \$858,000 IVB: \$700,000 V: \$0 ELIG. COST: \$1,558,000	PROJECT NO.: CS421932-01 PROJ. TYPE: INT SS PS PROJECT RATING: 23 PROJECT RANKING: 179			
McClure Municipal Authority P.O. Box 138 McClure, PA 17841	COUNTY: REGION: NPDES:	Snyder NC	I: \$956,132 II: \$0 III A: \$423,868 III B: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$1,380,000	PROJECT NO.: CS422290-01 PROJ. TYPE: STPMOD SS PROJECT RATING: 23 PROJECT RANKING: 180			
Lawrence-Hickory Municipal Authority 1735 Harlansburg Road New Castle, PA 16101	COUNTY: REGION: NPDES:	Lawrence NW N/A	I: \$0 II: \$0 III A: \$0 III B: \$0	IVA: \$1,149,905 IVB: \$0 V: \$0 ELIG. COST: \$1,149,905	PROJECT NO.: CS421915-01 PROJ. TYPE: SS PROJECT RATING: 23 PROJECT RANKING: 181			
Hopewell Township R.D.#1, Box 95 James Creek, PA 16657	COUNTY: REGION: NPDES:	Huntingdon SC PA0082759	I: \$0 II: \$0 III A: \$0 III B: \$0	IVA: \$785,956 IVB: \$0 V: \$0 ELIG. COST: \$785,956	PROJECT NO.: CS421571-01 PROJ. TYPE: SS PS PROJECT RATING: 23 PROJECT RANKING: 182			
Fredericksburg Water & Sewer Authority 150 S. Pine Grove Street Fredericksburg, PA 17026	COUNTY: REGION: NPDES:	Lebanon SC PA0080705	I: \$0 II: \$450,000 III A: \$0 III B: \$0	IVA: \$300,000 IVB: \$0 V: \$0 ELIG. COST: \$750,000	PROJECT NO.: CS421924-01 PROJ. TYPE: STPMOD SS PROJECT RATING: 23 PROJECT RANKING: 183			
Riverside Borough P.O. Box 307 Riverside, PA 17868	COUNTY: REGION: NPDES:	Northumberland NC	I: \$0 II: \$0 III A: \$0 III B: \$0	IVA: \$0 IVB: \$282,864 V: \$0 ELIG. COST: \$282,864	PROJECT NO.: CS422295-01 PROJ. TYPE: SS PROJECT RATING: 23 PROJECT RANKING: 184			

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
West Mahanoy Township Authority 190 Pennsylvania Avenue Shenandoah Height, PA 17976	COUNTY: REGION: NPDES:	Schuylkill NE N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$3,375,000 \$3,375,000 \$0 \$6,750,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421906-01 SS PS INT 22 185
Berwick Area Joint Sewer Authority 344 Market Street Berwick, PA 18603	COUNTY: REGION: NPDES:	Columbia NC N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$0 \$0 \$1,400,000 \$1,400,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422293-01 INT 22 186
Cambridge Springs Borough 26 Federal Street Cambridge Springs, PA 16403	COUNTY: REGION: NPDES:	Crawford NW N/A	I: II: III A: III B:	\$0 \$2,100,000 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$0 \$0 \$0 \$2,100,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421993-01 STPMOD 22 187
New Milford Borough P.O. Box 630 New Milford, PA 18834	COUNTY: REGION: NPDES:	Susquehanna NE N/A	I: II: III A: III B:	\$2,000,000 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$3,000,000 \$1,600,000 \$0 \$6,600,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421734-01 STP SS PS INT 22 188
Bedford Borough Municipal Authority 244 W. Penn Street Bedford, PA 15522	COUNTY: REGION: NPDES:	Bedford SC N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$6,100,000 \$0 \$0 \$6,100,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422062-01 SS INT 22 189
Mid-Cameron Authority 421 North Broad Street Emporium, PA 15834	COUNTY: REGION: NPDES:	Cameron NC N/A	I: II: III A: III B:	\$5,372,030 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$0 \$145,500 \$0 \$5,517,530	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422285-01 STPMOD INT 22 190
Penn Township 260 Lewis Road West Grove, PA 19390	COUNTY: REGION: NPDES:	Chester SE N/A	I: II: III A: III B:	\$0 \$550,000 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$0 \$160,000 \$0 \$710,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422232-01 STPMOD FM 22 191
Scranton City Sewer Authority 307 N. Washington Avenue Scranton, PA 18503	COUNTY: REGION: NPDES:	Lackawanna NE N/A	I: II: III A: III B:	\$4,952,648 \$0 \$0 \$361,352	IVA: IVB: V: ELIG. COST:	\$0 \$0 \$0 \$5,314,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422186-01 STPMOD SSREH 22 192
Scranton City Sewer Authority 307 N. Washington Avenue Scranton, PA 18503	COUNTY: REGION: NPDES:	Lackawanna NE N/A	I: II: III A: III B:	\$4,610,604 \$0 \$0 \$336,396	IVA: IVB: V: ELIG. COST:	\$0 \$0 \$0 \$4,947,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422186-02 STPMOD SSREH 22 193
Masontown Municipal Authority 2 Court Avenue Masontown, PA 15461	COUNTY: REGION: NPDES:	Fayette SW N/A	I: II: III A: III B:	\$757,604 \$0 \$0 \$150,000	IVA: IVB: V: ELIG. COST:	\$0 \$0 \$0 \$907,604	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422109-01 STPMOD SSREH 21 194
Girard Township 10140 Ridge Road Girard, PA 16417	COUNTY: REGION: NPDES:	Erie NW N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$5,098,100 \$0 \$0 \$5,098,100	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422124-01 SS 21 195

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION		
Ralpho Township 30 S. Market Street Elysburg, PA 17824	COUNTY: REGION: NPDES:	Northumberland NC PA0028738	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$1,293,827 IVB: \$0 V: \$0 ELIG. COST: \$1,293,827	PROJECT NO.: CS422019-01 PROJ. TYPE: SS PROJECT RATING: 20 PROJECT RANKING: 196				
Neshannock Township 3131 Mercer Road New Castle, PA 16105	COUNTY: REGION: NPDES:	Lawrence NW N/A	I: \$0 II: \$0 III: \$0 IIIB: \$788,750	IVA: \$4,325,602 IVB: \$3,148,438 V: \$0 ELIG. COST: \$8,262,790	PROJECT NO.: CS421916-01 PROJ. TYPE: SS PS INT PROJECT RATING: 20 PROJECT RANKING: 197				
Hopewell Township 1700 Clark Boulevard Aliquippa, PA 15001	COUNTY: REGION: NPDES:	Beaver SW N/A	I: \$5,360,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$0 IVB: \$640,000 V: \$0 ELIG. COST: \$6,000,000	PROJECT NO.: CS422222-01 PROJ. TYPE: STPMOD INT PROJECT RATING: 20 PROJECT RANKING: 198				
Greater Pottsville Area Sewer Authority P.O. Box 1163 Pottsville, PA 17901	COUNTY: REGION: NPDES:	Schuylkill NE PA0043885	I: \$19,400,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$6,305,000 IVB: \$2,200,000 V: \$2,470,000 ELIG. COST: \$30,375,000	PROJECT NO.: CS422037-01 PROJ. TYPE: STPMOD SS INT PS PROJECT RATING: 20 PROJECT RANKING: 199				
St. Marys Municipal Authority 808 S. Michael Rd., P.O. Box 199 St. Marys, PA 15857	COUNTY: REGION: NPDES:	Elk NW N/A	I: \$0 II: \$10,000,000 III: \$0 IIIB: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$10,000,000	PROJECT NO.: CS422215-01 PROJ. TYPE: STPMOD PROJECT RATING: 20 PROJECT RANKING: 200				
Charleston Township R.D.#2, Box 226 Wellsboro, PA 16901	COUNTY: REGION: NPDES:	Tioga NC PA0021687	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$6,804,057 IVB: \$115,500 V: \$0 ELIG. COST: \$6,919,557	PROJECT NO.: CS421800-01 PROJ. TYPE: INT,SS PROJECT RATING: 20 PROJECT RANKING: 201				
Apollo Borough 45 N. Pennsylvania Avenue Apollo, PA 15613	COUNTY: REGION: NPDES:	Armstrong SW N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$0 IVB: \$0 V: \$3,950,125 ELIG. COST: \$3,950,125	PROJECT NO.: CS422221-01 PROJ. TYPE: SS PROJECT RATING: 20 PROJECT RANKING: 202				
Farmington Township P.O. Box 148 Leeper, PA 16233	COUNTY: REGION: NPDES:	Clarion NW N/A	I: \$954,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$2,749,654 IVB: \$0 V: \$0 ELIG. COST: \$3,703,654	PROJECT NO.: CS422127-01 PROJ. TYPE: STP SS PS PROJECT RATING: 20 PROJECT RANKING: 203				
Kiski Valley WPCA 1200 Pine Camp Road Leechburg, PA 15656	COUNTY: REGION: NPDES:	Westmoreland SW	I: \$2,173,200 II: \$0 III: \$0 IIIB: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$2,173,200	PROJECT NO.: CS422257-01 PROJ. TYPE: STPMOD PROJECT RATING: 20 PROJECT RANKING: 204				
Derry Township Sanitary Sewer Authority Mill Street, Box N Yeagertown, PA 17099	COUNTY: REGION: NPDES:	Mifflin SC N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$1,083,000 IVB: \$850,000 V: \$0 ELIG. COST: \$1,933,000	PROJECT NO.: CS420343-02 PROJ. TYPE: SS INT PROJECT RATING: 20 PROJECT RANKING: 205				
Leechburg Borough 260 Market Street Leechburg, PA 15656	COUNTY: REGION: NPDES:	Armstrong SW	I: \$0 II: \$0 III: \$0 IIIB: \$1,722,635	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$1,722,635	PROJECT NO.: CS422241-01 PROJ. TYPE: SS PROJECT RATING: 20 PROJECT RANKING: 206				

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Morris Township Municipal Authority R.R.#2, Box 157A Morrisdale, PA 16858	COUNTY: REGION: NPDES:	Clearfield NC	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$1,553,238 IVB: \$121,262 V: \$0 ELIG. COST: \$1,674,500		PROJECT NO.: CS422309-01 PROJ. TYPE: INT SS PROJECT RATING: 20 PROJECT RANKING: 207		
Glen Hope Borough P.O. Box 53 Glen Hope, PA 16645	COUNTY: REGION: NPDES:	Clearfield NC N/A	I: \$217,100 II: \$0 III: \$0 IIIB: \$0	IVA: \$881,470 IVB: \$0 V: \$0 ELIG. COST: \$1,098,570		PROJECT NO.: CS421983-01 PROJ. TYPE: STP SS PROJECT RATING: 20 PROJECT RANKING: 208		
Philipsburg Borough 4 N. Centre Street Philipsburg, PA 16866	COUNTY: REGION: NPDES:	Centre NC	I: \$0 II: \$0 III: \$0 IIIB: \$1,030,980	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$1,030,980		PROJECT NO.: CS422251-01 PROJ. TYPE: SSREH PROJECT RATING: 20 PROJECT RANKING: 209		
Carlisle Suburban Authority 240 Clearwater Drive Carlisle, PA 17013	COUNTY: REGION: NPDES:	Cumberland SC	I: \$0 II: \$1,200,000 III: \$0 IIIB: \$0	IVA: \$3,400,000 IVB: \$4,000,000 V: \$0 ELIG. COST: \$8,600,000		PROJECT NO.: CS422302-01 PROJ. TYPE: STP PS INT SS PROJECT RATING: 20 PROJECT RANKING: 210		
Wayne Township P.O. Box 97 Friedensburg, PA 17933	COUNTY: REGION: NPDES:	Schuylkill NE N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$2,502,000 IVB: \$0 V: \$0 ELIG. COST: \$2,502,000		PROJECT NO.: CS421675-01 PROJ. TYPE: SS PROJECT RATING: 20 PROJECT RANKING: 211		
North East Borough 58 E. Main Street North East, PA 16428	COUNTY: REGION: NPDES:	Erie NW N/A	I: \$0 II: \$10,560,000 III: \$0 IIIB: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$10,560,000		PROJECT NO.: CS422125-01 PROJ. TYPE: STPMOD PROJECT RATING: 20 PROJECT RANKING: 212		
Lackawanna River Basin Sewer Authority P. O. Box 9068 Dickson City, PA 18519	COUNTY: REGION: NPDES:	Lackawanna NE	I: \$3,455,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$3,455,000		PROJECT NO.: CS422247-01 PROJ. TYPE: STPMOD PROJECT RATING: 20 PROJECT RANKING: 213		
Portage Area Sewer Authority 606 Cambria Avenue Portage, PA 15946	COUNTY: REGION: NPDES:	Cambria SW	I: \$0 II: \$0 III: \$0 IIIB: \$975,250	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$975,250		PROJECT NO.: CS422229-01 PROJ. TYPE: SSREH PROJECT RATING: 19 PROJECT RANKING: 214		
Exeter Township R.D.#1, Box 191 Pittston, PA 18643	COUNTY: REGION: NPDES:	Luzerne NE N/A	I: \$1,092,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$1,128,000 IVB: \$574,000 V: \$0 ELIG. COST: \$2,794,000		PROJECT NO.: CS421727-01 PROJ. TYPE: STP SS PS INT PROJECT RATING: 19 PROJECT RANKING: 215		
Brownsville Municipal Authority 200 Bank Street Brownsville, PA 15417	COUNTY: REGION: NPDES:	Fayette SW N/A	I: \$2,000,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$2,000,000		PROJECT NO.: CS422112-01 PROJ. TYPE: STPMOD PROJECT RATING: 19 PROJECT RANKING: 216		
Liverpool Municipal Authority P.O. Box 357 Liverpool, PA 17045	COUNTY: REGION: NPDES:	Perry SC N/A	I: \$780,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$780,000		PROJECT NO.: CS422169-01 PROJ. TYPE: STPMOD PROJECT RATING: 19 PROJECT RANKING: 217		

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Duncannon Borough Municipal Authority 428 N. High St. Duncannon, PA 17020	COUNTY: REGION: NPDES:	Perry SC	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$0 \$572,000 \$0 \$572,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422235-01 INT 19 218
Cambridge Township 22530 Electric Drive Cambridge Springs, PA 16403	COUNTY: REGION: NPDES:	Crawford NW	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$304,683 \$0 \$0 \$304,683	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422277-01 PS FM 19 219
Grove City Borough 123 W. Main St, P.O. Box 110 Grove City, PA 16127	COUNTY: REGION: NPDES:	Mercer/Butler NW	I: II: III A: III B:	\$0 \$6,216,100 \$2,895,900 \$0	IVA: IVB: V: ELIG. COST:	\$0 \$0 \$0 \$9,112,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422281-01 STPMOD SS 19 220
Westfall Township P.O. Box 247 Matamoras, PA 18336	COUNTY: REGION: NPDES:	Pike NE	I: II: III A: III B:	\$3,730,800 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$3,368,810 \$0 \$0 \$7,099,610	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422272-01 STPMOD SS 19 221
Hermitage Municipal Authority 800 N. Hermitage Road Hermitage, PA 16148	COUNTY: REGION: NPDES:	Mercer NW N/A	I: II: III A: III B:	\$1,500,000 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$0 \$3,950,000 \$0 \$5,450,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422130-01 STPMOD INT 19 222
South Hanover Township 111 W. Third Street Hershey, PA 17033	COUNTY: REGION: NPDES:	Dauphin SC N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$2,986,000 \$2,063,000 \$0 \$5,049,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421001-02 SS PS INT 19 223
Mount Pocono Municipal Authority 303 Pocono Boulevard Mount Pocono, PA 18344	COUNTY: REGION: NPDES:	Monroe NE	I: II: III A: III B:	\$2,171,000 \$480,000 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$0 \$0 \$0 \$2,651,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422268-01 STPMOD 19 224
Bethany Borough R.D.#3, Box 790 Honesdale, PA 18431	COUNTY: REGION: NPDES:	Wayne NE N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,200,000 \$1,000,000 \$0 \$2,200,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421741-01 SS PS INT 19 225
Lemon Township R.D.#1, Box 410 Tunkhannock, PA 18657	COUNTY: REGION: NPDES:	Wyoming NE N/A	I: II: III A: III B:	\$0 \$900,000 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,000,000 \$200,000 \$0 \$2,100,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421746-01 STP SS INT 19 226
Sadsbury Township Sewer Authority 1077 White Oak Road Christiana, PA 17509	COUNTY: REGION: NPDES:	Lancaster SC PA0083381	I: II: III A: III B:	\$0 \$469,000 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,190,400 \$0 \$0 \$1,659,400	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421717-01 STP SS 19 227
Nicholson Borough Nicholson Borough Building Nicholson, PA 18446	COUNTY: REGION: NPDES:	Wyoming NE N/A	I: II: III A: III B:	\$614,000 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$596,000 \$151,000 \$0 \$1,361,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421669-01 STP SS INT 19 228

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Smithfield Township Authority R.R. #2, Box 189 Columbia Cross Roads, PA 16914	COUNTY: REGION: NPDES:	Bradford NC	I: II: III A: III B:	\$505,000 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$816,450 \$0 \$0 \$1,321,450	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421927-01 STP SS 19 229
Dyberry Township Box 1265, R.D.#1 Honesdale, PA 18431	COUNTY: REGION: NPDES:	Wayne NE N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$195,000 \$631,000 \$0 \$826,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421743-01 SS INT 19 230
Upper Frederick Township 205 Big Road Obelisk, PA 19492	COUNTY: REGION: NPDES:	Montgomery SE N/A	I: II: III A: III B:	\$650,000 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$0 \$0 \$0 \$650,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422101-01 STPMOD 19 231
Dushore Sewer Authority P.O. Box 248 Dushore, PA 18614	COUNTY: REGION: NPDES:	Sullivan NC N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$272,265 \$0 \$0 \$272,265	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422195-01 SS 19 232
Hanover Township 3630 Jacksonville Road Bethlehem, PA 18017	COUNTY: REGION: NPDES:	Northampton NE N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$804,174 \$0 \$0 \$804,174	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421728-01 SS 18 233
Titusville City 107 N. Franklin Street Titusville, PA 16354	COUNTY: REGION: NPDES:	Crawford NW	I: II: III A: III B:	\$0 \$0 \$0 \$397,000	IVA: IVB: V: ELIG. COST:	\$0 \$0 \$3,483,000 \$3,880,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422278-01 PSMOD INT SS 18 234
Freeland Borough P.O. Box 117 Freeland, PA 18224	COUNTY: REGION: NPDES:	Luzerne NE PA0024716	I: II: III A: III B:	\$2,574,000 \$422,000 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$0 \$0 \$0 \$2,996,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421682-01 STPMOD 18 235
Sunnyside/Overlook Municipal Authority 30 S. Market Street Elysburg, PA 17824	COUNTY: REGION: NPDES:	Northumberland NC N/A	I: II: III A: III B:	\$274,847 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,655,477 \$200,276 \$0 \$2,130,600	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422161-01 STPMOD SS PS INT 17 236
Tunkhannock Township R.D.#2, Box 233A Tunkhannock, PA 18657	COUNTY: REGION: NPDES:	Wyoming NE N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$2,000,000 \$0 \$0 \$2,000,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421945-01 SS PS 17 237
Bedminster Township Authority Bedminster Road Bedminster, PA 18910	COUNTY: REGION: NPDES:	Bucks SE N/A	I: II: III A: III B:	\$0 \$400,000 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$0 \$0 \$0 \$400,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422100-01 STP 17 238
Lackawanna River Basin Sewer Authority P.O. Box 9068 Dickson City, PA 18519	COUNTY: REGION: NPDES:	Lackawanna NE N/A	I: II: III A: III B:	\$0 \$0 \$350,000 \$0	IVA: IVB: V: ELIG. COST:	\$290,000 \$4,485,000 \$0 \$5,125,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421790-01 I/I INT SS 17 239

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Lawrence Township P.O. Box 508 Clearfield, PA 16830	COUNTY: REGION: NPDES:	Clearfield NC PA0026310	I: II: III A: III B:	\$0 \$0 \$2,621,050 \$0	IV A: IV B: V: ELIG. COST:	\$509,000 \$0 \$0 \$3,130,050	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421984-01 INT SS 16 240
Butler Township R.D.#3, Box 796B Drums, PA 18222	COUNTY: REGION: NPDES:	Luzerne NE N/A	I: II: III A: III B:	\$5,681,250 \$0 \$0 \$0	IV A: IV B: V: ELIG. COST:	\$2,053,188 \$0 \$0 \$7,734,438	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421884-01 STPMOD SS 16 241
Fox Township P.O. Box 184 Kersey, PA 15846	COUNTY: REGION: NPDES:	Elk NW N/A	I: II: III A: III B:	\$0 \$2,810,660 \$0 \$0	IV A: IV B: V: ELIG. COST:	\$3,210,067 \$0 \$0 \$6,020,727	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422129-01 STPMOD SS 16 242
New Bethlehem Borough 210 Lafayette Street New Bethlehem, PA 16242	COUNTY: REGION: NPDES:	Clarion NW N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IV A: IV B: V: ELIG. COST:	\$0 \$0 \$4,100,000 \$4,100,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422168-01 SS 16 243
Coaldale-Lansford-Summit Hill Sewer 6 Coal Street Lansford, PA 18232	COUNTY: REGION: NPDES:	Schuylkill NE PA0026476	I: II: III A: III B:	\$1,000,000 \$0 \$0 \$1,000,000	IV A: IV B: V: ELIG. COST:	\$0 \$0 \$1,000,000 \$3,000,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421885-01 STPMOD SSREH 16 244
Washington Township Water & Sewer 11800 Edinboro Road Edinboro, PA 16412	COUNTY: REGION: NPDES:	Erie NW N/A	I: II: III A: III B:	\$830,000 \$0 \$0 \$864,000	IV A: IV B: V: ELIG. COST:	\$0 \$0 \$0 \$1,694,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422042-01 STPMOD SSREH 16 245
Franklin Township Sewer Authority 570 Rolling Meadows Road Waynesburg, PA 15370	COUNTY: REGION: NPDES:	Greene SW N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IV A: IV B: V: ELIG. COST:	\$550,000 \$200,000 \$0 \$750,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422120-01 SS PS 16 246
Shenango Township Municipal Authority P.O. Box 266 West Middlesex, PA 16159	COUNTY: REGION: NPDES:	Mercer NW N/A	I: II: III A: III B:	\$585,000 \$0 \$0 \$0	IV A: IV B: V: ELIG. COST:	\$0 \$0 \$0 \$585,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422283-01 STPMOD 16 247
Waymart Area Authority P.O. Box 280 Waymart, PA 18472	COUNTY: REGION: NPDES:	Wayne NE PA0046353	I: II: III A: III B:	\$6,609,436 \$200,000 \$0 \$0	IV A: IV B: V: ELIG. COST:	\$2,559,300 \$0 \$0 \$9,368,736	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421903-01 STPMOD SS 16 248
Palmyra Township HCR 1, Box 15-C Paupack, PA 18451	COUNTY: REGION: NPDES:	Pike NE N/A	I: II: III A: III B:	\$4,200,000 \$0 \$0 \$0	IV A: IV B: V: ELIG. COST:	\$3,270,450 \$0 \$0 \$7,470,450	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422269-01 STP PS SS 16 249
Harveys Lake Borough Sewer Authority P.O. Box 53 Harveys Lake, PA 18618	COUNTY: REGION: NPDES:	Luzerne NE N/A	I: II: III A: III B:	\$0 \$0 \$0 \$3,000,000	IV A: IV B: V: ELIG. COST:	\$0 \$0 \$0 \$3,000,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421730-01 SSREH 16 250

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION		
Allen Township RR1, Box 1596A Saylorsburg, PA 18353	COUNTY: REGION: NPDES:	Northampton NE	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$958,000 \$1,485,688 \$0 \$2,443,688	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422263-01 INT SS 16 251	
Kilbuck Township 343 Eicher Road Pittsburgh, PA 15237	COUNTY: REGION: NPDES:	Allegheny SW N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$1,930,000 \$0 \$0 \$1,930,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422116-01 SS 16 252	
Letterkenny Township 4924 Orrstown Road Orrstown, PA 17244	COUNTY: REGION: NPDES:	Franklin SC	I: II: III A: III B:	\$621,827 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$942,692 \$0 \$0 \$1,564,519	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422307-01 STP PS SS 16 253	
Letterkenny Township 4924 Orrstown Road Orrstown, PA 17244	COUNTY: REGION: NPDES:	Franklin SC	I: II: III A: III B:	\$500,000 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$900,000 \$0 \$0 \$1,400,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422306-01 STP PS SS 16 254	
Tuscarora Township R.R.#1, Box 56 Honey Grove, PA 17035	COUNTY: REGION: NPDES:	Juniata SC	I: II: III A: III B:	\$253,060 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$959,446 \$0 \$0 \$1,212,506	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422305-01 STP PS SS 16 255	
Alburtis Borough 260 Franklin Street Alburtis, PA 18011	COUNTY: REGION: NPDES:	Lehigh NE N/A	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$170,000 \$0 \$0 \$170,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421722-01 SS 16 256	
Mount Carmel Municipal Authority Avenue and Oak Street Mount Carmel, PA 17851	COUNTY: REGION: NPDES:	Northumberland NC	I: II: III A: III B:	\$9,109,400 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$0 \$0 \$0 \$9,109,400	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422291-01 STPMOD 15 257	
New Castle Sanitary Authority 110 E. Washington Street New Castle, PA 16101	COUNTY: REGION: NPDES:	Lawrence NW N/A	I: II: III A: III B:	\$0 \$0 \$0 \$5,000,000	IVA: IVB: V: ELIG. COST:	\$0 \$0 \$0 \$5,000,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS421823-01 SSREH INT 15 258	
Upper Saucon Township 5500 Camp Meeting Road Center Valley, PA 18039	COUNTY: REGION: NPDES:	Lehigh NE	I: II: III A: III B:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$0 \$12,228,300 \$0 \$12,228,300	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422270-01 PS INT SS 15 259	
Frackville Area Municipal Authority P.O. Box 471 Frackville, PA 17931	COUNTY: REGION: NPDES:	Schuylkill NE	I: II: III A: III B:	\$1,700,000 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$2,951,000 \$0 \$0 \$4,651,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422265-01 STPMOD SSREH 15 260	
Connoquenessing Township 102 Township Drive Renfrew, PA 16053	COUNTY: REGION: NPDES:	Butler NW	I: II: III A: III B:	\$905,742 \$0 \$0 \$0	IVA: IVB: V: ELIG. COST:	\$3,211,265 \$0 \$0 \$4,117,007	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422274-01 STP SS 14 261	



APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Young Township 101 Foundry Street Punxsutawney, PA 15767	COUNTY: REGION: NPDES:	Jefferson NW	I: \$0 II: \$0 III A: \$0 III B: \$0	IV A: \$1,000,000 IV B: \$0 V: \$0 ELIG. COST: \$1,000,000	PROJECT NO.: CS422279-01 PROJ. TYPE: PS INT SS PROJECT RATING: 14 PROJECT RANKING: 262			
Lynn Township Sewer Authority P.O. Box 208 New Tripoli, PA 18066	COUNTY: REGION: NPDES:	Lehigh NE	I: \$600,000 II: \$200,000 III A: \$0 III B: \$0	IV A: \$0 IV B: \$0 V: \$0 ELIG. COST: \$800,000	PROJECT NO.: CS422266-01 PROJ. TYPE: STPMOD PROJECT RATING: 13 PROJECT RANKING: 263			
Brokenstraw Valley Area Auth. Box 155 Rouse Avenue Youngsville, PA 16371	COUNTY: REGION: NPDES:	Warren NW N/A	I: \$2,836,996 II: \$0 III A: \$0 III B: \$0	IV A: \$6,808,789 IV B: \$1,702,197 V: \$0 ELIG. COST: \$11,347,982	PROJECT NO.: CS421820-01 PROJ. TYPE: STP SS PS INT PROJECT RATING: 13 PROJECT RANKING: 264			
Southern Delaware County Authority 101 Beech Street Boothwyn, PA 19061	COUNTY: REGION: NPDES:	Delaware SE N/A	I: \$0 II: \$0 III A: \$0 III B: \$0	IV A: \$0 IV B: \$4,888,000 V: \$0 ELIG. COST: \$4,888,000	PROJECT NO.: CS422068-01 PROJ. TYPE: PS FM PROJECT RATING: 13 PROJECT RANKING: 265			
Weatherly Borough 10 Wilbur Street Weatherly, PA 18255	COUNTY: REGION: NPDES:	Carbon NE	I: \$0 II: \$0 III A: \$0 III B: \$4,437,239	IV A: \$0 IV B: \$0 V: \$0 ELIG. COST: \$4,437,239	PROJECT NO.: CS422271-01 PROJ. TYPE: SSREH PROJECT RATING: 13 PROJECT RANKING: 266			
Neshannock Creek Watershed Authority 369 McClelland Road Mercer, PA 16137	COUNTY: REGION: NPDES:	Mercer NW	I: \$0 II: \$2,362,700 III A: \$0 III B: \$0	IV A: \$1,576,300 IV B: \$0 V: \$0 ELIG. COST: \$3,939,000	PROJECT NO.: CS422282-01 PROJ. TYPE: STP INT PROJECT RATING: 13 PROJECT RANKING: 267			
Parker City Sewer Authority P.O. Box 323 Parker, PA 16049	COUNTY: REGION: NPDES:	Armstrong SW PA0034851	I: \$0 II: \$3,153,000 III A: \$0 III B: \$0	IV A: \$0 IV B: \$0 V: \$0 ELIG. COST: \$3,153,000	PROJECT NO.: CS421475-01 PROJ. TYPE: STPMOD PROJECT RATING: 13 PROJECT RANKING: 268			
Union Chapman Regional Authority R.R.#1, Box 598 Port Trevorton, PA 17864	COUNTY: REGION: NPDES:	Snyder NC N/A	I: \$771,000 II: \$0 III A: \$0 III B: \$0	IV A: \$1,570,000 IV B: \$207,000 V: \$0 ELIG. COST: \$2,548,000	PROJECT NO.: CS421977-01 PROJ. TYPE: STP PS INT SS PROJECT RATING: 13 PROJECT RANKING: 269			
Weissport Municipal Authority 406 White Street Weissport, PA 18235	COUNTY: REGION: NPDES:	Carbon NE N/A	I: \$934,867 II: \$0 III A: \$0 III B: \$0	IV A: \$976,782 IV B: \$43,972 V: \$0 ELIG. COST: \$1,955,621	PROJECT NO.: CS421904-01 PROJ. TYPE: SSREH PROJECT RATING: 13 PROJECT RANKING: 270			
Saegertown Area Sewer Authority P.O. Box 334 Saegertown, PA 16433	COUNTY: REGION: NPDES:	Crawford NW N/A	I: \$1,400,000 II: \$0 III A: \$0 III B: \$0	IV A: \$0 IV B: \$0 V: \$0 ELIG. COST: \$1,400,000	PROJECT NO.: CS421994-01 PROJ. TYPE: STPMOD PROJECT RATING: 13 PROJECT RANKING: 271			
Dravosburg Borough P.O. Box 37 Dravosburg, PA 15034	COUNTY: REGION: NPDES:	Allegheny SW PA0028401	I: \$769,000 II: \$0 III A: \$0 III B: \$0	IV A: \$0 IV B: \$0 V: \$0 ELIG. COST: \$769,000	PROJECT NO.: CS421485-01 PROJ. TYPE: STPMOD PROJECT RATING: 13 PROJECT RANKING: 272			

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION		
Shickshinny Borough Sewer Authority P.O. Box 62 Shickshinny, PA 18655	COUNTY: REGION: NPDES:	Luzerne NE	I: \$170,200 II: \$0 III A: \$0 III B: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$170,200		PROJECT NO.: CS422233-01 PROJ. TYPE: STPMOD PS PROJECT RATING: 13 PROJECT RANKING: 273			
Summit Hill Borough 114 W. Ludlow Street Summit Hill, PA 18250	COUNTY: REGION: NPDES:	Carbon NE N/A	I: \$0 II: \$0 III A: \$500,000 III B: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$500,000		PROJECT NO.: CS421907-01 PROJ. TYPE: SSREH PROJECT RATING: 12 PROJECT RANKING: 274			
Milton Municipal Authority Two Filbert Street, P.O. Box 150 Milton, PA 17847	COUNTY: REGION: NPDES:	Northumberland NC PA0020273	I: \$4,635,325 II: \$0 III A: \$0 III B: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$4,635,325		PROJECT NO.: CS421809-01 PROJ. TYPE: STPMOD PROJECT RATING: 12 PROJECT RANKING: 275			
DuBois City P.O. Box 408 DuBois, PA 15801	COUNTY: REGION: NPDES:	Clearfield NC N/A	I: \$0 II: \$0 III A: \$0 III B: \$0	IVA: \$0 IVB: \$300,000 V: \$0 ELIG. COST: \$300,000		PROJECT NO.: CS422194-01 PROJ. TYPE: INT PROJECT RATING: 12 PROJECT RANKING: 276			
Washington Township 1390 Fayette Avenue Belle Vernon, PA 15012	COUNTY: REGION: NPDES:	Fayette SW PA0020702	I: \$3,154,000 II: \$0 III A: \$0 III B: \$0	IVA: \$7,605,000 IVB: \$675,000 V: \$0 ELIG. COST: \$11,434,000		PROJECT NO.: CS421502-01 PROJ. TYPE: STPMOD SS INT PROJECT RATING: 11 PROJECT RANKING: 277			
East Cocalico Township 100 Hill Road Denver, PA 17517	COUNTY: REGION: NPDES:	Lancaster SC N/A	I: \$0 II: \$0 III A: \$0 III B: \$0	IVA: \$0 IVB: \$3,416,230 V: \$0 ELIG. COST: \$3,416,230		PROJECT NO.: CS422074-01 PROJ. TYPE: INT PROJECT RATING: 10 PROJECT RANKING: 278			
Harmony Township 2501 Woodland Road Ambridge, PA 15003	COUNTY: REGION: NPDES:	Beaver SW N/A	I: \$0 II: \$0 III A: \$0 III B: \$0	IVA: \$1,800,000 IVB: \$0 V: \$0 ELIG. COST: \$1,800,000		PROJECT NO.: CS421861-01 PROJ. TYPE: SS PROJECT RATING: 10 PROJECT RANKING: 279			
Reading Township Municipal Authority 5500 Carlisle Pike New Oxford, PA 17350	COUNTY: REGION: NPDES:	Adams SC N/A	I: \$1,750,000 II: \$0 III A: \$0 III B: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$1,750,000		PROJECT NO.: CS422053-01 PROJ. TYPE: STPMOD PROJECT RATING: 10 PROJECT RANKING: 280			
Springfield Township Sewer Authority 9211 Susquehanna Trail S Seven Valleys, PA 17360	COUNTY: REGION: NPDES:	York SC N/A	I: \$0 II: \$0 III A: \$0 III B: \$0	IVA: \$795,000 IVB: \$0 V: \$0 ELIG. COST: \$795,000		PROJECT NO.: CS422191-01 PROJ. TYPE: SS PROJECT RATING: 10 PROJECT RANKING: 281			
Athens Township Authority 379 Pennsylvania Avenue Sayre, PA 18840	COUNTY: REGION: NPDES:	Bradford NC N/A	I: \$141,415 II: \$28,965 III A: \$0 III B: \$0	IVA: \$313,460 IVB: \$0 V: \$0 ELIG. COST: \$483,840		PROJECT NO.: CS422148-01 PROJ. TYPE: STP SS PROJECT RATING: 10 PROJECT RANKING: 282			
Upper Stonycreek Joint Municipal Authority P.O. Box 24 Hooversville, PA 15936	COUNTY: REGION: NPDES:	Somerset SW PA0042561	I: \$2,500,000 II: \$0 III A: \$0 III B: \$0	IVA: \$2,473,000 IVB: \$1,000,000 V: \$0 ELIG. COST: \$5,973,000		PROJECT NO.: CS421863-01 PROJ. TYPE: STPMOD PS SS PROJECT RATING: 10 PROJECT RANKING: 283			

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION		
Beech Creek Borough P.O. Box 216 Beech Creek, PA 16822	COUNTY: REGION: NPDES:	Clinton NC PA0024538	I: \$1,004,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$665,100 IVB: \$210,000 V: \$0 ELIG. COST: \$1,879,100		PROJECT NO.: CS421937-01 PROJ. TYPE: STPMOD SS INT PROJECT RATING: 10 PROJECT RANKING: 284			
Coaldale Borough P.O. Box 116 Coaldale, PA 18218	COUNTY: REGION: NPDES:	Schuylkill NE N/A	I: \$0 II: \$0 III: \$1,000,000 IIIB: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$1,000,000		PROJECT NO.: CS422082-01 PROJ. TYPE: SSREH PROJECT RATING: 10 PROJECT RANKING: 285			
Mansfield Borough Municipal Authority 19 E. Wellsboro Street Mansfield, PA 16933	COUNTY: REGION: NPDES:	Tioga NC PA0021814	I: \$5,265,488 II: \$0 III: \$573,205 IIIB: \$0	IVA: \$5,925,475 IVB: \$410,575 V: \$0 ELIG. COST: \$12,174,743		PROJECT NO.: CS421808-01 PROJ. TYPE: STPMOD,INT,SS PROJECT RATING: 9 PROJECT RANKING: 286			
Lansford Borough P.O. Box 126 Lansford, PA 18232	COUNTY: REGION: NPDES:	Carbon NE N/A	I: \$0 II: \$0 III: \$0 IIIB: \$4,300,000	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$4,300,000		PROJECT NO.: CS421893-01 PROJ. TYPE: SS SSREH PROJECT RATING: 8 PROJECT RANKING: 287			
Minersville Sewer Authority Two E. Sunbury Street Minersville, PA 17954	COUNTY: REGION: NPDES:	Schuylkill NE N/A	I: \$990,000 II: \$0 III: \$0 IIIB: \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. COST: \$990,000		PROJECT NO.: CS422016-01 PROJ. TYPE: STPMOD PROJECT RATING: 8 PROJECT RANKING: 288			
Ashland Borough 501 Chestnut Street Ashland, PA 17921	COUNTY: REGION: NPDES:	Schuylkill NE N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$675,000 IVB: \$0 V: \$0 ELIG. COST: \$675,000		PROJECT NO.: CS422264-01 PROJ. TYPE: PS SS PROJECT RATING: 7 PROJECT RANKING: 289			
East Donegal Township 190 Rock Point Road Marietta, PA 17547	COUNTY: REGION: NPDES:	Lancaster SC N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$573,500 IVB: \$0 V: \$0 ELIG. COST: \$573,500		PROJECT NO.: CS421775-01 PROJ. TYPE: SS PS PROJECT RATING: 7 PROJECT RANKING: 290			
Athens Township Authority 379 Pennsylvania Avenue Sayre, PA 18840	COUNTY: REGION: NPDES:	Bradford NC N/A	I: \$0 II: \$0 III: \$0 IIIB: \$0	IVA: \$1,517,549 IVB: \$0 V: \$0 ELIG. COST: \$1,517,549		PROJECT NO.: CS422286-01 PROJ. TYPE: SS PROJECT RATING: 4 PROJECT RANKING: 291			
Centerville Area Municipal Authority 1033 Centerville Road Bedford, PA 15522	COUNTY: REGION: NPDES:	Bedford SC N/A	I: \$274,616 II: \$0 III: \$0 IIIB: \$0	IVA: \$348,415 IVB: \$86,571 V: \$0 ELIG. COST: \$709,602		PROJECT NO.: CS422225-01 PROJ. TYPE: STP SS PROJECT RATING: 0 PROJECT RANKING: 292			

[Pa.B. Doc. No. 02-26. Filed for public inspection January 4, 2002, 9:00 a.m.]

# PENNSYLVANIA PUBLIC UTILITY COMMISSION

## Evidentiary Criteria; Local Hearing Notice

**I-00010089.** Evidentiary criteria used to decide motor common carrier applications. Generic investigation re eliminating the evidentiary criteria contained in 52 Pa. Code § 41.14(a) and (c) (relating to evidentiary criteria used to decide motor carrier applications—statement of policy).

Local hearings on the previously-captioned case will be held as follows:

Monday, February 4, 2002, at 10 a.m., and if needed, Tuesday—Wednesday, February 5—6, 2002, at 10 a.m. in the 11th Floor Hearing Room, Pittsburgh, State Office Building, 300 Liberty Avenue, Pittsburgh, PA.

Thursday, February 7, 2002, at 10 a.m. at the Hollidaysburg Veterans Home, Administration Building, Conference Room, Area 14, Route 220 Meadows Intersection, P. O. Box 319, Hollidaysburg, PA 16648. Point of contact is Alice Hershberger, (814) 696-5357.

*Presiding:* Administrative Law Judge Larry Gesoff, 1103 Pittsburgh State Office Building, 300 Liberty Avenue, Pittsburgh, PA 15222, (412) 565-3550, fax: (412) 565-5692.

Monday, February 11, 2002, at 10 a.m., and if needed, Tuesday, February 12, 2002, at 10 a.m. in Hearing Room 1, Second Floor, Commonwealth Keystone Building, 400 North Street, Harrisburg, PA.

*Presiding:* Administrative Law Judge Louis G. Cocheres, P. O. Box 3265, Harrisburg, PA 17105-3265, (717) 783-5452, fax: (717) 787-0481.

Wednesday, February 20, 2002, at 10 a.m. in Room 318, Scranton State Office Building, 100 Lackawanna Avenue, Scranton, PA.

*Presiding:* Administrative Law Judge Richard M. Lovenwirth, Room 317 Scranton State Office Building, 100 Lackawanna Avenue, Scranton, PA 18503, (570) 963-4818, fax: (570) 963-3310.

Monday, February 25, 2002, at 10 a.m., and if needed, Tuesday, February 26, 2002, at 10 a.m. in an available hearing room, Philadelphia State Office Building, Broad and Spring Garden Streets, Philadelphia, PA.

*Presiding:* Administrative Law Judge Allison K. Turner, 1302 Philadelphia State Office Building, 1400 West Spring Garden Street, Philadelphia, PA 19130, (215) 560-2105, fax: (215) 560-3133.

Thursday, February 28, 2002, at 10 a.m., and if needed, Friday, March 1, 2002, at 10 a.m. in Hearing Room 1, Second Floor, Commonwealth Keystone Building, 400 North Street, Harrisburg, PA.

*Presiding:* Administrative Law Judge Louis G. Cocheres, P. O. Box 3265, Harrisburg, PA 17105-3265, (717) 783-5452, fax: (717) 787-0481.

Persons with a disability who wish to attend a hearing and require special arrangements should contact the scheduling office at the Public Utility Commission, (717)

787-1399 or the AT&T Relay Service at (800) 654-5988 (voice users).

JAMES J. MCNULTY,  
*Secretary*

[Pa.B. Doc. No. 02-27. Filed for public inspection January 4, 2002, 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 January 28, 2002, as set forth at 52 Pa. Code § 3.381 (relating to applications for the 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 common carriers for transportation of persons as described under each application.*

**A-00118512. Restaurant Valet, LLC** (459 Carpenters Cove Lane, Downingtown, Chester County, PA 19335)—persons in paratransit service, between points in the township of Uwchlan, Chester County, and within an airline distance of 20 statute miles of the limits thereof. *Attorney:* Steven G. Bazil, 102 Pickering Way, Suite 402, Exton, PA 19341.

JAMES J. MCNULTY,  
*Secretary*

[Pa.B. Doc. No. 02-28. Filed for public inspection January 4, 2002, 9:00 a.m.]

# PHILADELPHIA REGIONAL PORT AUTHORITY

## Condensed Balance Sheet and Condensed Statement of Operations and Accumulated Deficit

### Condensed Balance Sheet

June 30, 2001

Audited  
in Thousands\*

<i>Assets</i>	
Current Assets	* 7,568
Restricted Assets	6,154
Fixed Assets (Net)	71,455
Other Assets	1,156
	86,333
 <i>Liabilities and Fund Equity</i>	
Current Liabilities	5,583
Long Term Liabilities	52,579
Total Liabilities	58,162

*Assets*

Contributed Capital	40,397
Accumulated Deficit	12,226
Total Fund Equity	<u>28,171</u>
Total Liabilities and Funds	<u><u>86,333</u></u>

**Condensed Statement of Operations and  
Accumulated Deficit**

**Year Ended June 30, 2001  
Audited in Thousands\***

Oper. Revenue and Grants	* 13,830
Operating Expenses	-7,857
Depreciation and Amortization	-7,143
Net Interest Income/Expense	<u>-2,602</u>
	-3,772
Add: Depreciation that Reduces Contributed Capital	<u>3,747</u>
Increase in Deficit	-25
Accumulated Deficit:	
Accum. Deficit (Beg. of Year)	<u>-12,200</u>
Accum. Deficit (End of Year)	<u><u>-12,225</u></u>

JAMES T. MCDERMOTT,  
*Executive Director*

[Pa.B. Doc. No. 02-29. Filed for public inspection January 4, 2002, 9:00 a.m.]

## STATE BOARD OF EDUCATION

### Schedule of Meetings

The regular meetings of the State Board of Education, Councils of Basic and Higher Education and the State Board for Vocational Education will be held on the following dates:

January 16—17, 2002  
 March 13—14, 2002  
 May 15—16, 2002  
 July 17—18, 2002  
 September 18—19, 2002  
 November 13—14, 2002

Unless due and timely notice to the contrary is given these meetings will be held in the Conference Rooms on the Lobby Level and First Floor of the Education Building, 333 Market Street, Harrisburg.

The contact person regarding the meetings is Nanette M. Kimmel, Administrative Officer, State Board of Education, 333 Market Street, Harrisburg, PA 17126-0333, (717) 787-3787, TDD (717) 783-8445. Persons with disabilities needing special accommodations to attend the meetings should contact Nanette Kimmel at least 24 hours in advance so that arrangements can be made.

PETER H. GARLAND,  
*Executive Director*

[Pa.B. Doc. No. 02-30. Filed for public inspection January 4, 2002, 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.

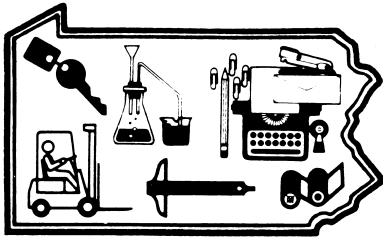
(For commodities) Vendor Services Section (717) 787-2199 or (717) 787-4705

## 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

**8251300 Rebid** Description: Concrete Saw & Concrete Saw w/trailer. For a copy of bid package fax request to (717) 787-0725.

**Department:** Transportation  
**Location:** Harrisburg, PA  
**Duration:** FY 2001-02  
**Contact:** Vendor Services (717) 787-2199

**8251320 Rebid** Description: Sweeper, Self Propelled, Single Broom. For a copy of bid package fax request to (717) 787-0725.

**Department:** Transportation  
**Location:** Harrisburg, PA  
**Duration:** FY 2001-02  
**Contact:** Vendor Services (717) 787-2199

**2001-TYS-2** Description: Vendor to supply slotted, side staggered aluminum screen for use at Tylersville Fish Culture Station.

**Department:** Fish and Boat Commission  
**Location:** PA Fish & Boat Commission, Tylersville Fish Culture Station, 43 Hatchery Lane, Loganton, PA 17747  
**Duration:** ASAP  
**Contact:** Kathi Tibbott (814) 359-5131

**9905-18** Description: Vehicle Decals. For a copy of bid package fax request to (717) 787-0725.

**Department:** General Services  
**Location:** Various, PA  
**Duration:** Date of Notification—5/31/03  
**Contact:** Vendor Services (717) 787-2199

**REBID E7890** Description: 12 Ton capacity tandem axle, tilt bed trailer. To be an Etnyre CHP12TPS or approved equal.

**Department:** Conservation and Natural Resources  
**Location:** Coudersport, Pennsylvania  
**Duration:** One time purchase  
**Contact:** Deborah Kauffman (717) 783-1896

**8251290 Rebid** Description: Drum Rollers. For a copy of this bid package fax request to (717) 787-0725

**Department:** Transportation  
**Location:** Harrisburg, PA  
**Duration:** FY 2001-02  
**Contact:** Vendor Services (717) 787-2199

**3830-09** Description: Stainless Steel Spreaders. If you have problems downloading a bid, please call our Fax Back System at (717) 705-6001.

**Department:** General Services  
**Location:** All Using Agencies of the Commonwealth  
**Duration:** 4/01/02—3/31/03  
**Contact:** Vendor Services (717) 787-2199

**9905-11 Supplement #1** Description: Traffic Control Devices, Work Zone. For a copy of bid package fax request to (717) 787-0725.

**Department:** General Services  
**Location:** All Using Agencies of the Commonwealth  
**Duration:** Date of Award—11/30/02  
**Contact:** Vendor Services (717) 787-2199

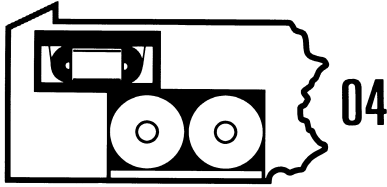
**2001-TYS-1** Description: Vendor to supply Aluminum Channel, Alloy 6063 T-52; Aluminum Angle, Alloy 6061 T6; Aluminum Round Tubing; Alloy 6061 T6 for use at Tylersville Fish Culture Station.

**Department:** Fish and Boat Commission  
**Location:** PA Fish & Boat Commission, Tylersville Fish Culture Station, 43 Hatchery Lane, Loganton, PA 17747  
**Duration:** ASAP  
**Contact:** Kathi Tibbott (814) 359-5131

**7910-02 RIP #2** Description: Floor Polishers, Vacuum Cleaners, and Related Equipment. For a copy of bid package fax request to (717) 787-0725.

**Department:** General Services  
**Location:** All Using Agencies of the Commonwealth  
**Duration:** 1/01/00—10/31/01 Renewed through 10/31/02  
**Contact:** Vendor Services (717) 787-2199

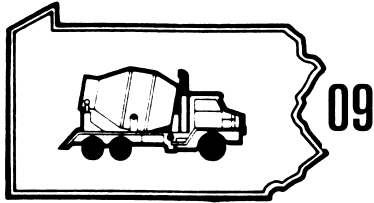
# SERVICES



## Audio/Video

**20776004** Description: This service provides for cable television service and maintenance of lines to the hospital. A copy of the bid proposal can be obtained by contacting the Purchasing Department of the Allentown State Hospital.

**Department:** Public Welfare  
**Location:** Allentown State Hospital, 1600 Hanover Avenue, Allentown, PA 18109-2498  
**Duration:** 7/01/02—6/30/06  
**Contact:** Robert Mitchell (610) 740-3425



## Construction & Construction Maintenance

**SU-2001/34** Description: SU-2001/34 Franklin Science Center Window Replacement. Shippensburg University of the State System of Higher Education invites General Contractors to request bid documents for this project. Work includes replacing windows/curtain walls in the FSC. Bidders may obtain project plans for a non-refundable fee of \$25.00 by contacting Deborah K. Martin, Shippensburg University, 1871 Old Main Drive, Shippensburg, PA 17257. Telephone (717) 477-1121 or FAX: (717) 477-4004. Pre-Bid meeting with site visit immediately to follow will be held on January 15, 2002 at 10 a.m. in Reed Operations Center Conference Room. Bids Due: January 30, 2002 at 4 p.m., Old Main Room 300. Public Bid opening: January 31, 2002 at 2 p.m., Old Main Room 203A. Contracts, MBE/WBE apply. Non-Discrimination and Equal Opportunity are the policies of the Commonwealth and of the Pa State System of Higher Education.

**Department:** State System of Higher Education  
**Location:** Shippensburg University, Shippensburg, PA 17257  
**Duration:** 120 days after Notice to Proceed  
**Contact:** Deborah K. Martin (717) 477-1121

**DGS A 251-471 PHASE 2** Description: PROJECT TITLE: New Carpenter's Shop. BRIEF DESCRIPTION: Provide and construct all materials for a new 30' X 36' Carpenters Shop. ESTIMATED RANGE: UNDER \$100,000.00. General and 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 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. Bid WEDNESDAY, January 16, 2002 at 2 p.m.

**Department:** General Services  
**Location:** PENNDOT Maintenance District, Harrisburg, Dauphin County, PA  
**Duration:** 90 CALENDAR DAYS FROM DATE OF INITIAL JOB CONFERENCE  
**Contact:** Contract and Bidding Unit (717) 787-6556

**SU-922** SU-922 Cumberland Union Building (CUB) Renovations. Shippensburg University of the State System of Higher Education invites General, HVAC, Plumbing, Electrical and Fire Protection Contractors to request bid documents for this project. Work includes replacing roof, concrete panels, windows and interior renovations. Finishes updated, a sprinkler system added, fire alarm upgraded, replace lighting, HVAC controls, cooling tower and generator. Prospective Bidders may obtain project plans for a non-refundable fee of \$100.00 by contacting Murphy & Dittenhafer, Inc., 226 West Market Street, York, PA 17401. Telephone (717) 848-8627 or FAX: (717) 843-2449. Pre-Bid meeting with site visit immediately to follow will be held on January 9, 2002 at 10 a.m. in the ABC Lounge of CUB. Bids Due: January 30, 2002 at 4 p.m., Old Main Room 300. Public Bid opening: January 31, 2002 at 2 p.m., Old Main Room 203A. Contracts, MBE/WBE apply. Non-Discrimination and Equal Opportunity are the policies of the Commonwealth and of the PA State System of Higher Education.

**Department:** State System of Higher Education  
**Location:** Shippensburg University, Shippensburg, PA 17257  
**Duration:** Completion date August 15, 2002  
**Contact:** Deborah K. Martin (717) 477-1121

**DGS A 571-30** Description: PROJECT TITLE: Replace Boiler House Deaerator, Boiler Breeching and Water Softeners. BRIEF DESCRIPTION: Remove existing deaerator, asbestos, piping, controls and pumps. Remove existing breeching and insulation. Furnish and install new deaerator, pumps, breeching and water softeners including piping and controls. ESTIMATED RANGE: \$100,000.00 to \$500,000.00. Mechanical and Asbestos Abatement 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. Bid WEDNESDAY, January 23, 2002 at 2 p.m.

**Department:** General Services  
**Location:** STATE CORRECTIONAL INSTITUTION, ROCKVIEW, CENTRE COUNTY, PA  
**Duration:** 185 CALENDAR DAYS FROM DATE OF INITIAL JOB CONFERENCE  
**Contact:** CONTRACT AND BIDDING UNIT (717) 787-6556

**DGS A 251-638** Description: PROJECT TITLE: Bulk Salt Storage Facility with High Gambrel Roof. BRIEF DESCRIPTION: Construct a new 60' X 80' High Arch Salt Building. 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 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. Bid WEDNESDAY, January 16, 2002 at 1 p.m.

**Department:** General Services  
**Location:** PENNDOT Maintenance Building, Great Bend, Susquehanna County, PA  
**Duration:** 90 CALENDAR DAYS FROM DATE OF INITIAL JOB CONFERENCE  
**Contact:** Contract and Bidding Unit (717) 787-6556

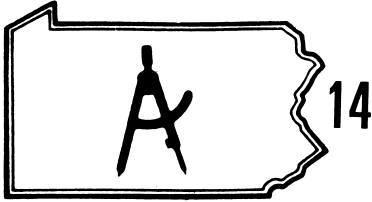
**SP3881110** Services to provide and install overhead garage door at a location in Ligonier Township, Westmoreland County.

**Department:** Conservation and Natural Resources  
**Location:** Forbes Forest District #4, P.O. Box 519, Laughlintown, PA 15655  
**Duration:** Upon completion of the contract and terminate June 30, 2002. Work must be completed by April 30, 2002.  
**Contact:** Floyd A. Wilford (724) 238-1200

**DGS A 251-461 PHASE 2** Description: PROJECT TITLE: Bulk Salt Storage Facility with High Gambrel Roof. BRIEF DESCRIPTION: Construct a new 70' X 88' High Arch Salt Building. 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 request to: Department of General Services, Room 107 Headquarters Building, 18th and Herr Streets, Harrisburg, PA 17125. Bid WEDNESDAY, January 16, 2002 at 11 a.m.

**Department:** General Services  
**Location:** PENNDOT Maintenance Building, Mercer, Mercer County, PA  
**Duration:** 90 CALENDAR DAYS FROM DATE OF INITIAL JOB CONFERENCE  
**Contact:** Contract and Bidding Unit (717) 787-6556

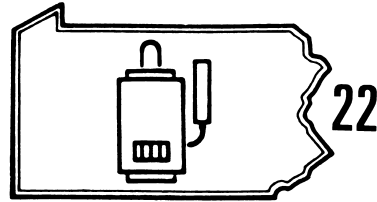




### Engineering Services

**PennDOT-ECMS** The Pennsylvania Department of Transportation has established a website advertising for the retention of engineering firms. You can view these business opportunities by going to the Department of Transportation's Engineering and Construction Management System at [www.dot2.state.pa.us](http://www.dot2.state.pa.us).

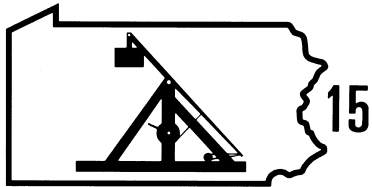
**Department:** Transportation  
**Location:** Various  
**Contact:** [www.dot2.state.pa.us](http://www.dot2.state.pa.us)



### HVAC Services

**0835** Furnish and install one Sidewall Exhaust Fan, Greenheck SBCE-3H42-50 or equivalent, at the Railroad Museum of Pennsylvania, Strasburg, PA. To request a bid packet and schedule a mandatory site inspection visit, contact Allan Martin at 717-687-8628 extension 3019.

**Department:** Historical and Museum Commission  
**Location:** Railroad Museum of Pennsylvania, P. O. Box 15, 300 Gap Road, Strasburg, PA 17579  
**Duration:** Work to be completed prior to June 30, 2002  
**Contact:** Allan Martin (717) 687-8628



### Environmental Maintenance Service

**SP 3810060** Services required for drilling and overburden sampling and field permeability tests for in-house foundation design for bridges. Services also required for monitor well installation to sample groundwater at underground storage tank sites, on an as needed basis, in various locations throughout the state.

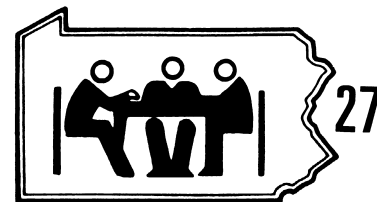
**Department:** Conservation and Natural Resources  
**Location:** Various locations throughout Pennsylvania  
**Duration:** Upon execution through 12/31/02, with options to renew  
**Contact:** Corinna Walters (717) 783-0733

**OSM 54(4208)101.1** Abandoned Mine Reclamation, Robinson, involves approximately 216 l.f. drilling boreholes, furnishing and installing 24" O.D. steel casing pipe, 155 c.y. drainage excavation, 180 l.f. 24" corrugated polyethylene pipe and seeding 120 s.y. Federal funds are available for this project from the \$27 million 2000 AML Grant. This project issues December 21, 2001; payment in the amount of \$10.00 must be received before bid documents will be sent.

**Department:** Environmental Protection  
**Location:** Frailey Township, Schuylkill County  
**Duration:** 100 calendar days after notice to proceed  
**Contact:** Construction Contracts Section (717) 783-7994

**10776011** THE PURPOSE OF THIS BID IS TO REPLACE THE FLOOR IN THE WALK-IN FREEZER. CONTRACTOR MUST SUPPLY ALL MATERIALS, TOOLS AND EQUIPMENT TO COMPLETE THE JOB. COPIES OF THIS BID CAN BE OBTAINED BY CONTACTING THE PURCHASING DEPARTMENT AT (610) 740-3425.

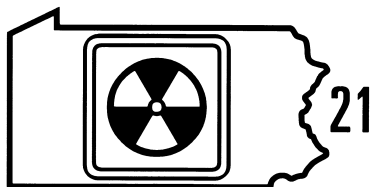
**Department:** Public Welfare  
**Location:** ALLENTOWN STATE HOSPITAL, 1600 HANOVER AVENUE, ALLENTOWN, PA 18109-2498  
**Duration:** 6/30/02  
**Contact:** ROBERT MITCHELL (610) 740-3425



### Lodging/Meeting Facilities

**01-6102-400** Services required of hotel are: one banquet/ballroom with tiered seating for approximately 380 individuals for a group meal, including head table to be placed upon a fixed stage with a riser; 1 meeting room to accommodate approximately 380 individuals; 6 meeting rooms, available simultaneously, to accommodate 90 individuals per room; lodging (approximately 350 single occupancy rooms to be located within the main conference facility) for the Office of Inspector General Summer Conference held August 6 through August 8, 2002; meeting equipment and food items for breakfast, lunch and dinner for approximately 380 individuals who will be attending training sessions on the premises; free parking as part of overnight accommodations located directly adjacent to all hotel and conference meeting rooms; recreational activities including, but not limited to, outdoor recreational facilities; facility for an outdoor BBQ; handicapped-accessible meeting rooms and a sufficient number of handicapped-accessible sleeping rooms.

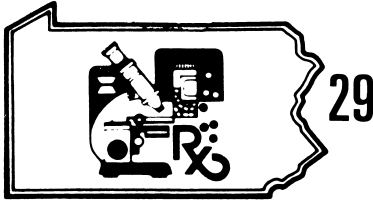
**Department:** Inspector General  
**Location:** Within a 10 mile radius of Lancaster City Proper  
**Duration:** August 6, thru and including August 8, 2002  
**Contact:** Harry Turnauer (717) 783-7691



### Hazardous Material Services

**062014** The Department of Transportation Maintenance District 6-2, Chester County is accepting bids for the identification, removal and disposal of waste water that accumulates in two (2) 2,000 gallon capacity waste water storage tanks. These tanks are located at the PennDot Maint. yard located in West Chester, PA. Interested vendors may obtain bidding packages by faxing in your name, address and phone number to: Lillian Frank, Purchasing Agent (610) 430-4361 or e-mail your name, address and phone to Lillian Frank LFrank@state.Pa.Us. The bids will be opened in the Chester County Maintenance office on Friday, January 11th at 2pm.

**Department:** Transportation  
**Location:** PA Dept. of Transportation, Maint. 6-2, 401 Montgomery Avenue, West Chester, Pa 19380  
**Duration:** Two (2) years with one (1) year renewal.  
**Contact:** Lillian Frank (610) 436-1914



### Medical Services

**20776012** TO PROVIDE THE SERVICES OF A PROFESSIONAL ORAL SURGEON QUALIFIED IN ORAL AND MAXILLO-FACIAL SURGERY. COPIES OF BID PROPOSAL CAN BE OBTAINED BY CONTACTING THE PURCHASING DEPARTMENT OF THE ALLENTOWN STATE HOSPITAL. FAX NUMBER (610) 740-3424.

**Department:** Public Welfare  
**Location:** ALLENTOWN STATE HOSPITAL, 1600 HANOVER AVENUE, ALLENTOWN, PA 18109-2498  
**Duration:** 7/01/02—6/30/06  
**Contact:** ROBERT MITCHELL (610) 740-3425

**20776002** To provide for the services of a visiting professor lecture series provides category 1 continued medical education credits for the professional staff at the Allentown State Hospital and keep staff up-to-date with advanced treatment and research. Copies of the bid proposal can be obtained by contacting the Purchasing Department at (610) 740-3425 OR FAX (610) 740-3424.

**Department:** Public Welfare  
**Location:** Allentown State Hospital, 1600 Hanover Avenue, Allentown, PA 18109-2498  
**Duration:** July 1, 2002 to 6/30/05  
**Contact:** Robert Mitchell (610) 740-3425

**20776008** TO PROVIDE THE SERVICES OF A DERMATOLOGIST FOR CONSULTATIONS, EVALUATIONS TO BE PERFORMED AT THE CONTRACTORS PLACE OF BUSINESS. COPIES OF THIS BID CAN BE OBTAINED BY CONTACTING THE PURCHASING DEPARTMENT. FAX NUMBER (610) 740-3424.

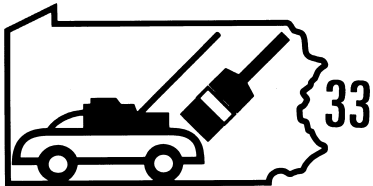
**Department:** Public Welfare  
**Duration:** 7/01/02—6/30/06  
**Contact:** ROBERT MITCHELL (610) 740-3425

**20776011** TO PROVIDE FOR THE SERVICES OF AN OPTOMETRIST WHO WILL PROVIDE EYE EXAMS, FITTING OF EYE-GLASSES, REPAIRS, ENGRAVING AND CASES FOR EYEGLASSES FOR THE PATIENTS OF THIS HOSPITAL. BIDS CAN BE OBTAINED BY CONTACTING THE PURCHASING DEPARTMENT. FAX (610) 740-3424.

**Department:** Public Welfare  
**Location:** ALLENTOWN STATE HOSPITAL, 1600 HANOVER AVENUE, ALLENTOWN, PA 18109-2498  
**Duration:** 7/01/02—6/30/06  
**Contact:** ROBERT MITCHELL (610) 740-3425

**SP1345021001** MULTI-AGENCY CONTRACT—for STAT Nursing Services to supply supplemental staffing to include, as needed, renewable, STAT (1/2 hour response time), Pool, and Long-Assignment (Registered Nurses, Licensed Practical Nurses, and Certified Nursing Assistants to the Southeastern Veterans' Center. Services will include direct nursing care to Residents of facility. Bidders will be required to supply rate schedules for each shift and holidays. To obtain bid packages, either FAX your request to Theresa Barthel, P.A. at (610) 948-2461 or E-mail to TBARTHEL@STATE.PA.US

**Department:** Military Affairs  
**Location:** Southeastern Veterans Center, 1 Veterans Drive, Spring City, PA 19475  
**Duration:** July 1, 2002 to June 30, 2005  
**Contact:** Joan Gutchen, PA (610) 948-2492



### Property Maintenance

**304-07541** Contractor shall provide the necessary labor & materials to do the following exterior masonry repairs to the wall on Forster St. side from Commonwealth Ave. to 7th Street, to the center entrance on Forster St., to the center entrance on Forster St. stairs treads, to the east end stairs treads and horizontal paving stones. NOTES: install handrail in Por-Rok material and seal with caulking.

**Department:** General Services  
**Location:** Health & Welfare Building, Forster Street, North Side, Harrisburg, PA 17125  
**Duration:** February 11, 2002 thru June 30, 2002  
**Contact:** William Myers (717) 787-5412

**1705** Provide all tools and materials to complete the embankment/bern repair and build up base/ground level on ranges located at Ft Indiantown Gap, Annville PA. To request a copy of the bid package please fax your request to (717) 861-2932 or via e-mail to blower@state.pa.us.

**Department:** Military Affairs  
**Location:** Ranges 13, 14 and 14A, Ft. Indiantown Gap, Annville, PA 17003-5002  
**Duration:** DOA—30 June 2002  
**Contact:** Brenda Lower (717) 861-2118

**120R-042** Roadside mowing of all Department highways in Fayette County according to contract specifications.

**Department:** Transportation  
**Location:** Fayette County  
**Duration:** 1 year with two 2 year renewals.  
**Contact:** Michael D. Maurer (724) 439-7374

**120R-043** Roadside mowing of all Department highways north of and including State Route 0030 according to contract specifications.

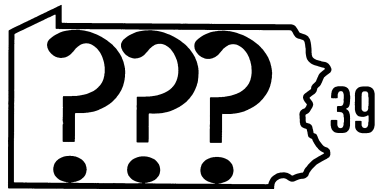
**Department:** Transportation  
**Location:** Westmoreland County  
**Duration:** One year with two 2 year renewals.  
**Contact:** Michael D. Maurer (724) 439-7374

**120R-044** Provide all labor/material for seeding and revitalization work as needed throughout Fayette, Greene, Washington, and Westmoreland Counties according to contract specifications.

**Department:** Transportation  
**Location:** Fayette, Greene, Washington, Westmoreland Counties  
**Duration:** One year with two 2 year renewals  
**Contact:** Michael D. Maurer (724) 439-7374

**10882122** Contractor to remove existing E.P.D.M. adhered to roof and insulation; furnish and install min. 1 1/2" thick foam to roof deck; apply foam at edges, penetrations and all flashings; seal all new foam with an elastomeric coating and broadcast granular over the elastomeric coating to Building No. 41. Site visit required prior to bid submission.

**Department:** Public Welfare  
**Location:** South Mountain Restoration Center, 10058 South Mountain Road, South Mountain, PA 17261  
**Duration:** 160 Calendar days from the effective date of contract  
**Contact:** Janice Blocker (717) 749-4030



### Miscellaneous

**SBC-10974017** Contractor to provide Window Cleaning Service. Washing outside of windows only.

**Department:** Public Welfare  
**Location:** Warren State Hospital, 33 Main Dr. N., Warren, PA 16365-5099  
**Duration:** 5/01/02—11/30/02  
**Contact:** John Sample (814) 726-4448

**SBC-10974014** Contractor to provide labor, equipment, supplies & supervision for the cleaning of exhaust & supply ducts & hoods over fryers & ovens, etc. in Main Kitchen areas at Warren State Hospital

**Department:** Public Welfare  
**Location:** Warren State Hospital, 33 Main Dr. N., Warren, PA 16365-5099  
**Duration:** 7/01/02—6/30/05  
**Contact:** John Sample (814) 726-4448

**1801815506** Request for Qualification (RFQ) for payment of Tax Liabilities through Credit Cards. This request for Qualifications (RFQ) provides prospective service providers with sufficient information to enable them to prepare and submit responses, through the Department of Revenue, Office of E-Commerce, to satisfy a need for the electronic authorization, data capture and processing of credit cards for the payment of taxes.

**Department:** Revenue  
**Location:** PA Department of Revenue, Office of E-Commerce, Department 280908, Harrisburg, PA 17128-0908  
**Duration:** Vendor responses are due no later than 2 p.m., January 31, 2002. The letter of agreement will be effective for up to two years.  
**Contact:** Patricia J. Krall (717) 705-8999

**SU-01-07** Shippensburg University is seeking vendors interested in submitting Bid/Proposals for the development of a marketing program for the recruitment of Graduate students for the University. The University is interested in promoting its graduate programs and seeks assistance from the awarded vendor in developing a marketing program and graduate admissions publication. Please fax your request for the bid package to Pam King, Administrative Services Office at (717) 477-4004. Requests for the bid package will be accepted until January 8, 2002. All responsible bidders are invited to participate including MBE/WBE firms.

**Department:** State System of Higher Education  
**Location:** State System of Higher Education, Shippensburg University, 1871 Old Main Drive, Shippensburg, PA 17257-2299  
**Duration:** March 2002 through August 2002 with options for renewals up to 3 additional year  
**Contact:** Pamela A. King (717) 477-1121

**GIARFP-2002** The Governor's Institutes for Educators are intended to promote continuing professional education among educators. These programs are rich in opportunities to deepen subject area knowledge and will include real-world experiences as tools that help educators make the link to the Pennsylvania Academic Standards, new classroom assessments and technology. The 2002 Request for Proposal provides intermediate units, institutions of higher education and not-for-profit entities with information that enables them to prepare and submit proposals for consideration to serve in a partnership capacity with the Pennsylvania Department of Education as a facilitator for site management for one or more of the Governor's Institutes for Educators.

**Department:** Education  
**Location:** Commonwealth of Pennsylvania  
**Duration:** July 1, 2002—July 30, 2003  
**Contact:** DJ Hoffman (717) 772-3817

**01-111-2286** Request for proposals to provide the Pennsylvania Turnpike Commission General Collection Services and/or Motor Vehicle Registration Searches. Initial services required will be related to our E-ZPass system and the collection of tolls and administrative fees and the identification of system violators. Copies of the RFP can be obtained by calling (717) 939-9551, extension 3521. A mandatory preproposal conference will be held on January 29, 2002. Closing date for receipt of proposals is February 19, 2002.

**Department:** Turnpike Commission  
**Location:** PTC Central Office Highspire, PA  
**Duration:** One year from date of contract execution, with renewal option.  
**Contact:** Christine Davis (717) 939-9551, X3521

**Bid #8352** Window cleaning service at the PA State Police, Reading Headquarters for a period of three years. Cleaning to be done TWICE (2) per fiscal year (Spring and Fall). Window cleaning to include storm windows inside & outside. All exterior windows shall be included. Detailed Work Schedule & Bid must be obtained from Facility Management Division, (717) 705-5951.

**Department:** State Police  
**Location:** Reading Headquarters, 600 Kenhorst Boulevard, Reading, PA 19611  
**Duration:** 7/1/02—6/30/05  
**Contact:** Donna Enders (717) 705-5951

**ADV-148** Indiana University of Pennsylvania (IUP) will have a need for computer, office, printing and housekeeping supplies at various times during the period January 2002 thru June 30, 2002. These items will be needed to replenish stock in our Central Stores Warehouse and are as follows: HP/Canon/Epson Toner Cartridges, HP/Epson Ink/Print Cartridges, Hammermill Bond Envelopes, Copy Paper, Printing Papers and Plastic Bags (trash can liners). Requests for copies of bid packages for any of these supplies should be made in writing referencing Advertisement #ADV-148 and directed to Mrs. Roxie Johnson, Purchasing Agent, IUP, Robertshaw Bldg., 650 S. 13th Street, Indiana, PA 15705; Fax: (724) 357-2670; Email: rmjohnsn@grove.iup.edu. In your request for copy of bid package, please indicate the specific item/s that you want to bid on. Requests for bid packages will be accepted until January 4, 2002. The University encourages responses from small and disadvantaged, minority, and woman-owned firms.

**Department:** State System of Higher Education  
**Location:** Indiana University of Pennsylvania, Indiana, PA 15705  
**Contact:** Roxie M. Johnson (724) 357-3077

**120** The contractor shall provide chaplaincy services for the inmates of the Jewish Faith at the State Correctional Institution at Pittsburgh. Services shall be coordinated through the Deputy of Centralized Services and/or Facility Chaplain Program Director.

**Department:** Corrections  
**Location:** State Correctional Institution at Pittsburgh, 3001 Beaver Avenue, Pittsburgh, PA 15233  
**Duration:** July 1, 2002 to June 30, 2005.  
**Contact:** Nancy Keller, Purchasing Agent (412) 761-1955

**20776007** This service provides for the Catholic Protection of the elevated water tank. A copy of the bid packet can be obtained by contacting the Purchasing Department.

**Department:** Public Welfare  
**Location:** Allentown State Hospital, 1600 Hanover Avenue, Allentown, PA 18109-2498  
**Duration:** 7/01/02—6/30/06  
**Contact:** Robert Mitchell (610) 740-3425

[Pa.B. Doc. No. 02-31. Filed for public inspection January 4, 2002, 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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KELLY LOGAN,  
*Acting 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>
6810-11	12/26/01	JMG Enterprises	738,475.00
8925-02	01/01/02	Feeser's	1,177,125.00
9905-17	12/12/01	High Leah Electronics/ dba Diamond Traffic Products	498,328.00
9905-17	12/12/01	ECM	275,176.00
9905-17	12/12/01	International Road Dynamics	1,540,868.00
9905-17	12/12/01	Jamar Technologies	992,965.00
9905-17	12/12/01	Metrocount USA	149,630.00
9905-17	12/12/01	Pat America	1,039,701.00
9905-17	12/12/01	Peek Traffic	492,305.00
9905-17	12/12/01	Timemark	350,545.33
1154211-01	12/24/01	Continental Flooring	16,380.00
1165351-01	12/18/01	M G Industries	27,378.36
1171221-01	12/24/01	Mayer Marine/ Somers Point Marina	63,320.00

<b>Requisition or Contract No.</b>	<b>PR Award Date or Contract Effective Date</b>	<b>To</b>	<b>In the Amount Of</b>
1186111-01	12/18/01	Textillary	33,200.00
1187111-01	12/24/01	Majestic Steel Service	46,050.00
1472200-01	12/24/01	Camscan	182,775.00
8141860-01	12/24/01	Foster Grading	502,019.82
8251150-01	12/24/01	Modern Equipment	8,042.71
8251190-01	12/24/01	Westgate Chevy/ Apple Ahevrolet	363,804.00
8251190-02	12/24/01	Hondru Chevy/E-Town Chevy/Olds/ Pontiac	275,216.00
8251270-01	12/24/01	Ingersole-Rand	157,124.00
8251470-01	12/24/01	Stephenson Equipment	121,978.00
8260010-01	12/24/01	Williams & Heintz Map	305,388.00
8506090-01	12/24/01	Fry Communications	234,000.00

KELLY P. LOGAN,  
*Acting Secretary*

[Pa.B. Doc. No. 02-32. Filed for public inspection January 4, 2002, 9:00 a.m.]





