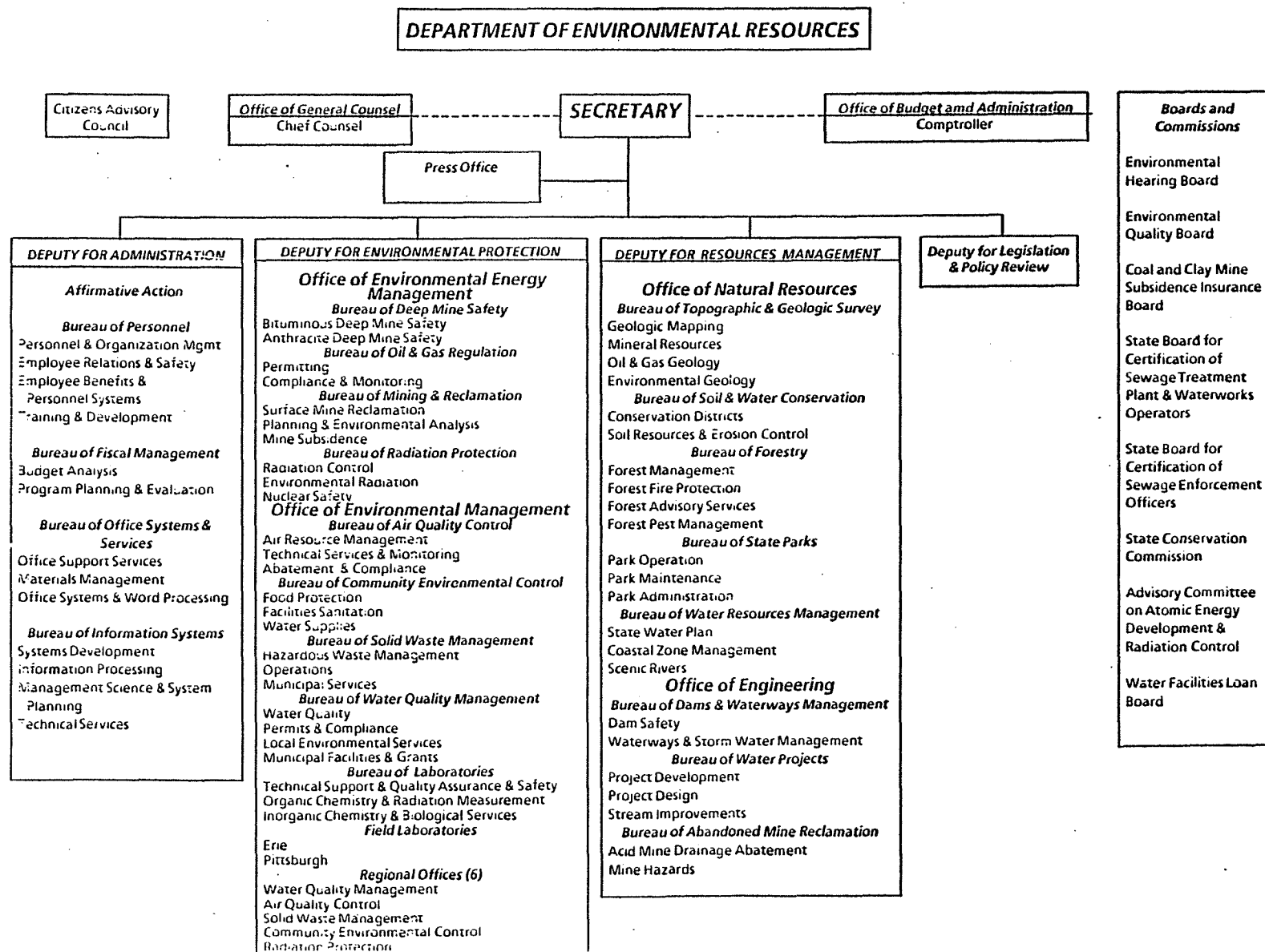
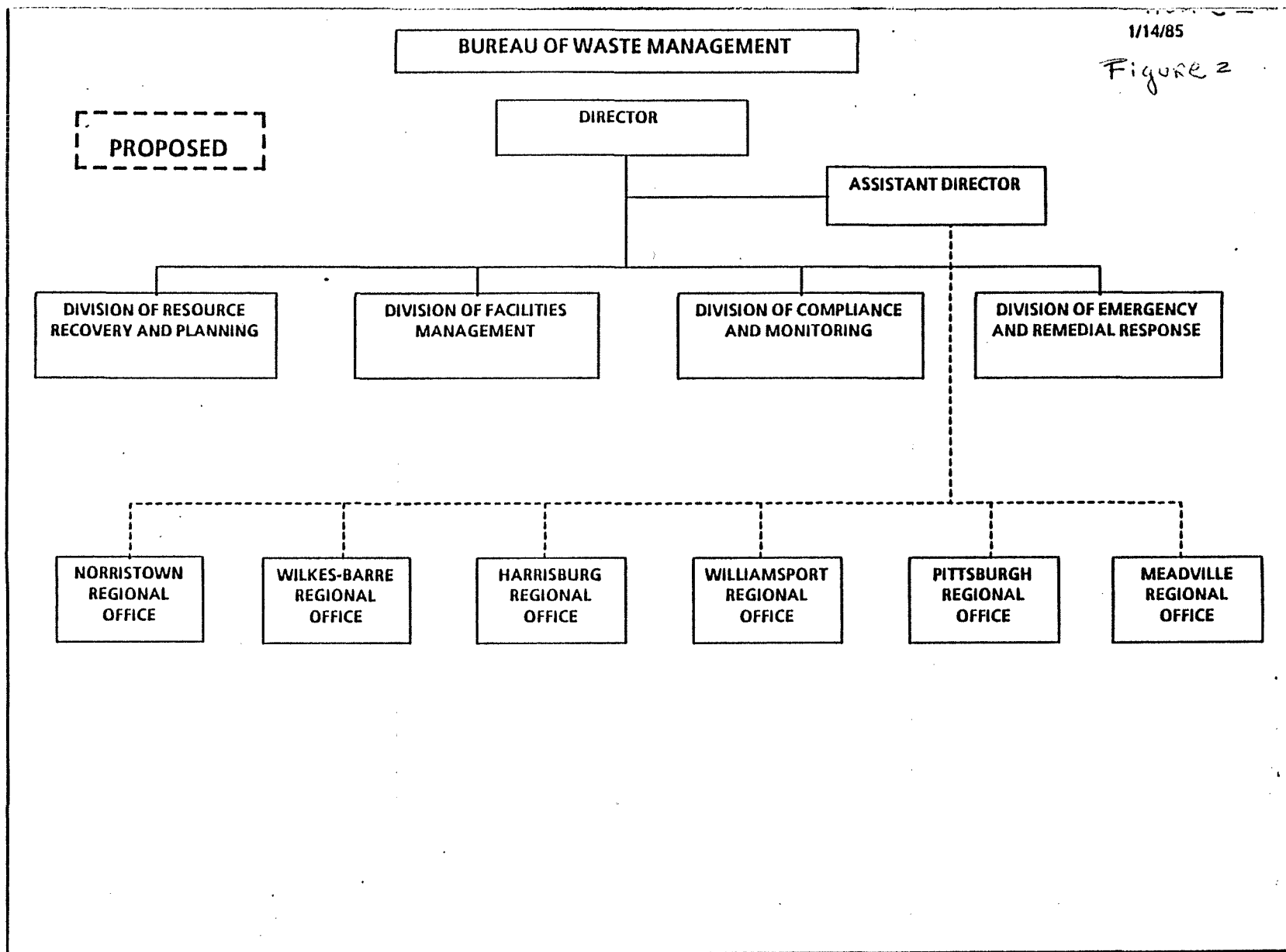


US EPA ARCHIVE DOCUMENT

Pennsylvania  
Base Program Description  
Appendices VI - XII

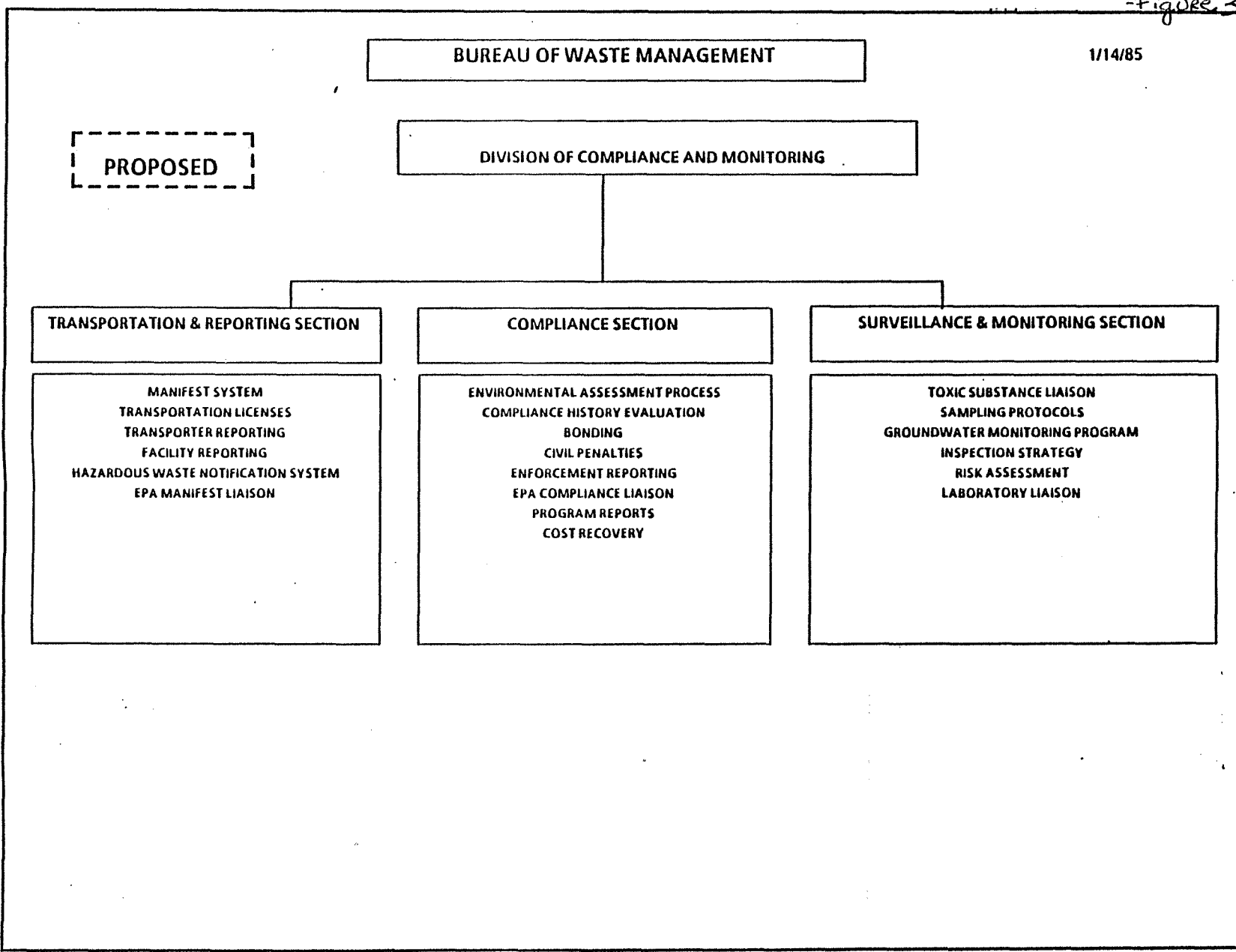
FIGURE I





-Figure 3

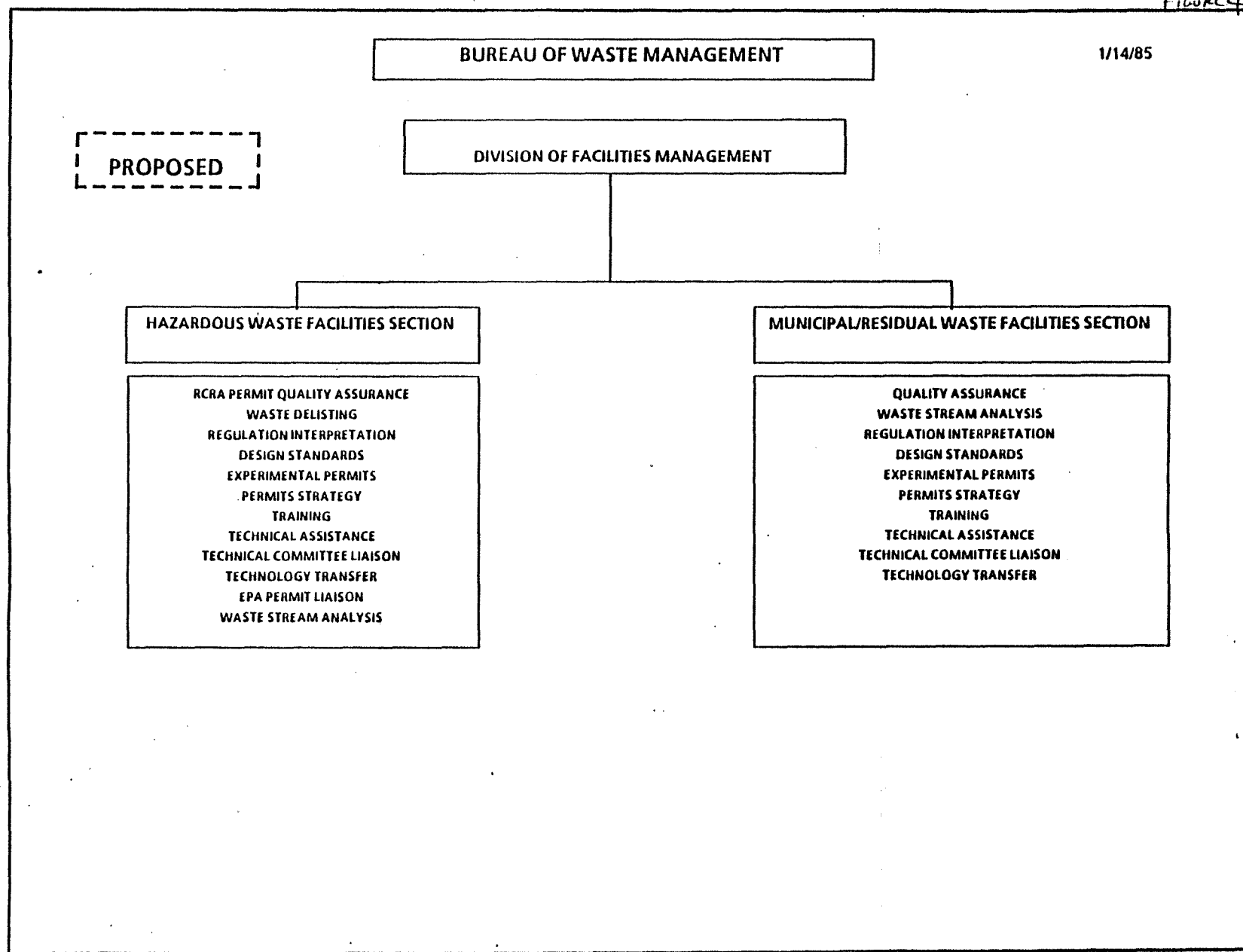
1/14/85



PROPOSED

FIGURE 4

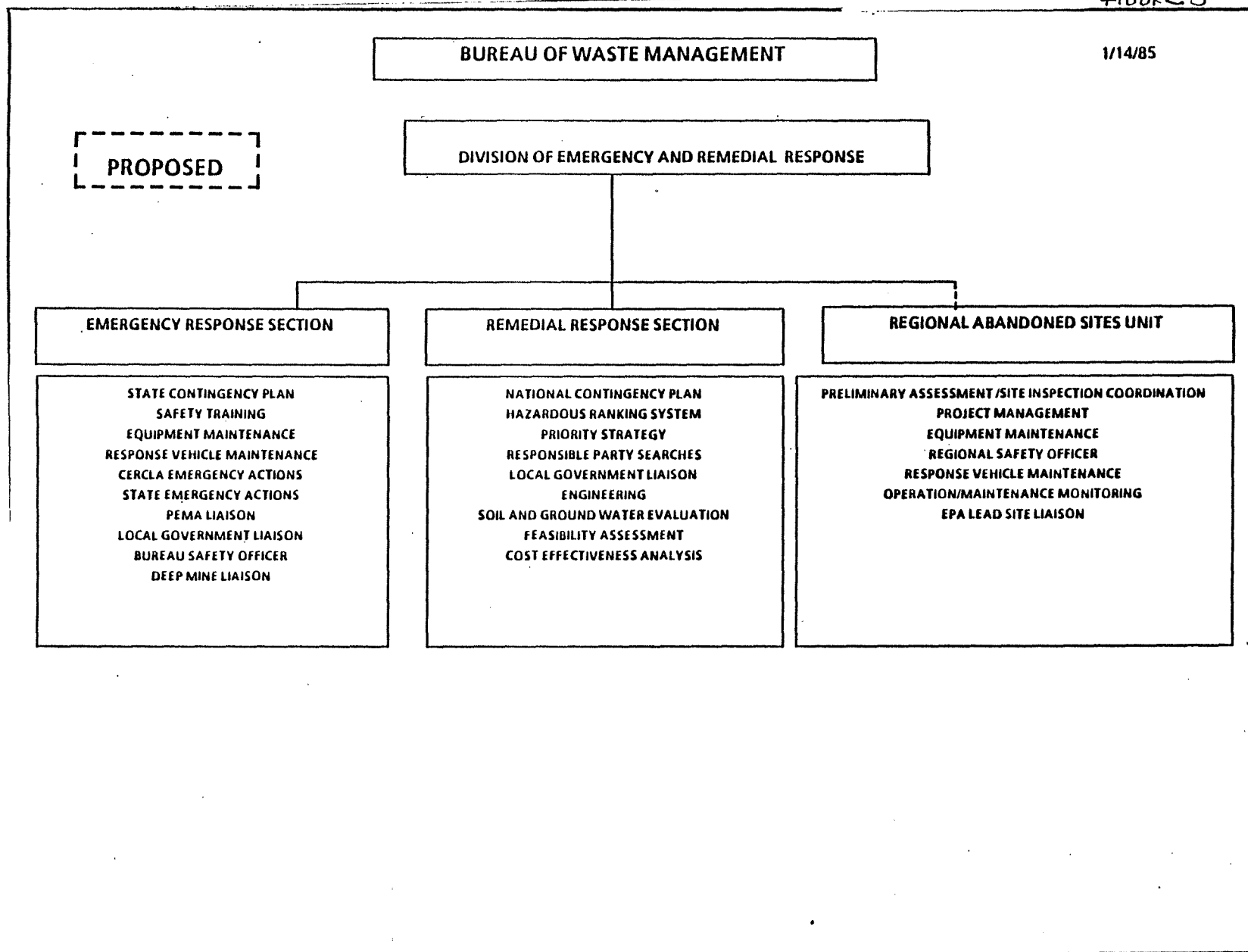
1/14/85



PROPOSED

FIGURE 5

1/14/85



## BUREAU OF WASTE MANAGEMENT (PROPOSED) COMPLEMENT

### DIRECTOR'S OFFICE

1-BUREAU DIRECTOR  
2-SOLID WASTE PROGRAM MANAGER  
1-ADMINISTRATIVE OFFICER I  
1-SOLID WASTE PROGRAM SPECIALIST SUPERVISOR  
1-SOLID WASTE PROGRAM SPECIALIST  
1-CLERK-STENOGRAPHER III  
1-CLERK-TYPIST III

### 8 SUBTOTAL

### DIVISION OF RESOURCE RECOVERY AND PLANNING

1-SOLID WASTE PROGRAM MANAGER (VACANT)  
2-SOLID WASTE PROGRAM SPECIALIST SUPERVISOR (1 FILLED, 1 VACANT)  
1-PLANNING SUPERVISOR II  
2-SOLID WASTE PROGRAM SPECIALIST  
1-CLERK-STENOGRAPHER III

### 7 SUBTOTAL

### DIVISION OF FACILITIES MANAGEMENT

1-SOLID WASTE PROGRAM MANAGER (VACANT)  
1-SANITARY ENGINEER IV  
1-SANITARY ENGINEER II (VACANT)  
1-SANITARY ENGINEER III  
1-ENVIRONMENTAL CHEMIST II  
1-HYDROGEOLOGIST III  
1-SOILS SCIENTIST III  
1-HYDROGEOLOGIST II  
1-SOILS SCIENTIST II (VACANT)  
1-CLERK-TYPIST II  
2-SOLID WASTE PROGRAM SPECIALIST SUPERVISOR

### 12 SUBTOTAL

### DIVISION OF COMPLIANCE AND MONITORING

1-SOLID WASTE PROGRAM MANAGER (VACANT)  
5-SOLID WASTE PROGRAM SPECIALIST  
3-SOLID WASTE PROGRAM SPECIALIST SUPERVISOR (2 FILLED, 1 VACANT)  
1-ENVIRONMENTAL CHEMIST II  
2-CLERK-TYPIST III

### 12 SUBTOTAL



**BUREAU OF WASTE MANAGEMENT  
(PROPOSED) COMPLEMENT**

**DIVISION OF EMERGENCY AND REMEDIAL RESPONSE**

1-SOLID WASTE PROGRAM MANAGER  
1-CLERK-TYPIST II  
1-CLERK-TYPIST III  
2-SOLID WASTE PROGRAM SPECIALIST SUPERVISOR (1-FILLED,1-VACANT)  
3-SOLID WASTE PROGRAM SPECIALIST  
1-SANITARY ENGINEER III  
1-ENVIRONMENTAL CHEMIST I  
2-HYDROGEOLOGIST II (1-FILLED,1-VACANT)  
1-ADMINISTRATIVE ASSISTANT I (VACANT)  
1-SANITARY ENGINEER I (VACANT)  
1-ENVIRONMENTAL CHEMIST II (VACANT)

**15 SUBTOTAL**

**54 TOTAL COMPLEMENT FOR CENTRAL OFFICE BUREAU OF WASTE MANAGEMENT**

1/14/85

*Appendix VI and VII*

Personnel classes and abbreviations cited in ~~Figure 4~~ are as follows: (Positions identified with an \* are involved with permit issuance.)

- Clerical  
Clerk Typist - CT  
Clerk Stenographer - CS
  
- Technical and Professional
  - \* Geologist Trainee - GT
  - \* Hydrogeologist - HG
  - \* Soils Scientist - SS
  - \* Sanitary Engineer - SE
  - Environmental Planner Supervisor - EPS
  - \* Solid Waste Specialist Trainee - SWST
  - \* Solid Waste Specialist - SWS
  - \* Solid Waste Facilities Specialist - SWFS
  - Solid Waste Operations Specialist - SWOS
  - \* Solid Waste Manager - SWM
  - \* Solid Waste Program Specialist - SWPS
  - \* Solid Waste Program Specialist Supervisor - SWPSS
  - \* Chemist - C
  - Administrative Officer - AO
  - Environmental Planner - EP
  - Information Writer - IW

## \* PERSONNEL

100% Federal

50.3 persons at \$22,802	\$1,149,939
Benefits (38%)	\$ 436,977
Indirect Costs (0.1226)	\$ 200,851
Total	<u>\$1,787,767</u>

100% State

21 persons at \$29,163	\$ 583,270
Benefits (38%)	\$ 222,263
Total	<u>\$ 805,533</u>

Overtime

Salaries	\$ 25,000
Benefits (7%)	\$ 1,750
Total	<u>\$ 26,750</u>

TOTAL MAN YEARS 71.3

TOTAL PERSONNEL AND BENEFITS \$2,620,050

\*FY 85 RCRA Grant

5/85 Regional BWM Staff Complement

<u>Harrisburg</u>	<u>Williamsport</u>	<u>Pittsburgh</u>	<u>Meadville</u>	<u>Norristown</u>	<u>Wilkes-Barre</u>
1 - SE 11	1 - SE 11	1 - ECRS	1-SE 11 - ECRS	1 - EPS(V)	
1 - SS 11	1 - SS 111	1 - SE 11	1 - SE 111	1 - SE 1(V)	1 - SE 1
2 - HG 11	1 - HG 11	2 - SE 111	1 - SS 111	2 - SE 111	1 - SE 1
1 - EC 1	2 - EC 1	1 - SS 11	1 - HG 11	1 - SS 11	1 - HG 1
9 - SWS	7 - SWS	1 - SS 111	1 - EC 1	1 - SS 111	1 - EC 1
1 - SWOS	1 - SWOS	3 - HG 1 (I-V)	1 - SWST	1 - HG 1 (V)	8 - SWS
1 - SWFS	1 - SWFS	2 - EC 1	6 - SWS	2 - HG 11	2 - SWOS
1 - SWM	1 - SWM	1 - SWST	3 - SWOS	2 - EC 1	1 - SWFS
		12 - SWS	1 - SWFS	1 - WQCS	1 - SWM
		3 - SWOS	1 - SWM	3 - SWST (I-V)	
		1 - SWFS		12 - SWS (2-V)	
		1 - SWM		4 - SWOS (I-V)	
				1 - SWFS	
				1 - SWM	

# FUNDING OF PROGRAM ELEMENTS\*

	<u>WORK-YEARS</u>	<u>FED\$</u>	<u>STATES</u>	<u>TOTAL\$</u>	<u>% OF TOTAL</u>	<u>% MINUS PROG DEV</u>
PERM	33	\$ 1223916	\$ 366284	\$1590200	49.4	51.5
COMP/MONIT ENF	25	544684	350373	895057	27.8	29.0
PROG DEV	4	96000	36480	132480	4.0	
PROG ADMIN	<u>9.3</u>	<u>552000</u>	<u>52396</u>	<u>604396</u>	<u>18.8</u>	<u>19.5</u>
TOTAL	<u>71.3</u>	<u>\$ 2416600</u>	<u>\$ 805533</u>	<u>\$3222133</u>	<u>100.0</u>	<u>100.0</u>

\*FY 85 RCRA Grant

## Solid Waste Employees

<u>State FY</u>	<u>State</u>	<u>Federal</u>	<u>Total</u>
80-81	79	56	135
81-82	115	56	171
82-83	99	61	160
83-84	98	61	159
84-85	102	62	164
84-85 (with PRR)	132	62	194
85-86 (proposed)	165	62	227 *

\* This figure includes 20 staff assigned to the Superfund program.

It also assumes that the proposed increase in staff this FY for the hazardous waste program is 20 technical, 6 clerical and 2 attorneys.

## BUREAU OF SOLID WASTE MANAGEMENT

## REGIONAL STAFF COMPLEMENT

	Norristown	Wilkes-Barre	Harrisburg	Williamsport	Pittsburgh	Meadville
	29	16	17	15	26	17
84/85 PRR						
SF	4 + 1*	0	2	0	1 *	1
M/R	4	1	0	0	3	0
85/86 PRR (Projected Need)						
SF	1	2	1	3	3	2
M/R	4	1	2	1	2	2
HW	5	1	2	1	3	2
TOTAL	48	21	24	20	38	24

\* 1 CRC

RCRA Training Courses - Sponsored by DER

1. Engineering Geophysics - cost = \$1,600
2. Slope Stability Course - cost = \$6,750
3. Implementation of the Environmental Assessment Process - no cost to the Department
4. RCRA Enforcement - no cost to the Department
5. Using the Student T test - no cost to the Department
6. Basic Surveying - no cost to the Department
7. Advanced Hazardous Waste Investigative Course - no cost to the Department.
8. Hazardous Materials Emergencies Assessment - no cost to the Department.
9. Chemistry for the Environment (Pennsylvania State University) and General Course for Inspectors (Pennsylvania State University) - combined total cost to the Department = \$18,000

Additionally the Department has sponsored a number of hydrogeology, soil science, and RCRA <sup>permit</sup> writer's courses for central/regional office staff concerning implementation of the RCRA program.



## PERSONNEL PROTECTION AND SAFETY (165.2)

5 Days

This course is for relatively inexperienced personnel who respond to accidents involving hazardous substances or investigate uncontrolled hazardous waste sites. It provides basic information on the protection and safety of personnel engaged in field operations dealing with hazardous substances.

After completing the course, attendees will be more familiar with general concepts, principles, and procedures for protecting themselves from the harmful effects of hazardous materials, and the acceptable practices for minimizing danger to response personnel.

The training consists of classroom instruction, problem-solving, and discussion. Approximately one-half of the course consists of the hands-on use of personnel protective equipment and monitoring instruments, and outdoor exercises.

Course topics include: the fundamentals of respiratory protection; types of respiratory protection apparatus, use and limitation of equipment; selection of respiratory protection equipment; protective clothing; air monitoring, and safety procedures for conducting response operations.

Segments of this course require the wearing of respiratory equipment which precludes the use of eyeglasses. Students who are severely restricted without eyeglasses should be aware that their participation may be limited unless they have their own eyeglass-equipped respirators.

Portions of this course and course 165.5 are redundant. Persons considering application to both courses should confer with the Registrar.

Continuing Education Units: 2.6

Tuition: \$110.00

## INCIDENT MITIGATION AND TREATMENT METHODS (165.3)

5 Days

This course deals with concepts and techniques for containing, controlling, and treating releases of hazardous substances. After completing the course students will have a better understanding of fundamental theories that govern chemical, physical, and biological behavior; phenomena that affect treatment processes; practical aspects of containment, on-site treatment, bulking, transport, and disposal; techniques for tracking and recovering contaminants in groundwater; and regulatory requirements.

Training is provided by means of classroom instruction, case-studies, problem solving, and group discussion.

Course topics include first response considerations, hazard evaluation, containment methods, physical, chemical, and biological treatment, disposal options, and safety during response operations.

Calculators are recommended.

Continuing Education Units: 3.7

Tuition: \$110.00

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## AIR SURVEILLANCE FOR HAZARDOUS MATERIALS (165.4)

5 Days

This course instructs participants in the practices and procedures for air monitoring and sampling for hazardous materials. Upon completion of the course, students will be more knowledgeable about: the design of air surveillance programs; the types, availability, uses, and limitations of direct-reading air monitoring instruments and air sampling equipment; the use of air monitoring data for evaluating the safety of response personnel and the public; and air dispersion and meteorology. The course will include operating procedures for specific air monitoring instruments and sampling equipment, as well as strategies for surveillance of both abandoned hazardous waste sites and accidental releases of hazardous chemicals.

Instructional methods are a combination of classroom lectures, group discussions, problem-solving, and laboratory and field exercises with hands-on use of equipment and instruments. Several case studies are presented.

Topics to be discussed are air surveillance programs; air monitoring techniques and instruments; air sampling techniques and equipment; radiation detection instruments; calibration; quality control; exposure guidelines; health and safety considerations; legal implications; and air dispersion and meteorology.

Segments of this course require the wearing of respiratory equipment which precludes the use of eyeglasses. Students who are severely restricted without eyeglasses should be aware that their participation may be limited unless they have their own eyeglass-equipped respirators.

Calculators are recommended.

Continuing Education Units: 2.3.

Tuition: \$110.00

## HAZARDOUS MATERIALS INCIDENT RESPONSE OPERATIONS (165.5)

5 Days

This course provides attendees with practical knowledge concerning incident response operations. The course focuses on response team function, methods, procedures, and safety in responding to hazardous substances spills or abandoned waste sites.

After completing the course, attendees should be more familiar with selection, use, and limitation of respiratory protection apparatus and protective clothing; site entry, control, and decontamination procedures; the use of field monitoring instruments; and response organization and management.

Approximately 1/3 of the course is classroom instruction. The remaining time is hands-on use of monitoring equipment, personnel protective apparatus, and other applications of classroom topics. Decision-making in incident response operations is practiced by responding as teams to a full staged vehicular accident and an abandoned waste site.

Course topics include respiratory protection apparatus, protective clothing, field monitoring instruments, hazard analysis, toxicology, response organization, and standard operating safety guides.

Segments of this course require the wearing of respiratory equipment which precludes the use of eyeglasses. Students who are severely restricted without eyeglasses should be aware that their participation may be limited unless they have their own eyeglass-equipped respirators.

Portions of this course and 165.2 are redundant. Persons considering application to both courses should confer with the Registrar.

Continuing Education Units: 2.1  
Tuition: \$110.00

## HAZARD EVALUATION AND ENVIRONMENTAL ASSESSMENT (165.6)

4 Days

This course provides participants with techniques to assess the potential environmental impact of released hazardous materials. The course emphasizes methods and procedures for estimating the dispersion of contaminants in air, surface water, and groundwater; pathways for contact with surrounding populations, and guidelines for the protection of public health.

Upon the completion of the course, participants will have knowledge of basic toxicology; use and interpretation of guidelines for the protection of response personnel as well as the public; the basic principle of dispersion and behavior of hazardous materials in air, surface water, groundwater, and soil; and techniques for the assessment of environmental impact.

Instruction methods includes lectures, group discussions, case studies, and group problem-solving sessions.

The following topics will be discussed: fundamentals of toxicology; principles of meteorology; basic information and mathematical models for dispersion of contaminants in air, water, and soil; guidance and standards for the protection of public health; and principles of bioassessment.

Calculators are required.

Continuing Education Units: 2.3

Tuition: \$88.00

## RESPONSE SAFETY DECISION-MAKING WORKSHOP (165.8)

4 Days

This workshop is for persons developing, implementing, or managing safety programs for chemical emergencies or cleanup at abandoned hazardous waste sites. The workshop complements other EPA basic safety courses and provides participants with more detailed guidance for making effective safety decisions. It is intended as a forum for workshop participants and the staff to exchange information and ideas on response-related safety topics.

Individuals applying for the course are expected to be knowledgeable in basic personnel protection, safety, and response operations. As a minimum, applicants must have attended Personnel Protection and Safety (165.2) or Hazardous Materials Incident Response Operations (165.5), similar courses, or demonstrate they are experienced in response safety.

After this workshop attendees will better understand the responsibilities and liabilities of a response safety officer; be more familiar with the requirements for an overall health and safety program; be more knowledgeable in risk assessment and its impact on safety planning; be better trained in technical areas of response safety; and be better able to develop and implement site-specific safety plans.

The workshop includes classroom instruction, group problem-solving, and class discussions. Workshop topics include safety guidance and regulations, risk assessment, air monitoring, respiratory and protective clothing selection, special problems, and site safety plan development.

Continuing Education Units: 2.1.  
Tuition: \$88.00

## SAMPLING FOR HAZARDOUS MATERIALS (165.9)

3 Days

This course provides attendees with the practical knowledge required for an effective sampling program for hazardous materials. The course focuses on the types of equipment suitable for hazardous materials sampling and the practices and procedures for safely and effectively collecting samples. Air sampling procedures are specifically treated in the Air Surveillance for Hazardous Materials course (165.4), and are not covered in this course.

After completing the course, attendees should be more knowledgeable about the design of sampling programs; the equipment and procedures for sample collection; sampling safety; the regulations on transporting samples; and the use of statistics in sampling.

Instructional methods used are lectures, group discussions, demonstrations, and field exercises with an emphasis on hands-on use of multi-media sampling equipment.

Topics to be discussed include: sampling plan development; the statistical basis for sampling; equipment and procedures for sampling containerized materials, surface water/lagoons, sediments/sludges, soils and groundwater; compatibility testing; sample shipment; safety in sample collection; and quality control/quality assurance considerations.

Segments of this course require the wearing of respiratory equipment which precludes the use of eyeglasses. Students who are severely restricted without eyeglasses should be aware that their participation may be limited unless they have their own eyeglass-equipped respirators.

Continuing Education Units: 2.0

Tuition: \$66.00

Commonwealth of Pennsylvania  
Environmental Resources  
July 6, 1984

Subject: Treatment Permit Requirements for  
Leachate Treatment Facilities  
from Hazardous Waste Landfills

To: Regional Solid Waste Managers  
Regional Water Quality Managers

From: Pete Slack, Chief *Pete Slack*  
Engineering Section  
Division of Permits and Compliance  
Bureau of Water Quality Management  
and  
Alfred Dalberto, Chief *ADP*  
Hazardous and Toxic Materials Section  
Bureau of Solid Waste Management

Through: Director, Bureau of Water Quality Management  
Director, Bureau of Solid Waste Management *DA*

We refer to recent questions concerning the coordinated permit review between Water Quality Management and Solid Waste Management in regard to the Bureau's draft permit coordination guidelines for hazardous waste leachate treatment facilities to be permitted. These guidelines are necessary for better permit and enforcement control and the elimination of duplicate permits for the same facility. The NPDES permit will be issued by Water Quality Management, and the WQM Construction and Operation Permit of the leachate treatment facility will be issued by Solid Waste Management.

The following is the review procedure for the construction and operation treatment permit:

1. Water Quality Management will provide information concerning required effluent quality to the applicant for use in designing the leachate treatment facilities.
2. Water Quality Management will assist Solid Waste Management in the technical review of the leachate treatment facility design engineer's report and supplemental information as required in Water Quality Management's Industrial Waste Manual.
3. The Bureau of Solid Waste Management will review the information regarding the hazardous waste treatment permit.



Regional Solid Waste Managers  
Regional Water Quality Managers

- 2 -

July 6, 1984

4. The hazardous waste permit will cover both the landfill and leachate treatment facilities and will include any applicable standard or special conditions required by Water Quality Management.
5. The NPDES permit will normally be issued concurrently with the hazardous waste permit.

If there are any questions, please contact me.

Commonwealth of Pennsylvania  
Environmental Resources  
November 29, 1982

Subject: Permit by Rule Review Procedure Guideline

To: REGIONAL SOLID WASTE MANAGERS  
REGIONAL WATER QUALITY MANAGERS

From: GARY GALIDA, Chief *GG*  
Division of Hazardous Waste Management

ERNEST GIOVANNITTI, Chief  
Division of Permits and Compliance

Attached is the review procedure guidelines for certain hazardous waste treatment facilities that could qualify for a Permit by Rule status. This will require a coordinated review effort between the Bureaus of Solid Waste Management and Water Quality Management. Since the Permit by Rule provision was effective as of September 4, 1982, the date the revised hazardous waste regulations was promulgated, these guidelines can be used immediately to determine if the Permit by Rule conditions are satisfied.

Previously, the draft Permit by Rule review procedure guideline dated August 27, 1982, was revised to incorporate your comments. It is estimated that there may be over 100 possible Permit by Rule qualifying treatment facilities throughout the State, but it is unlikely that this amount would need to be reviewed this fiscal year. The Permit by Rule provision in the Hazardous Waste regulations is applicable to two types of facilities:

- I. Publicly Owned Treatment Works (POTW) which accept hazardous waste (see Section 75.265(z)(14)). Because of the specific circumstances (hazardous waste has to be received directly), this situation will not be too prevalent.
- II. Owners or Operators of an Elementary Neutralization Unit (ENU) or a Wastewater Treatment Unit (WTU) (see Section 75.265(z)(17)). Since a hazardous waste facility that would qualify for a Permit by Rule would not require a hazardous waste treatment permit, this situation will be advantageous to qualifying facilities.

I. Publicly Owned Treatment Works (POTW) Permit by Rule Review Procedure Guidelines

The reference to this situation in the hazardous waste rules and regulations is Section 75.265(z)(14). This only applies to POTW's that accept hazardous wastes by truck, rail, or pipe directly discharged to the POTW. Note: Domestic sewage that is mixed with hazardous waste that is conveyed through a sewer system to a POTW for treatment is excluded as a hazardous waste in Section 75.261(c)(i).

A. Eligibility

The following conditions must be met in order to qualify for a Permit by Rule:

1. The POTW has a National Pollution Discharge Elimination System (NPDES) permit.
2. The POTW complies with conditions of that permit.
3. The POTW has to meet the following four hazardous waste management requirements:
  - a. Obtain an identification number (comply with 75.264(b)).
  - b. Use the manifest system (comply with 75.264(j)).
  - c. Keep operating records (comply with 75.264(k)).
  - d. Submit quarterly facility reports (comply with 75.264(m)).
4. All Federal, State, and local pretreatment requirements which would be applicable to the hazardous wastes being discharged directly to the POTW must be met. (In some situations, there may be no Federal or State but only local pretreatment requirements.)

B. Procedure

1. Solid Waste regional personnel should meet with Water Quality regional personnel to identify POTWs that are directly accepting hazardous waste that have notified under the hazardous waste regulations. A list of POTW's accepting hazardous waste directly should be made and updated by Solid Waste regional personnel.
2. These POTW's should be notified by Solid Waste regional personnel concerning the Hazardous Waste Management Regulations and the provisions which must be met if they are to be deemed to have a Permit by Rule under Section 75.264(z)(14). If an eligible POTW does not wish to be covered by a Permit by Rule, then it will have to obtain a hazardous waste permit for the facility as a treatment facility. The NPDES and WQM Part II permits will continue in effect.

3. For POTW's which could qualify for the Permit by Rule, a joint operational inspection between Solid Waste and Water Quality regional personnel should be performed to review the POTW. The following should be considered:
  - a. Hazardous waste off loading area (spill containment, etc.)
  - b. Compatibility and treatability of hazardous waste in question (including the need for pretreatment of the hazardous waste prior to discharge to the POTW).
  - c. Impact of hazardous waste on effluent quality and sludge characteristics.
  - d. NPDES monitoring requirements (i.e. should a hazardous waste constituent be limited and/or monitored as a part of the POTW NPDES permit).
4. Water Quality personnel will review the POTW's NPDES permit and any Federal, State, and local pretreatment requirements which apply to the hazardous waste being received directly by the POTW to determine if the POTW is in compliance with these requirements. A copy of this evaluation should be provided to the Regional Solid Waste Manager. This compliance review should reflect operation as well as treatment capability conditions. (For example it should indicate if treatment facilities and capacity are inadequate or if there is a history of operation and maintenance problems). Infrequent short-term violations of effluent limitations for parameters such as BOD, SS, etc., would not normally be serious enough to be considered "non-compliance".
5. Solid Waste Management will notify eligible POTW's in writing that they satisfy the Permit by Rule requirements in accordance with Section 75.265(z)(14) and that they are deemed to have a Permit by Rule contingent upon being in compliance with the hazardous waste management conditions set in 75.264(b)(j)(k)(n), the NPDES permit, and all Federal, State, and local pretreatment requirements pertaining to the hazardous waste in question. A copy of this letter should also be sent to the Regional Water Quality Manager and Division of Hazardous Waste.
6. Noneligible POTW's will be notified by Solid Waste Management concerning any conditions of the Permit by Rule which have not been satisfied. If these conditions are addressed satisfactorily by the POTW immediately then they will be renotified in accordance with item 5. A POTW not eligible for the Permit by Rule would be required to obtain a hazardous waste management permit.
7. Since the Permit by Rule is contingent upon NPDES and compliance, BWQM should notify BSWM at the regional level whenever an applicable POTW is found to be in non-compliance as a result of inadequate treatment facilities or if there is a history of operation and maintenance problems.

Non-compliance by the POTW will result in loss of the Permit by Rule status.

II. Owners or Operators of Elementary Neutralization Units (ENU) or Wastewater Treatment Units (WTU) Permit By Rule Review Procedure Guidelines

Reference to this situation in the Hazardous Waste Regulations is in Section 75.265(z)(17). The following conditions must be met in order to qualify for a Permit By Rule:

A. Eligibility

1. The treatment unit must meet the definitions of either ENU or WTU. An Elementary Neutralization Unit (ENU) is a device which is used to neutralize wastes which are "hazardous" only because they exhibit the characteristic of corrosivity as defined in Section 75.261; or listed in 75.261, and which meets the definition of tank, container, transport vehicle or vessel. A Wastewater Treatment Unit (WTU) is a device which meets the definition of a tank and which is part of a wastewater treatment facility subject to regulations under either Section 402 or Section 307(B) of the Clean Water Act, and receives, and treats or stores an influent wastewater which is a hazardous waste, or generates and accumulates a wastewater treatment sludge which is a hazardous waste, or treats or stores a wastewater treatment sludge which is a hazardous waste. Note: In no case does this definition include surface impoundments. Surface impoundments must obtain a hazardous waste management permit.
2. The ENU or WTU treatment facility has to be an on-site, captive facility.
3. The ENU or WTU treatment facility has to have either a NPDES permit, or discharge to a sewage treatment system with a NPDES permit and be subject to all Federal, State, and local pretreatment requirements. In some situations there may be no Federal or State but only local pretreatment requirements.
4. The ENU or WTU treatment facility has to meet the following hazardous waste management requirements:
  - a. Obtain an identification number (comply with 75.264(b)).
  - b. Have security (comply with 75.264(d)).
  - c. Have a general inspection and construction inspection (comply with 75.264(e)).
  - d. Have a preparedness and prevention system (comply with 75.264(h)).
  - e. Have a Preparedness Prevention and Contingency Plan and comply with emergency procedures (comply with 75.264(i)).

- f. Keep operating records (comply with 75.264(k)).
- g. Submit all required quarterly facility reports (comply with 75.264(m)).
- h. Perform treatment of hazardous waste in accordance with general requirements for ignitability, reactive, or incompatible wastes (comply with 75.265(y)(2)) and 75.265(g)(2)).
- i. Proper placement of hazardous waste (comply with 75.265(y)(3)).
- j. Have means of terminating continuous hazardous waste feed (comply with 75.265(y)(4)).
- k. Insure that change of hazardous waste or treatment process will be acceptable (comply with 75.265(y)(5)).
- l. Perform inspection (comply with 75.265(y)(6)).
- m. Perform equipment removal at closure (comply with 75.265(y)(7)).
- n. Proper placement of ignitable or reactive waste (comply with 75.265(y)(8) and 75.265(y)(9) and 75.265(y)(10)).

B. Procedures

1. Regional Solid Waste personnel should identify possible industrial waste treatment or pretreatment facilities that could qualify. The Division of Hazardous Waste (Central Office) personnel will also supply possible qualifying facilities. A list of facilities that could qualify for the Permit by Rule should be made and updated by Solid Waste regional personnel. Water Quality personnel should assist in supplying information concerning ENUs or WTUs having a National Pollution Discharge Elimination System Permit (NPDES) (or which may be subject to Federal, State, and local pretreatment requirements) which may be eligible for this Permit by Rule. If an NPDES permit is needed, Water Quality personnel should aid the ENU or WTU facility in processing the NPDES permit application. Water Quality personnel should also assist by informing the ENU or WTU of any applicable pretreatment requirements.
2. If the ENU or WTU does not wish to be covered under a Permit by Rule it will have to obtain a hazardous waste permit as a treatment facility. In order to qualify for the Permit by Rule it will have to comply with all eligibility items listed in A (1), (2), (3), and (4).
3. For ENUs or WTUs which qualify for the Permit by Rule, an inspection should be performed by regional Solid Waste personnel to review the facility. Water Quality personnel should provide Solid Waste with copies of previous NPDES inspection reports and other pertinent data relating to the facility. Water Quality personnel should also accompany Solid Waste



personnel on the inspection in cases where no previous NPDES permit was issued to the facility, or in those cases where industrial waste pretreatment facilities are involved.

The following should be reviewed:

- a. Hazardous waste off-loading area (spill containment, etc.)
- b. Compatibility and treatment of hazardous waste
  - 1) For NPDES cases, are effluent limits being achieved
  - 2) For industrial waste pretreatment facilities, are pretreatment requirements being met
- c. Monitoring requirements (should a hazardous waste constituent be monitored or limited as part of the NPDES permit or as part of the pretreatment requirements)

Where the ENU or WTU is a pretreatment facility the owner/operator of the receiving POTW should be informed concerning the Permit by Rule review and should be asked to provide any applicable information concerning local pretreatment requirements.

4. Water Quality personnel will review the NPDES permit and Federal, State and local pretreatment requirements to determine if the treatment plant is in compliance. This evaluation should be given to the Solid Waste Regional Manager. This compliance review should reflect operational as well as treatment capability conditions. (For example, it should indicate if a facilities treatment and capacity are inadequate, or there is a history of operation and maintenance problems.)
5. If the conditions outlined in A (1), (2), (3), and (4) above are satisfied, the Regional Solid Waste Manager notifies the facility in writing that they are deemed to have a Permit by Rule in accordance with Section 75.264(z)(17) and that it will be contingent upon being in compliance with all the hazardous waste management conditions as stated in 75.264(b),(d)(3),(h),(i),(k), and (m) and paragraphs 2 through 10 of 75.265(y), the NPDES permit, and all Federal, State, and local pretreatment requirements. A copy of this notification letter should be sent to the Regional Water Quality Manager and the Division of Hazardous Waste.
6. Noneligible owners or operators of ENU or WTU will be notified by the Solid Waste Manager concerning any conditions of the Permit by Rule which have not been satisfied. If these conditions are addressed satisfactorily by the owner or operator of the ENU or WTU immediately, they will be renotified in accordance with item 5. A hazardous waste treatment facility not eligible for the Permit by Rule will be required to obtain a hazardous waste management permit.

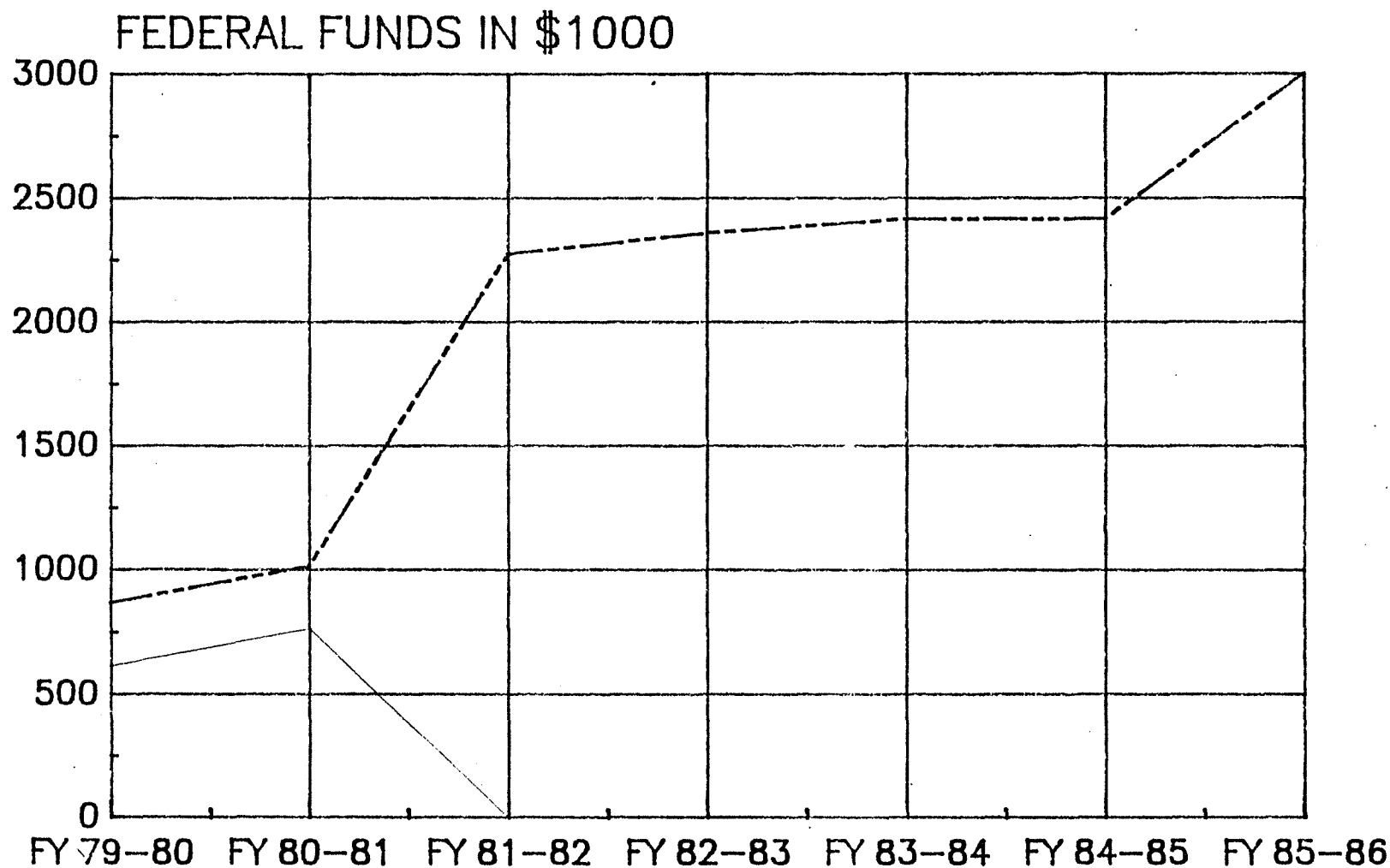
7. Since the Permit by Rule is contingent upon NPDES compliance, BWQM should notify BSWM at the regional level when the ENU or WTU facility is found to be in non-compliance with either State or Federal pretreatment requirements or NPDES requirements, as a result of inadequate treatment facilities or a history of operation and maintenance problems. Non-compliance will result in loss of the Permit by Rule status.



# FINANCIAL RESOURCES

SUBTITLE C

SUBTITLE D



**PART III—BUDGET INFORMATION**

**SECTION A—BUDGET SUMMARY**

GRANT PROGRAM, FUNCTION OR ACTIVITY (a)	FEDERAL CATALOG NO. (b)	ESTIMATED UNOBLIGATED FUNDS		NEW OR REVISED BUDGET		
		FEDERAL (c)	NON-FEDERAL (d)	FEDERAL (e)	NON-FEDERAL (f)	TOTAL (g)
1. RCRA	66,451	\$	\$	\$2,416,600	\$ 805,533	\$ 3,222,133
2.						
3.						
4.						
5. TOTALS		\$	\$	\$ 2,416,600	\$ 805,533	\$ 3,222,133

**SECTION B—SCHEDULE A BUDGET CATEGORIES**

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				TOTAL (5)
	(1)	(2)	(3)	(4)	
a. Personnel	\$ 1,752,448	\$	\$	\$	\$
b. Fringe Benefits	666,751				
c. Travel	145,000				
d. Equipment	14,708				
e. Supplies	105,000				
f. Contractual	181,375				
g. Construction					
h. Other	156,000				
i. Total Direct Charges	3,021,282				
j. Indirect Charges	200,851				
k. TOTALS	\$ 3,222,133	\$	\$	\$	\$
7. Program Income	\$	\$	\$	\$	\$

Norristown

PENNSYLVANIA HAZARDOUS WASTE  
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DP = Draft permit prepared

Facility Name & I.D. Number	Process Codes	Part B Due Date (Includes extensions)	Part B Received (Includes revised applications)	Application Completeness Review (Asterisk denotes Notice of Deficiency)	Application Technical Review (Asterisk denotes Notice of Deficiency)	Advertisement of Public Hearing or Intent to Permit/Deny	Public Hearing (Date held)	Final Permit Issued or Denied (Date of Reg action)	Review Status (Withdrawal date of applicant and reason or other Important comment)
East Coast Chemical Disposal PAD980706162	S01 S02 T04	--	1/11/83 Rev. 12/15/83 Rev. 8/03/84	1/25/83	5/13/83* 11/03/83* 12/18/83* 2/22/84	-	-	-	Draft permit submitted; pending notice with EPA.
Ace Service PAD014624654	S01	--	12/30/82 Rev. 3/02/84	1/18/83	4/4/83* 4/23/84 DP 6/19/84* 12/13/84* 7/23/85*	6/12/84* 7/27/84	7/12/84	-	
Rohm & Haas Co. Spring House PAD075485995	S01	4/12/83	4/11/83 Rev. 5/22/84	4/21/83	3/28/84* 4/26/84 DP	8/03/84	-	-	Pending bond submission.
Rohm & Haas Bristol PAD002292068	S01	9/01/83	4/12/83 Rev. 5/01/84 Rev. 11/19/84	4/21/83	3/27/84* 3/23/84DP	4/03/84	5/03/84	3/29/85	
Unitank Terminal PAD087098653	T01 S02	4/27/83	4/26/83 Rev. 5/25/84	3/15/84*	3/22/84* 6/29/84DP	-	-	-	
Keystone Portland Cement PAD002389559	S02 T01	4/12/83	3/31/83 Rev. 9/30/83 Rev. 6/27/84 Rev. 9/25/84	5/25/83*	5/25/83* 1/30/84* 2/15/84* 2/17/84* 8/02/84* 10/25/84* 12/07/84 DP	-	-	-	
Chemclear PAD000731026	S01 S02 T01 T04	4/27/83	4/27/83	5/13/83	6/25/84* 8/10/84 DP	-	-	-	

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Amchem Products PAD002348324	S01	4/12/83	4/12/83	4/21/83	4/18/84* 6/15/84DP	-	-	-	Meeting with applicant on 5/21/84.
Uniform Tubes PAD002344463	S01 S02 S04 T01	4/27/83	4/26/83	5/13/83	4/17/84*	-	-	withdrew	Closure plan submitted.
Combustion Equipment Alco Industries PAD980554638	S02 T04	4/12/83	4/26/83	6/8/83	4/18/84*	-	-	closed	Facility requested withdrawal on 9/11/84.
Betz Laboratories Trevese/Bensalem PAD000722265	S01	4/12/83	4/12/83	4/21/83	5/30/84 4/19/84DP	5/14/84	-	1/16/85	Permit issued.
Stauffer Chemical PAD002336410	S01	4/27/83	4/28/83	5/16/83	6/06/84 6/29/84DP	8/13/84	-	-	Pending bond submission.
HI-Pure Chemicals PAD002389104	S01 T01 S02	4/28/83	4/14/83 Rev. 9/14/83 Rev. 3/28/84	4/21/83 9/28/83	12/20/83* 6/26/84*	8/14/84	-	-	Meeting with applicant held on 5/07/84. Contractor is prepar- ing draft permit.
Thompson CSF Components Corp. PAD021047584	S02	9/1/83	8/31/83	4/02/84*	6/15/84*	8/13/84	-	-	Contractor is doing Technical Review.
Sun Tech, Inc. PAD080790791	S01	9/1/83	9/2/83	3/28/84*	7/13/84*	-	-	closed	Applicant withdrew.

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Allied Fibers and Plastics Co. PAD002312791	S01 S02	9/1/83	9/1/83 Rev. 11/15/84	4/09/84	6/15/84*	-	-	-	
Waste Conversion PAD085690592	S01 S02 T01 T04	4/27/83	6/01/83 Rev. 5/04/84	7/23/83	2/03/84* 5/16/84 DP 6/18/84*	-	-	-	Region is preparing Public Hearing report.
Delaware Container PAD064375470	T01 S01 S02	4/27/83 New application 1/31/84	4/28/83	5/18/83	9/28/83* 4/25/84* 8/10/84* 8/09/84 DP	-	-	-	
Resource Technology Plymouth Twp. PAD980555809	S01 T01	-	11/17/81 Rev. 6/30/82	11/29/81	3/03/82	-	5/27/84	-	Pending bond resubmission.
Resource Tech. Conshohocken PAD980550479	S01 T04	4/27/83	4/28/83	3/12/84*	9/21/84*	-	-	-	
Arco Petroleum PAD002289700	S01 S02 T01 T04 D81	4/27/83	4/28/83	5/19/83	2/22/84* 6/29/84DP	-	-	-	
Sartomer Co. PAD042259374	S01 T01	4/12/83	4/21/83 Rev. 11/30/84	3/16/84*	8/10/84*	-	-	-	Pending bond submission.

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Betz Laboratories Langhorne/Middleton PAD000824805	S01	9/1/83	9/1/83	4/26/84		-	-	-	
Superior Tube PAD002353407	S01 S02 T01	4/27/83	5/26/83	8/08/83	5/22/84* 10/09/84 DP	-	-	-	
Cabot Berylico, KBI Boyertown PAD002355445	S01 S02 T01	4/27/83	4/28/83	5/19/83	6/28/84*	-	-	Application returned 3/28/85	Applicant withdrew on 9/11/84; closure plan submitted.
Merck Sharpe & Dohme PAD002387926	S01 T03	4/12/83 Rev. 2/25/85	4/14/83 8/08/84	3/16/84* 2/05/85*	8/08/84*	8/03/84	-	-	Bond approved.
Cabot Wrought Products Muhlenberg PAD044540136	S01 S02 T01 D80	4/27/83	4/21/83	3/15/84* 10/25/84*		-	-	-	Applicant withdrew; closure plan submitted.
General Battery Alsace Twp. PAT440012177	D80	-	3/20/84 Phase I	-	-	-	-	-	
Chemclene PAD014353445	S01 S02 T01 D80	4/27/83	4/29/83 Rev. 9/24/84 Rev. 11/15/84	5/18/83	7/20/84*	-	-	-	
Gulf Oil Corp. Philadelphia Refinery PAD049791098	S01 S02 T03	4/12/83	4/12/83	4/26/83	5/03/84*	-	-	-	

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Smith Kline Chem. Riverside PAD980550412	S01 T03	4/12/83	4/11/83 Rev. 12/1/83	4/21/83* 12/08/83* 2/14/85* 7/26/85	-	-	-	-	Application amended to include incinerator.
Crompton & Knowles PAD002917466	S01 T01 D83	4/27/83	5/02/83	5/24/83	5/25/84* 4/15/85	-	-	-	Applicant was requested to perform additional analyses on impoundment wastes.
Marcus Hook Processing, Inc. PAD098160906	S02 T01 T04	9/1/83	8/19/83	4/26/84* 8/27/84*	8/30/84*	-	-	-	Part B resubmitted under new name.
Carpenter Technology PAD002344315	S01 S02 S03 T04	4/27/83	5/10/83 Rev. 7/02/84 Rev. 12/28/84	3/07/84*	10/24/84*	-	-	-	
Allied Chemical Delaware Valley Works PAD990823742	S01	9/1/83	8/23/83	8/07/84* 4/04/85	8/07/84* 4/18/85	-	-	-	
General Electric Co. Valley Forge Space Center PAD001680719	S01	9/1/83	9/1/83 Rev. 8/10/84	4/12/84* 12/12/84	-	-	-	-	
Johnson Matthey, Inc. PAD067362327	S01 S02	9/1/83	9/1/83	4/20/84*	7/18/85*	-	-	-	

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Boeing Vertol Co. PAD096837356	S01	9/1/83	9/6/83	4/25/84* 12/12/84	7/18/85	-	-	-	
Rohm & Haas Delaware Valley PAD077883346	S01	9/1/83	9/1/83	9/28/83* 1/09/85* 8/29/85	-	-	-	-	
Sun Petroleum Products Co. PAD980550594	S01 T01	9/1/83	9/1/83 Rev. 12/31/84	8/27/84* 2/12/85	-	-	-	-	
C & D Batteries PAD053285557	S01	9/1/83	8/30/83	8/30/84*	-	-	-	-	Withdrew application 7/18/85.
General Battery Corp. PAD990753089	S01 S02 S03 T01	9/1/83	9/1/83	9/22/83	-	-	-	-	
BP Oil, Inc. PAD071612683	S01 T01	9/1/83	8/29/83	7/24/84* 4/03/85	-	-	-	-	
Brush Wellman Inc. PAD002387835	S04	9/1/83	9/2/83	7/03/84*	-	-	-	-	Consent Order and Agreement under negotiation.
Safety Kleen- Kuhnsville PAD980552020	S01 S02	9/1/83	9/12/83	6/15/84* 12/12/84	-	-	-	-	
Safety Kleen- West Chester PAD000738849	S01 S02	9/1/83	9/7/83	6/15/84* 12/12/84	-	-	-	-	



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Ross Bicycles PAD053061909	T01	9/1/83	8/31/83	8/01/84*	-	-	-	-	
Olin Corporation PAD047353172	S01	9/1/83	9/9/83 Rev. 12/06/84	8/10/84* 12/12/84	7/18/85*	-	-	-	
Prestolite Battery Division PAD069785632	S01 S02	9/1/83	9/19/83	11/15/83* 1/16/85*	-	-	-	closed	Applicant withdrew.
Honeywell Inc.- Process Control Div. PAD002386761	S01	9/1/83	9/2/83	8/06/84*	-	-	-	closed	Requested withdrawal on 8/15/84. Closure plan approved; application returned.
CRC Chemicals Inc. PAD069880029	S02	9/1/83	9/2/83	8/06/84*	-	-	-	-	
Air Products and Chemicals PAD003001070	S01	10/1/83	9/30/83 Rev. 12/14/84	8/14/84* 12/12/84	7/18/85*	-	-	-	
Safety Kleen-Malvern PAD0990818112	S01 S02	10/1/83	10/3/83	6/15/84* 12/12/84	-	-	-	-	
Pennwalt Corp. PAD075538033	S01 S02 T03	10/1/83	9/30/83	11/9/83* 6/15/84* 12/12/84	7/18/85*	-	-	-	
Safety Kleen- Tullytown PAD065716813	S01 S02	9/1/83	9/1/83	6/15/84* 12/12/84	-	-	-	-	

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Conversion Systems, Inc.- Horsham PAD064362940	S01	11/1/83	10/31/83	8/14/84*	-	-	-	Part B returned 3/28/85	Closure plan submitted.
Conversion Systems, Inc.- Plymouth Mtg. PAD064361835	S01 S02	11/1/83	10/31/83	8/14/84*	-	-	-	closed	Applicant withdrew.
Bethlehem Steel Corp. PAD990824161	S01	11/1/83	10/27/83	11/16/83	-	-	-	-	Applicant withdrew.
Trane Thermal Co. PAD069006419	T03	11/1/83	11/1/83	11/16/83	-	-	-	-	
Pfizer Inc. PAD002391548	S02	11/1/83	10/27/83	12/6/83 2/12/85*	-	-	-	-	
Bethlehem Apparatus PAD002390961	S01	11/1/83	11/4/83	10/16/84*	-	-	-	-	
Cabot Berylico KB1 Revere PAD014512388	S01 S02	11/1/83	11/2/83	10/17/84*	-	-	-	closed	Applicant withdrew
US Naval Base PAD4170022418	S01	12/1/83	11/30/83	8/20/84*	-	-	-	-	

Norristown

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Bishop Tube Co. PAD081868309	S01 S02	12/1/83	12/1/83 Rev. 4/12/85	8/14/84*	-	-	-	-	
Solid State Scientific PAD000965800	S01 S02	12/1/83	12/1/83	8/14/84*	-	-	-	12/03/84	Closure plan submitted.
McKesson Chemical PAD043565779	S01	12/1/83	12/2/83		-	8/08/84	-	-	
ITT Corp. Easton PAD002395325	S01		8/25/83	12/04/84*	-	-	-	closed	Applicant withdrew.
East Penn Manufacturing PAD002330165	S02 T01 T04	9/01/83	8/30/83 Rev. 12/14/84	10/29/84 12/12/84*	-	-	-	-	
Keystone Lamp Mfg. PAD045137247	S01	4/29/83	8/25/83	4/84	-	-	-	-	
Naval Air Develop- ment PA6170024545	S01 S02		3/01/84	9/84	-	-	-	-	
Whitehall Cement PAD002393460	S02	-	12/22/82	3/83	4/04/83*	-	-	8/17/83	Application withdrawn.
Boyerstown Sanitary Disposal PAD048603005	D80 T01 T02	8/23/83	12/23/83	1/06/83	-	-	-	5/23/84 Consent Order & Agreement	Application withdrawn and closure plan sub- mitted 8/29/83.

Wilkes-Barre

PENNSYLVANIA HAZARDOUS WASTE  
MILESTONE CHART  
AUGUST, 1985

Facility Name & I.D. Number	Process Codes	Part B Due Date (Includes extensions)	Part B Received (Includes revised applications)	Application Completeness Review (Asterisk denotes Notice of Deficiency)	Application Technical Review (Asterisk denotes Notice of Deficiency)	Advertisement of Public Hearing or Intent to Permit/Deny	Public Hearing (Date held)	Final Permit Issued or Denied (Date of Reg action)	Review Status (Withdrawal date of applicant and reason or other important comment)
Reneer Films PAD000504746	S01	4/18/83	4/6/83	3/19/84*	6/04/84DP	6/07/84 9/15/84 DP	-	-	Bond review.
Allied Fibers & Plastics PAD069776185	S01	4/29/83	4/29/83 Rev. 1/12/84	11/30/83* 3/26/84*	-	8/09/84 9/15/84 DP	-	-	Bond review.
Air Products PAD069778967	S01 S02	4/18/83	5/18/83 Rev. 8/07/84	5/24/84* 3/01/85* 5/16/85	-	-	-	-	
Zapata Industries PAD002499440	T03	5/18/83	4/18/83	-	-	-	-	-	Contractor
New Jersey Zinc PAD002395887	S03	4/29/83	4/28/83	-	-	-	-	-	Problem application, working with EPA.
Proctor & Gamble PAD014391874	S01	4/29/83	7/29/83 Rev. 11/10/83 Rev. 4/05/85 Rev. 8/16/84 Rev. 5/09/85	5/24/84* 1/23/85	3/07/85* 5/30/85DP	-	-	-	Draft permit sent to EPA 6/25/85
Fitchburg Coated Products PAD053678959	S01	4/29/83	4/29/83	5/21/84* 3/01/85* 6/11/85*	6/05/84* 3/01/85* 7/25/85 DP	-	-	-	Withdrawal received 7/16/85. Permit denial drafted.
Tobyhanna Army Depot PA5213820892	S01 S02 S03 T01	9/15/83	9/15/83	7/25/85*	-	-	-	-	
Tonolli Corporation PAD073613663	S04 D80 S02 T01	5/30/85	5/03/85 (New application)	8/28/85*					

Wilkes-Barre

PENNSYLVANIA HAZARDOUS WASTE  
MILESTONE CHART  
AUGUST, 1985

Facility Name & I.D. Number	Process Codes	Part B Due Date (Includes extensions)	Part B Received (revised applications)	Application Completeness Review denotes Notice of Deficiency)	Application Technical Review denotes Notice of Deficiency)	Advertisement of Public Hearing or Intent to Permit/Deny	Public Hearing (Date held)	Final Permit Issued or (Date of Reg action)	Review Status (Withdrawal date of or other Important comment)
Keystone Chemical PAD000647735	S01				-	-	-	-	Permit denial for disposal drafted and sent to EPA 4-11-85.
	S02								
	T01	5/12/85	6/07/85						
	S03		(New application)						
Safety Kleen PAD084872043	S01		10/5/83	5/23/84*	6/05/84*	-	-	-	
	S02								
Atlas Powder PAD071203046	S01	4/18/83	10/17/83	6/04/84*	-	-	-	-	
	T01			12/03/84					
	T04								
ICI Americas PAD000797928	T04	12/13/85							

Harrisburg

PENNSYLVANIA HAZARDOUS WASTE  
MILESTONE CHART  
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E.I. Dupont - Berg Electronics PAD000796334	S01 S02	4/13/83	4/8/83 Rev. 2/08/84 Rev. 7/26/84	7/08/83	1/17/84* 4/19/84 DP 7/02/84* 11/30/84 12/14/83* 6/18/84* 1/23/85*	-	-	-	EPA/DER review of DP 6/06/84.
BMV - York PAD003025418	S01 S02	4/13/83	4/13/83 Rev. 1/30/84 Rev. 7/26/84 Rev. 7/01/85	7/08/83	12/14/83* 6/18/84* 1/23/85*	-	-	-	EPA/DER joint meeting on 1/9/85 with BMV.
McKesson Chem. Co. Hummelstown PAD14231005	S01	5/5/83	5/6/83 Rev. 7/30/84	7/13/83	1/05/84* 5/16/84*	8/08/84	9/17/84	-	Bond submitted 4/24/85.
Hamilton Technology PAD000800680	S01 S02 T01 T04	4/14/83	4/29/83	7/07/83	2/28/84* 5/04/84*	-	-	Closed	Requested withdrawal 7/84.
Industrial Wastes Removal, Inc. PAD067098822	S01 S02	04/13/83	3/25/83 Rev. 1/31/84 Rev. 3/29/85 Rev. 8/05/85	7/08/83	1/19/83* 6/27/84* NOV	-	-	-	EPA/DER joint meeting with IWR on 1/23/85.
Safety Kleen New Kingston PAD000738823	S01 S02	5/5/83	5/5/83 Rev. 2/21/85	7/13/83	7/27/84*	-	-	-	
AMP - Landisville PAD980554778	S01 S02	5/5/83	6/6/83 Rev. 4/09/84 Rev. 8/01/84	2/02/84*	7/24/84* 6/13/85	9/84	-	-	Draft permit/Sept.
Harley Davidson PAD001643691	S01 S02	4/19/83	5/5/83 Rev. 4/09/84	7/13/83		-	-	-	Meeting held 2/24/84 regarding revision of Part B.

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Bethlehem Steel Corp.-Steelton PAD003026531	S03	5/5/83	5/5/83	7/07/83	-	-	-	-	Consent Order and Agreement being revised.
Union Molycorp PAD003025624	S01	4/19/83	4/29/83 Rev. 1/06/84	12/28/83*	-	-	-	-	Part B returned by EPA
HOWMET Aluminum PAD049029697	S02 T03 T04	5/5/83	4/8/83 Rev. 1/20/84	12/28/83*	-	-	-	-	
Armstrong World Industries PAD001307792	S01 S02 T01 T04	5/5/83	5/18/83 Rev. 1/19/84	12/29/83*	-	-	-	-	
New Cumberland Army Depot PA8213820642	S01 S02 T01		6/29/83 Rev. 1/23/84	12/29/83*	-	-	-	-	
Navy Ship Parts PA3170022104	S01	5/5/83	6/22/83 Rev. 1/23/84	12/29/83*	8/24/84*	-	-	-	EPA/DER joint meeting with NSP on 11/07/84.
Alcoa Fasteners PAD003026663	T01 S04	7/15/83	6/15/83 Rev. 1/18/84 Rev. 1/14/85	12/28/83*	-	-	-	-	DER meeting with ALCOA 1/30/85; CO&A being prepared.
McKesson Chemical Duncansville PAD000765412	S01	10/5/83	10/24/83	10/28/83	-	8/08/84	-	-	Bond submitted 4/24/85.

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Berkley Products PAD003003894	S01 S02 T04	4/19/83	4/19/83	12/19/83	-	-	-	-	
Letterkenny Army Depot PAD62138 2053	S01 S02 T03 T04	7/30/83	8/18/83 Rev. 2/08/85	4/09/84*	-	-	-	-	Part B being revised to include impoundment.
Liquacon/Envirite PAD010154045	S02 T01	4/19/83	5/27/83	4/20/84*	-	-	-	-	
Caterpillar Tractor PAD005569538	S01 S02 T01	8/31/83	9/1/83	4/19/84*	-	-	-	-	
AMP - Harrisburg PAD980550172	S01	5/5/83	6/6/83	6/01/84*	-	-	-	-	
AMP - Carlisle PAD041895566	S01	5/5/83	6/6/83	5/11/84*	-	-	-	-	Requested Part B withdrawal; protective filer.
AMP - Williamstown PAD041895749	S01 S02	5/5/83	6/6/83	5/11/84*	-	-	-	-	Requested Part B withdrawal; protective filer.
AMP - Elizabethtown PAD990823858	S01	5/5/83	6/6/83	6/04/84*	-	-	-	-	
AMP - Glenrock PAD044211223	S01	5/5/83	6/6/83	-	-	-	-	-	Requested Part B withdrawal; protective filer.



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National Standard PAD003023371	S04	5/5/83	8/29/83	5/11/84* 1/28/85* 5/22/85*	7/31/84*	-	-	-	
Industrial Solvents & Chemical Co. PAD098732118	S01 S02	4/19/83	4/19/83 Rev. 1/18/84	12/29/83*	-	-	-	-	Operational problems. Pending Consent/ Order Agreement.
Envirosafe Services of Pa, Inc. (Narvon) PAD980707624	S02 S03 S04 T01 T04 D80	-	10/25/83	11/23/82	4/20/83 (Phase I)			Denied 4/27/83	Request for variance submitted 2/08/84.
Lanchester Corp.	D80	-	2/25/83	4/13/83					Application returned- incomplete.
Heritage Metal Finishing PAD003012077	S01 T01	4/19/83	4/19/83	6/15/84*					Requested withdrawal.
C&D Batteries PAD056771405	S01 S02	5/5/83	5/24/83	4/19/84*				Closure plan approved	Requested withdrawal.
Raymark PAD098737737	S01 D80	12/02/83	12/08/83	6/01/84*	3/01/85*				Variance submitted; requested withdrawal for storage area.
Capital Lubricants Co. Inc. PAD980537609	S02		6/28/84						

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Rutgers-Nease PAD000436261	S01	4/13/83	4/13/83 Rev. 8/04/83	7/08/83* 8/04/83	8/17/83* 1/04/84	1/23/84	3/7/84	6/02/84	Issued.
Corning Glass State College PAD043891530	S01	4/27/83	5/18/83 Rev. 9/08/83	7/11/83* 9/08/83	10/27/83* 11/14/83*	5/25/84	-	8/22/84	Permit denied.
Rockwell #1 PAD004335469	S01	4/27/83	5/12/83 Rev. 9/21/83	7/14/83* 9/21/83	4/11/84*	8/14/85	-	-	DER/EPA Joint Meeting on 7/30/85.
Rockwell #2 PAD980714208	S01	4/27/83	5/18/83 Rev. 9/21/83	7/14/83* 9/21/83	-	-	-	closed	
Pure Carbon PAD002103273	S01	4/25/83	4/25/83	9/22/83* 2/22/84	-	-	-	closed	
E.I. Dupont-Towanda PAD003088056	S01 S02	4/15/83	4/13/83 Rev. 10/14/83 Rev. 11/15/83 Rev. 1/19/84	7/16/83*	7/23/84*	-	-	-	DER/EPA Joint Meeting at site 7/29/85.
Milton Mfg. PAD0050917186	T04	4/25/83	4/18/83 Rev. 11/02/83	7/15/83* 11/02/83	4/02/84* 9/84 DP	-	-	-	
Merck & Co. PAD003043353	S01 S02 T03	4/13/83	4/12/83 Rev. 11/02/83	8/10/83* 11/02/83 10/01/84	5/09/84* 9/00/84	9/28/84 8/14/85		8/22/85	Permit issued.

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Cerro Metal Prods. PAD086733540	T01	4/15/83	4/15/83 Rev. 9/29/83	8/27/83* 9/29/83	-	-	-	-	Requested withdrawal on 12/12/83; PBR.
PA Pressed Metals PAD002131837	S01	4/27/83	4/27/83	10/26/83*	-	-	-	Closed	
North American Car PAD082038480	S01 S02	4/27/83	3/07/83 Rev. 7/11/83	3/18/83* 2/06/84* 1/24/85	-	-	-	-	Requested to withdraw; closure plan submitted 7/17/85.
Koppers Co. PAD056723265	S01 S04	4/25/83	5/18/83 Rev. 10/12/83	9/6/83* 10/12/83	8/22/85	-	-	-	

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Ecology Chemical and Refining Co. PAD065636342	S01	4/19/83	4/11/83 Rev. 8/11/83	5/23/83* 9/15/83	5/15/84*	-	-	Closed	Applicant withdrew on 6/18/84
PPG Industries R&D Springdale PAD000650366	S01 T01	4/19/83	4/11/83 Rev. 10/18/83 Rev. 5/04/84	5/18/83* 10/18/83	2/29/84* 6/28/84 DP	6/28/84	-	-	Draft permit sent to EPA
Ashland Oil Freedom PAD000797563	S01 S02	4/19/83 Rev. 3/27/84	4/25/83	10/17/83* (Application returned)	-	-	-	-	New application received 3/27/84.
Calgon Neville Twp. PAD007369942	S02	4/19/83	4/12/83 Rev. 5/15/84 Rev. 1/03/85 Rev. 4/11/85	11/3/83* 3/28/84* 6/05/84	2/27/85	-	-	-	
PPG Industries Springdale PAD004336319	S01 T04	4/19/83	4/19/83 Rev. 10/05/84	9/07/84* 3/08/85	-	-	-	-	
McKesson Chemical Co. Coraopolis PAD061779815	S01	8/15/83	8/22/83 Rev. 3/18/84	1/31/84*	7/05/84* 7/26/84 DP 12/28/84*	8/08/84	-	-	Draft permit sent to EPA
General Electric Bridgeville PAD060682622	S01	8/18/83	8/18/83 Rev. 5/25/84 Rev. 10/11/84	3/23/84* 6/05/84	8/15/84* 8/17/84 DP	-	-	-	Draft permit sent to EPA
E I DuPont Dunbar Twp. PAD000800276	T04	8/18/83	8/15/83 Rev. 6/20/84	5/03/84* 4/30/85*	-	-	-	-	Applicant withdrew 5/22/85

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Fisher Scientific PAD004321527	S01	8/18/83	8/15/83	6/19/85*	-	-	-	-	
Brown Boveri Electric, Inc. Greensburg PAD082957127	S02	8/18/83	8/15/83	5/29/84*	-	-	-	Closed	Applicant withdrew 6/22/84.
Edgewater Steel Oakmont PAD074966789	D80	4/19/83	4/19/83	12/19/83*	-	-	-	-	Applicant withdrew 7/00/84.
Union Switch and Signal Div. PAD000001115	S01	8/29/83	8/30/83 Rev. 6/26/84	4/13/84*	-	-	-	-	
Koppers Co. Penn Hills PAD980554950	S01	8/18/83	8/18/83		-	-	-	-	
Shenango Inc. Neville Twp. PAD004337465	S01 S02 T01	8/18/83	8/22/83	5/03/84*	-	-	-	-	
Municipal and Industrial Disposal PAD000436014	D80 S03	4/19/83	2/1/83	5/04/83* 12/16/83 11/27/84	11/27/84*	-	-	1/04/85	Permit denied; under Consent Order & Agreement.
Mill Service Bulger PAD059087072	D80 D83 S02 T01	4/19/83	4/22/83 Rev. 1/17/84 Rev. 6/29/84	10/18/83* 2/14/84	-	-	-	-	Consent Order for closure signed.

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Mitt Service Yukon PAD004835146	D80 D83 S02 S03 T01	4/19/83	4/22/83 Rev. 1/17/84 Rev. 6/29/84	10/24/83* 2/10/84* 5/29/85	-	-	-	-	Consent Order for closure signed.
Kelly Run PAD004810222	D80	4/19/83	5/4/83	8/22/83*	6/10/85 (Draft Denial)	-	-	10/26/84 Closure Plan Received	Consent Order signed 8/24/84.
Gulf Oil Harmerville PAD072154479	T04	8/18/83	8/22/83 Rev. 5/21/84	3/09/84*	7/09/84*				Applicant withdrew on 8/00/84.
Corning Glass Charleroi Twp. PAD004326542	S01 T01 T04	9/2/83	9/2/83	10/09/83*	-	-	-	-	Requested withdrawal 2/04/85.
Safety Kleen Pittsburgh PAD000738815	S01	8/18/83	8/15/83 Rev. 12/18/84	11/09/84*	-	-	-	-	
AMO Pollution Services Cecil Twp. PAD038966230	S01	9/7/83	9/9/83 10/26/84	6/08/84* 7/03/85	-	-	-	-	
J & L Aliquippa PAD000805028	D80 S02	4/19/83	4/20/83 Rev. 10/15/83	8/12/83* 10/19/83	-	-	-	-	Negotiating a Consent Order of closure.

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Bethlehem Steel East Taylor Twp. PAD004344222	D80 S03	4/19/83	4/18/83 Rev. 12/15/83	8/30/83* 2/10/84	-	-	-	-	Negotiating a Consent Order of waste pile.
Bethlehem Steel Franklin Boro PAD980831333	S02 S01 T04	4/19/83	12/15/83	-	-	-	-	-	
Koppers Bridgeville PAD063764898	S01	4/19/83	4/13/83 Rev. 5/15/84	1/05/84*	-	9/28/84 EPA	-	Requested withdrawal 4/04/85	Letter to EPA 11/15/84 recommends delaying permit issuance.
Molycorp PAD030068282	S04	4/19/83	7/15/83 8/17/84	11/15/83* (Appli- cation returned) 7/24/84 NOV	-	-	-	-	Meeting with applicant 2/27/85.
Robert Shaw Control Co. - Youngwood PAD004316832	S01 S02 T01	2/18/84	2/16/84	-	-	-	-	-	
Westinghouse Insulating Materials Div. - Manor Boro. PAD005000591	S01 S02 T03	1/26/86		-	-	-	-	-	
Combustion Engineering Cecil Twp. PAD045873197	S01 S02	3/18/84		-	-	-	-	-	Requested withdrawal 2/23/85.

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Envirotrol Inc. Beaver Falls PAD980707007	S01 S02	8/06/84	8/03/84	-	-	-	-	-	
Delta Coal Sales Summit Twp. PAD085523850	S01 S02	1/17/84	1/4/84	-	-	-	-	-	
Koppers Monroeville PAD082245754	S01	10/19/84	10/12/84	-	-	-	-	-	
Bres Lube - Penn PAD980690796	S02	6/07/84	9/07/84	10/12/84*	-	-	-	Withdraw	NOV sent 7/24/84 for late application.
Hydrocarbon Refining Inc.	S01	7/19/83	9/27/84 11/15/84 Rev. 11/30/84	11/05/84* (Application returned)					Application fee returned for insufficient funds; review stopped.
Safety Kleen Stoystown	S01	8/18/83	4/01/85						
Mill Service Yukon Impoundment #6 PAD004835146	D83	New	6/28/84	5/29/85					Contractor review.



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Corning Glass Works PAD046762258	S01	4/13/83	2/17/83 Rev. 1/09/84	9/15/83* 2/17/84*	9/15/83* 2/17/84*	5/25/84	-	8/09/85	Permit denied.
Mine Safety Appliances Co., Inc. PAD004322913	S01 T04	7/13/83	7/11/83 Rev. 11/01/83 Rev. 6/01/84	9/9/83* 4/06/84* 4/24/84*	-	-	-	-	
Roessing Bronze Co. PAD000765651	T04	7/13/83	7/14/83 Rev. 10/31/83 Rev. 6/29/84	9/26/83* 5/11/84* 1/03/85	1/03/85*	-	-	-	
Safety-Kleen-Erie PAD086673407	S01	8/01/83	8/04/83 Rev. 6/28/84	9/23/83	4/26/84 -	-	-	-	
General Electric Co. Grove City PAD052920908	S01	7/19/83	10/19/83 Rev. 11/09/83	4/05/84*	-	-	-	-	
Quaker State Emlenton PAD004337127	S02	10/23/83	10/21/83 Rev. 12/15/83 Rev. 2/6/85	11/14/83* 3/30/84 12/05/84	12/05/84*	-	-	-	
Pure Carbon Co. PAD002103265	S01	10/18/83 Rev. 3/07/84	10/25/83	1/12/84* 4/13/84*					Requested withdrawal on 5/15/84.
FBC Corporation PAD053160297	S01	9/17/83	10/05/83 Rev. 1/03/85	3/13/84	1/04/85*	-	-	-	Public hearing requested.
Pennzoll PAD004329835	S01 S02	5/16/83	11/21/83	3/30/84	-	-	-	-	Complete.

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Quaker State McKean PAD046761763	S01 S02	10/23/83	10/21/83	11/10/83* 3/30/84* 1/21/85	1/21/85*	-	-	-	
Witco Chemical Butler PAD004388500	T02	6/14/83	10/04/83 Returned 2/06/84	12/13/83*				1/12/84	Application withdrawn 1/12/84 after meeting with applicant.
General Electric Erie PAD006033055	S01 S02 T01 T02 D80	4/13/83	4/20/83 Rev. 10/19/83 Rev. 11/09/83 Rev. 6/04/84 Rev. 2/08/85	8/29/83* 4/11/84* 6/12/84	12/11/84*	-	-	-	
National Forge Irvine PAD002101418	D80	4/25/83	4/25/83 Rev. 11/09/83	9/19/83* 4/05/84	-	-	-	-	Notice of Violation sent on 4/05/84.
Stackpole Corp. St. Marys PAD063652820	S01 S04 T01 D83	4/28/83	10/17/83	10/31/83* 4/20/84*	-	-	-	-	Returned confidential portion 11/83; no response.
Inmetco PAD087561015	S02 T01	4/25/83	5/06/83 Rev. 11/22/83	10/17/83* 5/31/84* 6/11/84*	-	-	-	-	
Sechan Limestone Industries, Inc. PAD002860377	T04 D80	9/17/83	10/7/83 Rev. 1/20/84 Rev. 1/23/84 Rev. 2/2/84	11/23/83* 12/02/83* 12/23/83* 4/13/84*	6/04/84*	-	-	-	