

**PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**STATEWIDE DIRECTORY OF CITIZENS'  
VOLUNTEER MONITORING PROGRAMS**



Commonwealth of Pennsylvania  
Tom Ridge, *Governor*

Department of Environmental Protection  
James M. Seif, *Secretary*

FIRST EDITION

# INTRODUCTION

Insert Picture #1

Many energetic, hardworking citizens—adults and children alike—voluntarily monitor a variety of surface and groundwater resources. These include rivers, streams, lakes, ponds, wetlands, estuaries, beaches and wells. They often have multiple sampling stations in or on numerous waterbodies.

Volunteer monitoring is an integral part of comprehensive statewide water protection. By monitoring water quality, citizen volunteers empower themselves and their communities to become better water stewards. Volunteers are able to supplement government monitoring programs by providing information immediately following a storm or on waterbodies in remote areas. Resource agencies can more effectively manage and protect Pennsylvania's aquatic resources with the active, positive cooperation of an educated public.

Based on the results of a department survey, there are more than 60 groups actively monitoring surface and groundwater resources in the Commonwealth. The number of sampling stations monitored by volunteers exceeds 1,300. Nearly 6,000 individuals are actively monitoring, and citizens' volunteer monitoring groups are spending in excess of \$2 million statewide to learn more about the quality of our waters.

This directory is a compilation of all the monitoring groups across the state. It is hoped that it will lay the groundwork for a statewide network of volunteers working together to become better stewards of water resources. Established volunteer monitoring groups may wish to locate other groups facing similar challenges, while those new to monitoring may use it as a source to model their program. This directory includes a brief profile of each group that responded to the survey. Groups are listed alphabetically by their name in Appendix A. There is a contact name with phone, fax and INTERNET address, if applicable, for each program.

Appendices are included that sort groups according to the subbasin in which they monitor (Appendix B), the type of waterbody they monitor (Appendix C) and the parameters they monitor (Appendix D). Programs are also grouped by County (Appendix E) and DEP Region (Appendix F).

If your monitoring program is not listed, please fill out the survey form included in Appendix H and return it to DEP's Citizens' Volunteer Monitoring Coordinator. Periodic updates to the directory will be issued. The directory is also available on the internet and will be updated as information is received. Contact DEP's website at <http://www.dep.state.pa.us>

In considering the statistics that follow, remember that the information is based on the responses to the survey. There are undoubtedly programs not included in this directory, and the data are only as good as the responses on the survey form. Some respondents left some questions unanswered. Therefore, many of the statistics are not based on the entire database but include only those programs that supplied a response in a certain category.

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Related environmental information are available electronically via Internet. Access the DEP website at <http://www.dep.state.pa.us> (choose Information by Subject/ Water Management/Watershed Conservation/Watershed Support).

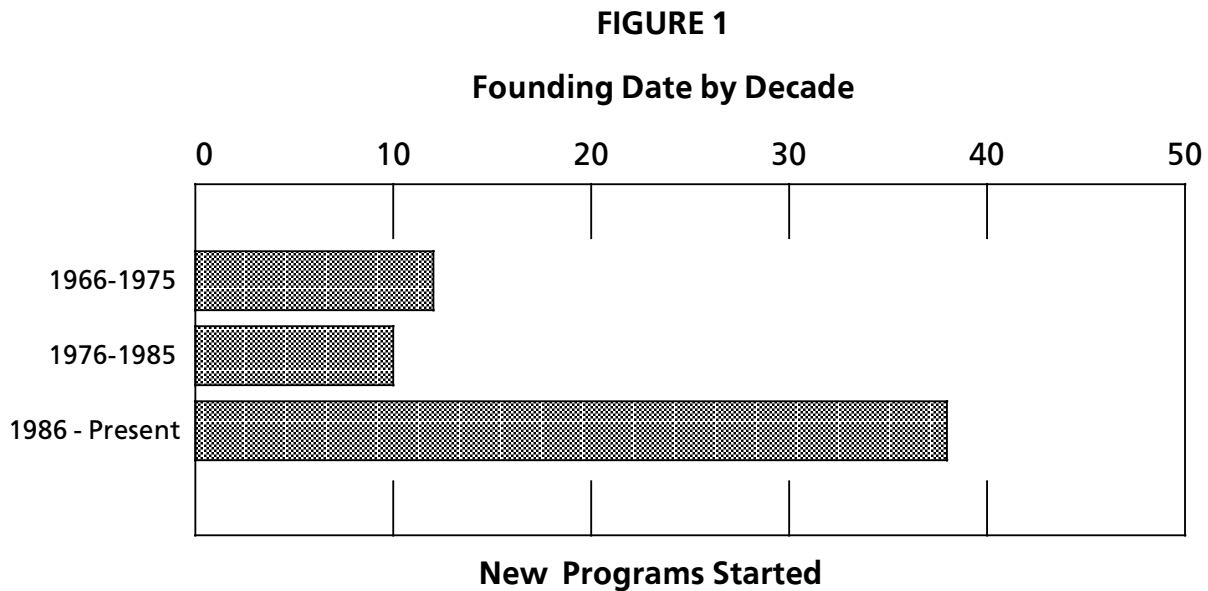
# VOLUNTEER MONITORING

## FOUNDING DATES OF PROGRAMS

Citizens' Volunteer Monitoring is hardly a new concept in Pennsylvania. The Allegheny Mountain Chapter of Trout Unlimited has been monitoring aquatic resources for the past 31 years. Concerned citizens formed the Toby Creek Watershed Association in 1967 and continue to monitor Little Toby Creek today.

Particularly impressive is the longevity of the programs coupled with the dedication of individuals who have been personally monitoring a stream stretch for 10 or more years.

Figure 1 below depicts the number of programs started per decade beginning with 1966.



According to the results of the survey, 38 new groups or 60 percent of the total have organized since 1986. This may indicate a dramatic increase in numbers. However, the survey which was initiated in 1995 and updated in 1996/97, is largely applicable to groups actually monitoring or planning to monitor at the time of the survey.

Theoretically, many groups may have formed in the preceding three decades and completed their activities prior to the 1995 survey request.

The most recently formed group represented in the survey—the Donegal Chapter of Trout Unlimited—began monitoring activities in the spring of 1997.

INSERT PICTURE #2

## **GEOGRAPHICAL DISTRIBUTION OF VOLUNTEER MONITORING GROUPS**

The response to the survey revealed a widespread distribution of volunteer monitoring activities throughout Pennsylvania.

The map in Figure 2 depicts approximate locations of monitoring programs within the eight major watersheds that drain Pennsylvania. The largest number of groups represented in this survey have their headquarters in the watershed that covers nearly half of Pennsylvania—the Susquehanna. Twenty-six groups are located within the Susquehanna River Basin. The watershed that covers the third largest acreage in the state - the Delaware Basin - is home to 19 groups, followed by the Ohio with 13 groups and Lake Erie with two.

### **DISTRIBUTION OF VOLUNTEER MONITORING PROGRAMS WITHIN PA'S WATERSHED**

**Insert Map from Newsletter (slide)**

**Figure 2**

Note that this map depicts the approximate locations of volunteer monitoring program "headquarters" or mailing addresses. See Appendix B for more detailed locations of actual monitoring activities.

Many groups responding to the survey monitor in several watersheds on numerous waterbodies. Some "umbrella" organizations such as the Pennsylvania State Parks Water Quality Monitoring Network (WQM) and the Alliance for Aquatic Resource Monitoring (ALLARM) have volunteers monitoring throughout the state. Additionally, the Western PA Coalition for Abandoned Mine Reclamation (WPCAMR) has programs throughout western Pennsylvania.

See Appendix B for more specific information on the location of monitoring activities by various programs.

Citizens' volunteer monitoring groups are actively monitoring in 47 of PA's 67 counties (See Appendix E). DEP's Southcentral Region has the greatest number of programs actively monitoring within its boundaries.

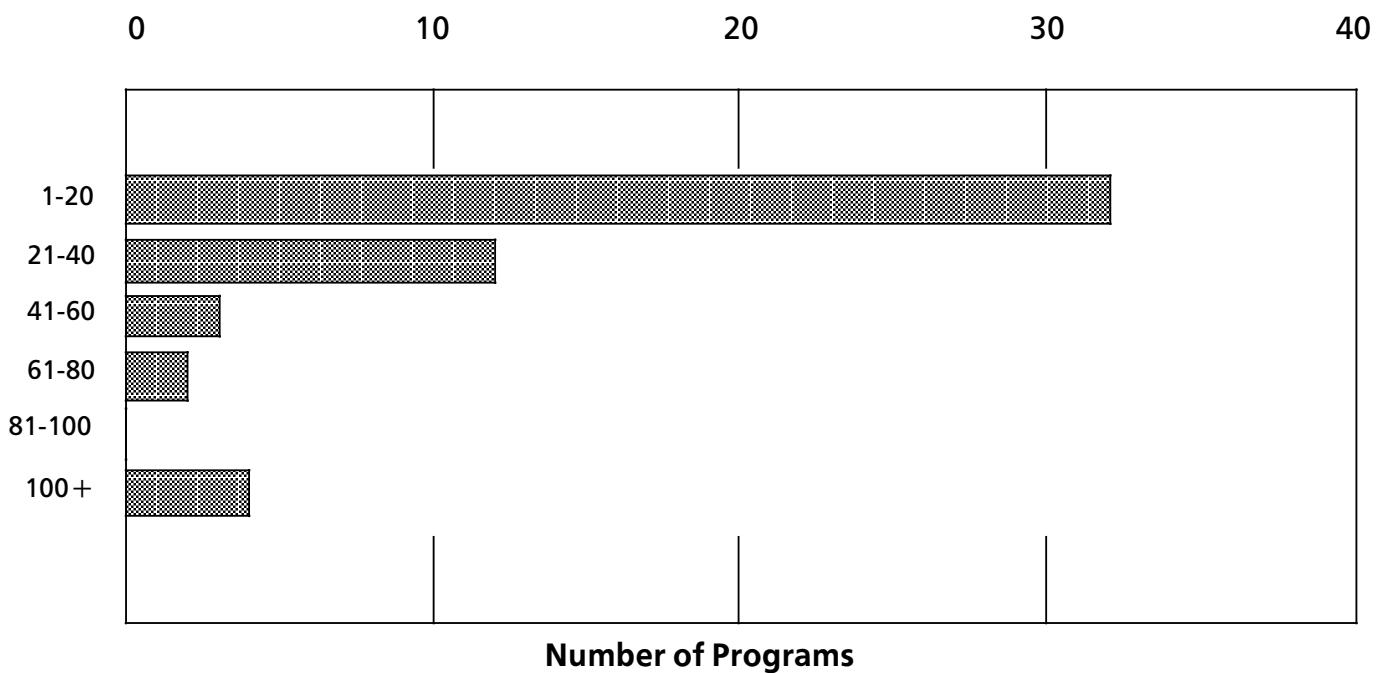
INSERT PICTURE #3

### PROGRAM SIZE

The number of volunteers per program tends to be fairly small. The median size is 20, with 31 of the 55 groups (54 percent) having 20 or fewer members (See Figure 3). This tends to underscore the grassroots nature of most volunteer monitoring efforts. Many programs consist of a small group of concerned citizens monitoring a neighborhood stream stretch.

FIGURE 3

### NUMBER OF VOLUNTEERS IN PROGRAM



## SCHOOL INVOLVEMENT

A large number of programs indicated some level of involvement with schools: 28 percent work with elementary schools, 68 percent work with middle or high school students and 38 percent work with colleges or universities.

A monitoring project provides a unique educational opportunity. Students can learn about real-world environmental issues and develop a sense of stewardship for local resources while practicing hands-on science. The Bureau of State Parks in the Department of Conservation and Natural Resources, WQM Program was established in 1972. It involves 43 school groups largely at the middle school level (See Appendix G).

INSERT PICTURE #4

## FUNDING

Survey findings about the annual budgets and source of revenue for volunteer monitoring tends to underscore the strong local and grassroots nature of the movement in Pennsylvania. Although the range for budgets is from \$0 - \$1 million, the median approximate annual budget is \$3,000 with many groups operating on \$500 or less.

The source of funding also reinforces the concept of community concern and ownership of local resources. Figure 4 below illustrates funding sources. Thirty-six groups or 51 percent of the total number reporting choose "other" as a source of funding which is nearly always local. Common examples include: school districts, community based fund raising events and municipal agencies.

In addition, 14 groups reported that 50 percent or more of their total funding comes from membership dues, while nine groups indicated that 100 percent of their funding comes from dues.

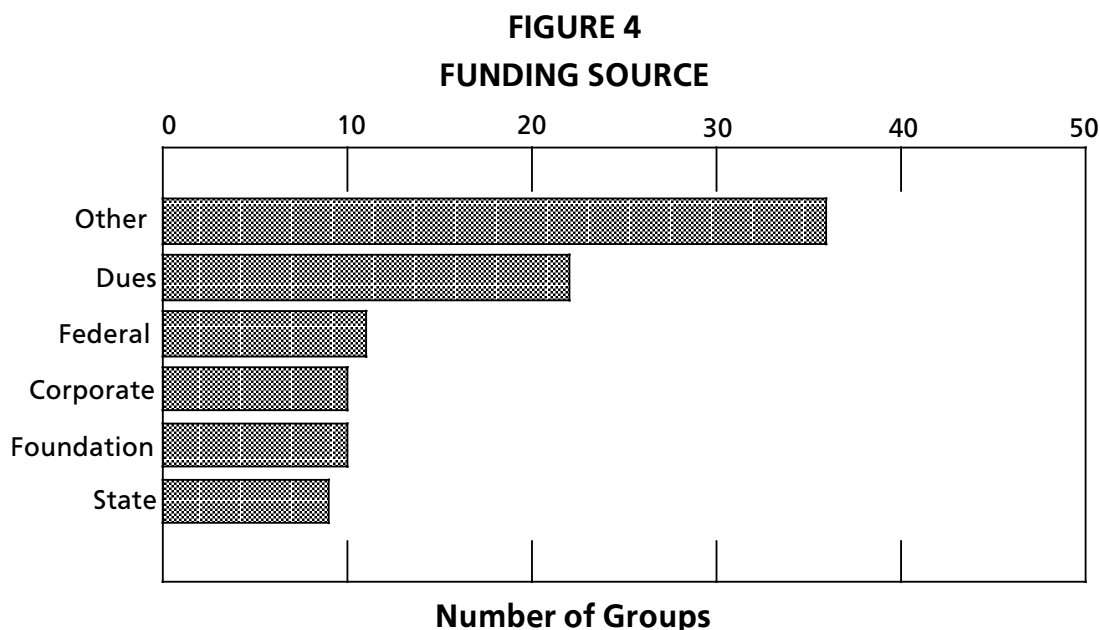


Figure 4 - Funding Source for Program Annual Budget - "Other" typically indicates a community support source.

## AFFILIATIONS

Many groups indicated strong affiliations with other organizations such as county conservation districts, Trout Unlimited, the Stroud Water Research Center, and the Western Pennsylvania Coalition for Abandoned Mine Reclamation. Fourteen groups or 22 percent of the total listed a conservation district as an ally in their monitoring efforts.

## DATA USE

Survey responses regarding how data is used and who uses the data again supports the concept of a grassroots movement that fosters stewardship of community resources.

The top two uses of data (see Table 1), education and problem identification, primarily reflect local concerns. Groups are attempting to educate themselves about their local water resources and collect baseline data to detect trends that signal problems in the watershed.

**TABLE 1  
DATA USES RANKED IN  
ORDER OF FREQUENCY**

<b>DATA USES</b>	<b>NUMBER OF PROGRAMS</b>
Education	49
Problem Identification	38
Non-Point Assessment	32
Local Decision Making	30
Research	30
Watershed Planning	27
Habitat Restoration	25
Water Classification/Standards	9
Enforcement	7
Legislation	2
305(b)	2

The large number of groups using data for nonpoint assessment and habitat restoration indicates a trend toward concern for entire watersheds.

Many groups monitor as part of a larger program that includes education, outreach, stream cleanups and restoration or enhancement activities.

**INSERT PICTURE #5**



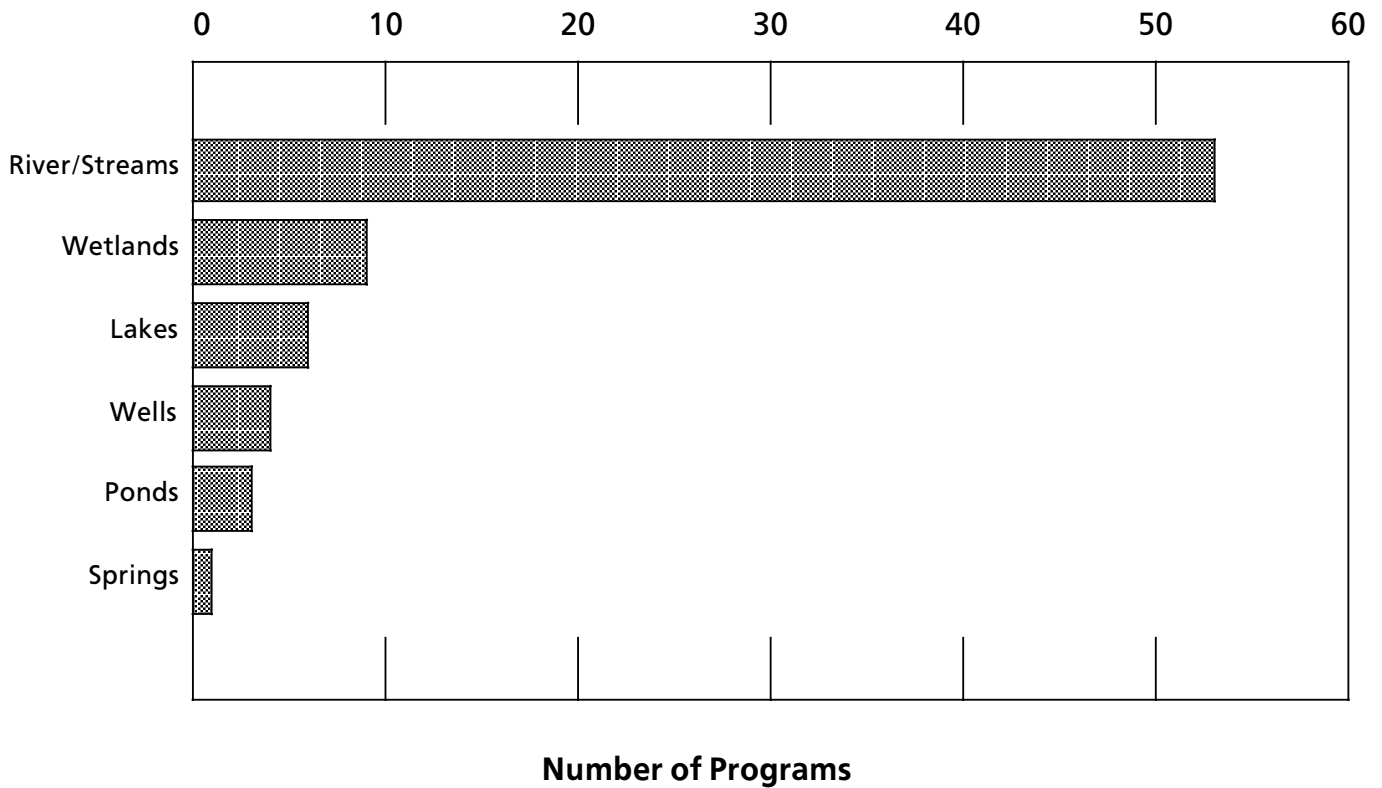
## ENVIRONMENTS MONITORED

With nearly 54,000 stream miles in Pennsylvania, it is not surprising to find that nearly 90 percent of all groups reported monitoring of a stream or river (see Figure 5), while 25 percent indicated they are assessing a stream in conjunction with a wetland, lake or groundwater source. Again, this supports a move towards a whole-watershed approach.

Groups are sorted according to environment monitored in Appendix C.

**FIGURE 5**

### PROGRAMS MONITORING EACH ENVIRONMENT



INSERT PICTURE #6

## PARAMETERS MONITORED

TABLE 2

### TOP TEN RANKED PARAMETERS

PARAMETER	NUMBER OF PROGRAMS	PARAMETER	NUMBER OF PROGRAMS
1. pH	50	6. Alkalinity	33
2. Water Temperature	46	7. Phosphates	32
3. Dissolved Oxygen	40	8. Hardness	26
4. Macroinvertebrates	35	9. Flow Gauge	23
5. Nitrates	34	10. Turbidity	21

Table 1 shows the ranking of the top 10 parameters monitored and the total number of programs involved. For a complete listing of parameters monitored by each group, see the profiles of individual groups that follow. Appendix D contains a listing of groups by parameter.

Considering the large number of groups that monitor streams, it is expected that parameters frequently monitored to assess the health of flowing waters, such as pH, water temperature and dissolved oxygen, would rank highest.

The ranking indicates a trend toward biological assessment with macroinvertebrates high on the list at number 4. A large number of groups (35) are already involved in macroinvertebrate sampling, and the phone survey update revealed even more interest in this parameter. It is likely that future volunteer monitoring programs will add biological evaluations as they turn toward an examination of the effect nonpoint source pollution has on Pennsylvania's waters.

INSERT PICTURE #7

## CONCLUSION

This directory has established some baseline data on the status of citizens' volunteer monitoring in Pennsylvania. The data points towards a positive, growing movement that has the potential for adding a powerful dimension to environmental protection.

Being informed is the best defense against environmental degradation. Volunteer monitoring offers an exciting opportunity for individuals to take responsibility for their environment. A well thought out monitoring plan can assist citizens in making intelligent decisions about actions to ensure a healthy environment for present and future generations.

For more information, contact DEP's Citizen's Volunteer Monitoring Program at 717 787-3730 or via email at [Wilson.diane@a1.dep.state.pa.us](mailto:Wilson.diane@a1.dep.state.pa.us)

INSERT PICTURE #8

## **APPENDIX A**

### **PROFILES OF GROUPS**

**The Subbasins listed at the lower central portion of each profile refer to the State Water Plan. A composite map of these subbasins can be found at the front of Appendix B.**

# ALLEGHENY MOUNTAIN CHAPTER - TROUT UNLIMITED

Address:  R.D. #3, Box 250-C DuBois, PA 15801-8834	Phone: 814-371-5830
	FAX: N/A
	INTERNET ADDRESS: N/A

Program Administration			
Program Coordinator(s): Allan W. Wilja and Harvey Graham			
Program Affiliate(s):			
Year Founded: 1966	Staff: 12	Active Volunteers: 15-20	

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$6,000	State:	Foundation:	Dues: 20
	Federal:	Corporate:	Other: 80

Data Used For	<input checked="" type="checkbox"/> Nonpoint Assessment	<input checked="" type="checkbox"/> Water Classification/Std	School Involvement
<input checked="" type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input checked="" type="checkbox"/> Elementary
<input checked="" type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle
<input type="checkbox"/> Research	<input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By	Notes
<input type="checkbox"/> Local Government <input type="checkbox"/> Academics <input type="checkbox"/> State Government <input checked="" type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	This group is involved with a variety of water quality protection issues.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	20	4
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature		Pesticides	
pH	A	Chlorophyll	
Hardness	A	Aquatic Vegetation	A
Turbidity		Macroinvertebrates	
Chlorides	A	Fish	A
Nitrates	A	Coliform Bacteria	
Phosphates	A	Other Bacteria	
TSS/TDS	A	Birds/Wildlife	
BOD		Debris Cleanup	S
Dissolved Oxygen		Rainfall	
Secchi Transparency		Photographic Surveys	A
Alkalinity	A	Pipe Surveys	
Flow/Gauge		Watershed Mapping	A
Salinity		Sediment Assessments	A
Metals	A	Site Inspections	A
Hydrocarbons		Habitat Assessments	A

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   √ - Applicable, but number not given

DEP Region: Northwest, Northcentral      Subbasins: Upper West Branch Susquehanna River and Central Allegheny River (8) & (7)      Counties: Clearfield & Jefferson

# THE ALLIANCE FOR AQUATIC RESOURCE MONITORING (ALLARM)

Address:  Dickinson College, Environmental Studies Dept. P.O. Box 1773 Carlisle, PA 17013	Phone: 717-245-1565
	FAX: 245-1940
	INTERNET ADDRESS: allarm@dickinson.edu

Program Administration			
Program Coordinator(s):	Lauren Imgrund, Associate Director		
Program Affiliate(s):	Dr. Candie Wilderman, Executive Director		
Year Founded:	1986	Staff: 5	Active Volunteers: 500

Total Funding	Percent Funding By Source		
Approx. Annual Budget: 50,000	State:	Foundation:	Dues:
	Federal:	Corporate:	Other:

Data Used For	<input type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	School Involvement
<input type="checkbox"/> Watershed Planning	<input type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input checked="" type="checkbox"/> Elementary
<input type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input checked="" type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input checked="" type="checkbox"/> College/Univ.

Data Used By	Notes
<input type="checkbox"/> Local Government <input checked="" type="checkbox"/> Academics <input type="checkbox"/> State Government <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	ALLARM serves as a technical support center for volunteer watershed organizations, as well as working with our own volunteers to measure water quality. The organization works statewide.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input type="checkbox"/> River/Stream		
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature		Pesticides	
pH		Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity		Macroinvertebrates	
Chlorides		Fish	
Nitrates		Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen		Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable    ✓ - Applicable, but number not given

DEP Region: All

Subbasins: Numerous

County: Numerous

# ALLIANCE FOR THE CHESAPEAKE BAY MONITORING PROGRAM

Address:  225 Pine Street Harrisburg, PA 17101	Phone: 717-236-8825  FAX: 717-236-9019  INTERNET ADDRESS: N/A
---------------------------------------------------------	------------------------------------------------------------------------------

Program Administration			
Program Coordinator(s):	Rebecca J. Weritime		
Program Affiliate(s):	Alliance for the Chesapeake Bay		
Year Founded:	1986	Staff: 1	Active Volunteers: 6

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$1,000	State: Federal: 100	Foundation: Corporate:	Dues: Other:

<b>Data Used For</b> <input type="checkbox"/> Watershed Planning <input checked="" type="checkbox"/> Local Decision Making <input type="checkbox"/> Research	<input checked="" type="checkbox"/> Nonpoint Assessment <input type="checkbox"/> Problem ID <input checked="" type="checkbox"/> Education <input type="checkbox"/> Habitat Restoration	<input checked="" type="checkbox"/> Water Classification/Std's <input type="checkbox"/> Enforcement <input type="checkbox"/> Legislation <input checked="" type="checkbox"/> 305(b)	<b>School Involvement</b> <input type="checkbox"/> Elementary <input type="checkbox"/> Middle/High <input type="checkbox"/> College/Univ.
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------

Data Used By	Notes
<input checked="" type="checkbox"/> Local Government <input checked="" type="checkbox"/> State Government <input checked="" type="checkbox"/> Federal Government <input type="checkbox"/> Academics <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry	This program has collected quality assured data for long-term tracking of changes in water quality on the Conestoga River since 1986. It is part of the Chesapeake Bay Citizens' Monitoring program database.  Data collection is complete. Data analysis and wrap-up are currently underway.  As part of the program, each monitor participated in QA/QC training sessions.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	5	1
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	w	Pesticides	
pH		Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity		Macroinvertebrates	
Chlorides		Fish	
Nitrates	w	Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen		Rainfall	w
Secchi Transparency		Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   ✓ - Applicable, but number not given

DEP Region: Southcentral   Subbasin Lower Susquehanna River (7)   County: Lancaster

# BELL ATLANTIC TELEPHONE PIONEERS CREEK WATCHERS

Address:  4806 Jonestown Road Harrisburg, PA 17109	Phone: 717-777-5387  FAX: 717-777-3684  INTERNET ADDRESS: N/A
-------------------------------------------------------------	------------------------------------------------------------------------------

<b>Program Administration</b>			
Program Coordinator(s): Leni Herr		Program Affiliate(s):	
Year Founded: 1989	Staff: 1	Active Volunteers: 50	

<b>Total Funding</b>	<b>Percent Funding By Source</b>		
Approx. Annual Budget: 0	State: Federal:	Foundation: Corporate:	Dues: Other:

<b>Data Used For</b>	<input type="checkbox"/> Nonpoint Assessment <input checked="" type="checkbox"/> Problem ID <input checked="" type="checkbox"/> Education <input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> Water Classification/Std <input checked="" type="checkbox"/> Enforcement <input type="checkbox"/> Legislation <input type="checkbox"/> 305(b)	<b>School Involvement</b>
<input type="checkbox"/> Watershed Planning <input checked="" type="checkbox"/> Local Decision Making <input type="checkbox"/> Research			<input type="checkbox"/> Elementary <input checked="" type="checkbox"/> Middle/High <input type="checkbox"/> College/Univ.

<b>Data Used By</b>	<b>Notes</b>
<input type="checkbox"/> Local Government <input type="checkbox"/> State Government <input type="checkbox"/> Federal Government <input type="checkbox"/> Academics <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry	This program is in partnership with the Berks County Conservancy, the Lackawanna River Authority and Delaware Riverkeeper.  Monitoring is undertaken on the Wyomissing.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	9	3
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	M	Pesticides	
pH	M	Chlorophyll	
Hardness		Aquatic Vegetation	M
Turbidity	M	Macroinvertebrates	M
Chlorides		Fish	
Nitrates		Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	A
Dissolved Oxygen	M	Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity	M	Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	X

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   √ - Applicable, but number not given

DEP Region: Southcentral

Subbasins: Lower Delaware River (3)

County: Berks

# BELL ATLANTIC TELEPHONE PIONEERS CREEK WATCHERS

Address:  4806 Jonestown Road Harrisburg, PA 17109	Phone: 717-777-5387  FAX: 717-777-3684  INTERNET ADDRESS: N/A
-------------------------------------------------------------	------------------------------------------------------------------------------

<b>Program Administration</b>			
Program Coordinator(s): Leni Herr		Program Affiliate(s):	
Year Founded: 1989	Staff: 1	Active Volunteers: 50	

<b>Total Funding</b>	<b>Percent Funding By Source</b>		
Approx. Annual Budget: 0	State: Federal:	Foundation: Corporate:	Dues: Other:

<b>Data Used For</b>	<input type="checkbox"/> Nonpoint Assessment <input checked="" type="checkbox"/> Problem ID <input checked="" type="checkbox"/> Education <input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> Water Classification/Std <input checked="" type="checkbox"/> Enforcement <input type="checkbox"/> Legislation <input type="checkbox"/> 305(b)	<b>School Involvement</b>
<input type="checkbox"/> Watershed Planning <input checked="" type="checkbox"/> Local Decision Making <input type="checkbox"/> Research			<input type="checkbox"/> Elementary <input checked="" type="checkbox"/> Middle/High <input type="checkbox"/> College/Univ.

<b>Data Used By</b>	<b>Notes</b>
<input type="checkbox"/> Local Government <input type="checkbox"/> State Government <input type="checkbox"/> Federal Government <input type="checkbox"/> Academics <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry	This program is in partnership with the Berks County Conservancy, the Lackawanna River Authority and Delaware Riverkeeper.  Monitoring is undertaken on the Wyomissing.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	9	3
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	M	Pesticides	
pH	M	Chlorophyll	
Hardness		Aquatic Vegetation	M
Turbidity	M	Macroinvertebrates	M
Chlorides		Fish	
Nitrates		Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	A
Dissolved Oxygen	M	Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity	M	Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	X

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   √ - Applicable, but number not given

DEP Region: Southcentral

Subbasins: Lower Delaware River (3)

County: Berks





# BRADFORD COUNTY CONSERVATION DISTRICT

Address:  RR 5, Box 5030C Towanda, PA 18848	Phone: 717-265-5539  FAX: 717-265-7435  INTERNET ADDRESS:
------------------------------------------------------	-----------------------------------------------------------------------

<b>Program Administration</b>			
Program Coordinator(s): Mike Lovegreen			
Program Affiliate(s):			
Year Founded: 1994	Staff: 3	Active Volunteers: 4	

<b>Total Funding</b>	<b>Percent Funding By Source</b>		
Approx. Annual Budget: \$2,500	State:	Foundation:	Dues:
	Federal:	Corporate:	Other: 100%

<b>Data Used For</b>	<input checked="" type="checkbox"/> Nonpoint Assessment <input checked="" type="checkbox"/> Problem ID <input checked="" type="checkbox"/> Education <input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> Water Classification/Std <input type="checkbox"/> Enforcement <input type="checkbox"/> Legislation <input type="checkbox"/> 305(b)	<b>School Involvement</b>
<input checked="" type="checkbox"/> Watershed Planning <input checked="" type="checkbox"/> Local Decision Making <input type="checkbox"/> Research			<input type="checkbox"/> Elementary <input checked="" type="checkbox"/> Middle/High <input type="checkbox"/> College/Univ.

<b>Data Used By</b>	<b>Notes</b>
<input checked="" type="checkbox"/> Local Government <input checked="" type="checkbox"/> State Government <input checked="" type="checkbox"/> Federal Government <input type="checkbox"/> Academics <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry	

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	varies	varies
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input checked="" type="checkbox"/> Lakes	varies	varies
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	✓	Pesticides	
pH	✓	Chlorophyll	
Hardness		Aquatic Vegetation	✓
Turbidity		Macroinvertebrates	✓
Chlorides		Fish	
Nitrates	✓	Coliform Bacteria	
Phosphates	✓	Other Bacteria	
TSS/TDS	✓	Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen	✓	Rainfall	✓
Secchi Transparency	✓	Photographic Surveys	
Alkalinity	✓	Pipe Surveys	
Flow/Gauge	✓	Watershed Mapping	✓
Salinity		Sediment Assessments	
Metals		Site Inspections	✓
Hydrocarbons		Habitat Assessments	✓

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   ✓ - Applicable, but number not given

DEP Region: Northcentral                      Subbasin: Upper Susquehanna River (4)                      County: Bradford

# BRADFORD COUNTY LAKES/PONDS MANAGEMENT ORGANIZATION

Address:  RR 5, Box 5030C Towanda, PA 18848	Phone: 717-265-5539  FAX: 717-265-7435  INTERNET ADDRESS:
------------------------------------------------------	-----------------------------------------------------------------------

<b>Program Administration</b>			
Program Coordinator(s): Mike Lovegreen, Rich Gulyas			
Program Affiliate(s):			
Year Founded: 1993	Staff: 2	Active Volunteers: 50-75	

<b>Total Funding</b>	<b>Percent Funding By Source</b>		
Approx. Annual Budget: \$1,000	State: 25%	Foundation:	Dues: 50%
	Federal:	Corporate:	Other: 25%

<b>Data Used For</b>	<input checked="" type="checkbox"/> Nonpoint Assessment <input checked="" type="checkbox"/> Problem ID <input checked="" type="checkbox"/> Education <input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> Water Classification/Std <input type="checkbox"/> Enforcement <input type="checkbox"/> Legislation <input type="checkbox"/> 305(b)	<b>School Involvement</b>
<input type="checkbox"/> Watershed Planning <input checked="" type="checkbox"/> Local Decision Making <input type="checkbox"/> Research			<input type="checkbox"/> Elementary <input checked="" type="checkbox"/> Middle/High <input checked="" type="checkbox"/> College/Univ.

<b>Data Used By</b>	<b>Notes</b>
<input type="checkbox"/> Local Government <input type="checkbox"/> State Government <input type="checkbox"/> Federal Government <input type="checkbox"/> Academics <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry	The organization is made up of 200+ individuals interested in pond/lake management. Training is provided and monitoring equipment and books are lent to volunteers. A training course outline is available.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	Varies	Varies
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input checked="" type="checkbox"/> Wetlands	Varies	Varies
<input checked="" type="checkbox"/> Lakes	Varies	Varies
<input checked="" type="checkbox"/> Ponds	Varies	Varies
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	✓	Pesticides	
pH	✓	Chlorophyll	
Hardness	✓	Aquatic Vegetation	✓
Turbidity		Macroinvertebrates	✓
Chlorides		Fish	✓
Nitrates	✓	Coliform Bacteria	
Phosphates	✓	Other Bacteria	
TSS/TDS	✓	Birds/Wildlife	✓
BOD		Debris Cleanup	
Dissolved Oxygen	✓	Rainfall	✓
Secchi Transparency	✓	Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge	✓	Watershed Mapping	✓
Salinity		Sediment Assessments	✓
Metals		Site Inspections	✓
Hydrocarbons		Habitat Assessments	✓

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   ✓ - Applicable, but number not given

DEP Region: Northcentral

Subbasin: Upper Susquehanna River (4)

County: Bradford

# BRANDYWINE VALLEY ASSOCIATION, INC.

Address:  1760 Unionville-Wawaset Road West Chester, PA 19382-6751	Phone: 610-793-1090
	FAX: 610-793-2813
	INTERNET ADDRESS: N/A

Program Administration			
Program Coordinator(s):	Harriet Wentz, Barbara Beyerl and Jane Fava		
Program Affiliate(s):	Stroud Water Research Center		
Year Founded:	1997	Staff: 3	Active Volunteers: 40+

Total Funding	Percent Funding By Source		
Approx. Annual Budget:	State:	Foundation:	Dues:
	Federal:	Corporate:	Other:

<b>Data Used For</b>	<input checked="" type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	<b>School Involvement</b>
<input checked="" type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input checked="" type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input type="checkbox"/> Middle/High
<input type="checkbox"/> Research	<input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By	Notes
<input type="checkbox"/> Local Government <input type="checkbox"/> Academics <input type="checkbox"/> State Government <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	<p>The Brandywine Valley Association (BVA) was formed in 1945. It was the first small watershed association in the U.S. The Articles of Incorporation stated that the founders' purpose was "to promote the restoration and conservation of the natural resources by scientific research and by means of education programs and projects".</p> <p>In 1948, BVA contracted with the Academy of Natural Sciences to begin what would become the longest running limnological study of any stream in the world. The initial studies were conducted by Dr. Ruth Patrick.</p> <p>Today BVA is beginning a volunteer monitoring project of the watershed.</p>

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream		
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	A	Pesticides	
pH	A	Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity		Macroinvertebrates	A
Chlorides		Fish	
Nitrates		Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen	A	Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge	A	Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable    √ - Applicable, but number not given

DEP Region: Southeast

Subbasin: Lower Delaware (3)

County: Chester

# BRODHEAD WATERSHED ASSOCIATION

Address:  Box 339 Henryville, PA 18332	Phone: 717-839-1120
	FAX: N/A
	INTERNET ADDRESS: NOSHRIMP@aol.com

Program Administration			
Program Coordinator(s): Kim Hankins, Amy Albert, Jim Hartzler			
Program Affiliate(s):			
Year Founded: 1991	Staff: 0 - 5	Active Volunteers: 100	

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$20,000	State:	Foundation: 39%	Dues: 97%
	Federal:	Corporate:	Other:

Data Used For	<input checked="" type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	School Involvement
<input checked="" type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input checked="" type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By	Notes
<input type="checkbox"/> Local Government <input type="checkbox"/> Academics <input type="checkbox"/> State Government <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	The Citizen <u>Streamwatch</u> program of the Brodhead Watershed Association has at least 100 volunteers who actively monitor the water quality of the watershed at regular intervals at specific points. Many families are involved in the monitoring activities. The Association then brings deviations, that suggest a significant change in upstream water quality, to the attention of the proper authorities

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	130	59
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	M	Pesticides	
pH	M	Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity		Macroinvertebrates	
Chlorides		Fish	
Nitrates	M	Coliform Bacteria	A
Phosphates	M	Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen		Rainfall	W
Secchi Transparency		Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	M
Hydrocarbons		Habitat Assessments	A

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable    ✓ - Applicable, but number not given

DEP Region: Northeast

Subbasin: Upper Delaware River (1)

County: Monroe

# CENTRE COUNTY TECHNICAL SCHOOL

Address:  Environmental Science Program 540 N. Harrison Road Pleasant Gap, PA 16823	Phone: 814-359-2793
	FAX: 814-359-2599
	INTERNET ADDRESS: N/A

Program Administration			
Program Coordinator(s):	Dr. George R. Vanoviak, Instructor		
Program Affiliate(s):	Dr. Edward M. Geer, Administrative Director		
Year Founded:	1995	Staff: 3	Active Volunteers: 32

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$47,720	State:	Foundation:	Dues:
	Federal:	Corporate:	Other: 100%

<b>Data Used For</b>	<input checked="" type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std's	<b>School Involvement</b>
<input checked="" type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input checked="" type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> High
<input checked="" type="checkbox"/> Research	<input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By	Notes
<input checked="" type="checkbox"/> Local Government <input checked="" type="checkbox"/> Academics <input checked="" type="checkbox"/> State Government <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	Studies are carried out primarily on Bald Eagle Creek in Bald Eagle State Park. Additional studies take place on Spring and Axemann Creeks. Lake studies are conducted on Sayers Dam.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	6	1
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input checked="" type="checkbox"/> Wetlands	2	1
<input checked="" type="checkbox"/> Lakes	10	1
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	Q	Pesticides	
pH	Q	Chlorophyll	
Hardness	Q	Aquatic Vegetation	Q
Turbidity		Macroinvertebrates	Q
Chlorides		Fish	A
Nitrates	Q	Coliform Bacteria	A
Phosphates	Q	Other Bacteria	
TSS/TDS		Birds/Wildlife	Q
BOD		Debris Cleanup	Q
Dissolved Oxygen	Q	Rainfall	
Secchi Transparency	Q	Photographic Surveys	
Alkalinity	Q	Pipe Surveys	
Flow/Gauge		Watershed Mapping	A
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	A

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable      ✓ - Applicable, but number not given

DEP Region: Northcentral      Subbasin: Central West Branch Susquehanna River (9)      County: Centre

# CITIZENS COORDINATING FOR CLEAN WATER "A Swatara Creek Watershed Alliance"

Address:  2501 Cumberland St., Suite 2 Lebanon, PA 17042	Phone: 717-274-1175
	FAX: 717-274-1175
	INTERNET ADDRESS: N/A

Program Administration			
Program Coordinator(s): Jo Ellen Litz, Tom Embich			
Program Affiliate(s):			
Year Founded: 1988	Staff: Volunteer	Active Volunteers: 20	

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$1,500	State:	Foundation:	Dues: 100%
	Federal:	Corporate:	Other:

<b>Data Used For</b>	<input checked="" type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	<b>School Involvement</b>
<input checked="" type="checkbox"/> Watershed Planning	<input type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input type="checkbox"/> Local Decision Making	<input type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input type="checkbox"/> Middle/High
<input checked="" type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By	Notes
<input type="checkbox"/> Local Government <input type="checkbox"/> Academics <input type="checkbox"/> State Government <input checked="" type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	Data for Elizabeth Run, a tributary of the Little Swatara Creek, has been collected on a weekly basis since October, 1994. Data has also been collected on Swatara Creek as it passes through Jonestown on a less frequent basis.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	1	1
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature		Pesticides	
pH	W	Chlorophyll	
Hardness		Aquatic Vegetation	X
Turbidity	X	Macroinvertebrates	
Chlorides		Fish	
Nitrates		Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	X
BOD		Debris Cleanup	
Dissolved Oxygen		Rainfall	D
Secchi Transparency	X	Photographic Surveys	X
Alkalinity		Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable      ✓ - Applicable, but number not given

DEP Region: Southcentral      Subbasin: Lower Susquehanna River (7)      County: Lebanon

# CODORUS MONITORING NETWORK, INC.

Address:  RD 4, Box 4624 Spring Grove, PA 17362	Phone: 717-225-3769
	FAX: 717-225-3769
	INTERNET ADDRESS: codorusnet@aol.com

Program Administration			
Program Coordinator(s):	John Klunk		
Program Affiliate(s):	ALLARM/York County Action Group to Save the Bay		
Year Founded:	1990	Staff: n/a	Active Volunteers: 25

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$2,000	State:	Foundation: 10%	Dues:
	Federal:	Corporate:	Other: 90%

Data Used For	<input type="checkbox"/> Nonpoint Assessment	<input checked="" type="checkbox"/> Water Classification/Std	School Involvement
<input type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input checked="" type="checkbox"/> College/Univ.

Data Used By			Notes	
<input type="checkbox"/> Local Government	<input type="checkbox"/> Academics	<input checked="" type="checkbox"/> State Government	<p>The organization's mission statement is as follows:</p> <p>To raise awareness, with the ultimate goal of restoration of Codorus Creek to a clean and attractive waterway within the Chesapeake Bay Watershed, and to provide a quality aquatic habitat for fish and other species and a source of recreational pleasure for the community.</p>	
<input checked="" type="checkbox"/> Federal Government	<input checked="" type="checkbox"/> Advocacy Groups	<input type="checkbox"/> Industry		
11. Environment	# Stations Sampled	# Waterbodies		
<input type="checkbox"/> Estuary/Marine				
<input checked="" type="checkbox"/> River/Stream	7	1		
<input type="checkbox"/> Beaches				
<input type="checkbox"/> Wells				
<input type="checkbox"/> Wetlands				
<input type="checkbox"/> Lakes				
<input type="checkbox"/> Ponds				
<input type="checkbox"/> Other				
12. Sampled Parameter	Schedule	Sampled Parameter	Schedule	
Water Temperature	W	Pesticides		
pH	W	Chlorophyll		
Hardness		Aquatic Vegetation		
Turbidity	W	Macroinvertebrates	S	
Chlorides		Fish		
Nitrates	W	Coliform Bacteria		
Phosphates		Other Bacteria		
TSS/TDS		Birds/Wildlife		
BOD		Debris Cleanup	S	
Dissolved Oxygen	W	Rainfall		
Secchi Transparency		Photographic Surveys		
Alkalinity	W	Pipe Surveys		
Flow/Gauge		Watershed Mapping		
Salinity		Sediment Assessments		
Metals		Site Inspections		
Hydrocarbons		Habitat Assessments		

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   ✓ - Applicable, but number not given

DEP Region: Southcentral

Subbasin: Lower Susquehanna River (7)

County: York



# CONCERNED RESIDENTS OF YUKON AND THE YOUGH

Address:  P.O. Box 360 Yukon, PA 15698	Phone: 412-722-3092  FAX: 412-722-3092  INTERNET ADDRESS: N/A
-------------------------------------------------	------------------------------------------------------------------------------

Program Administration			
Program Coordinator(s):	Pete Seaton, V.P., Joan Kodrin, Sec.; Angie Babich, Treas.; Dan Bolef, Ed Collins		
Program Affiliate(s):	PA Environmental Network		
Year Founded:	1986	Staff: N/A	Active Volunteers: 10

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$4000	State:	Foundation:	Dues:
	Federal:	Corporate:	Other: 100%

<b>Data Used For</b> <input type="checkbox"/> Watershed Planning <input type="checkbox"/> Local Decision Making <input type="checkbox"/> Research	<input type="checkbox"/> Nonpoint Assessment <input type="checkbox"/> Problem ID <input type="checkbox"/> Education <input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> Water Classification/Std <input type="checkbox"/> Enforcement <input type="checkbox"/> Legislation <input type="checkbox"/> 305(b)	<b>School Involvement</b> <input type="checkbox"/> Elementary <input type="checkbox"/> Middle/High <input type="checkbox"/> College/Univ.
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<b>Data Used By</b> <input type="checkbox"/> Local Government <input type="checkbox"/> State Government <input type="checkbox"/> Federal Government	<input type="checkbox"/> Academics <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">11. Environment</th> <th style="width: 20%;"># Stations Sampled</th> <th style="width: 20%;"># Waterbodies</th> </tr> <tr><td><input type="checkbox"/> Estuary/Marine</td><td></td><td></td></tr> <tr><td><input type="checkbox"/> River/Stream</td><td></td><td></td></tr> <tr><td><input type="checkbox"/> Beaches</td><td></td><td></td></tr> <tr><td><input type="checkbox"/> Wells</td><td></td><td></td></tr> <tr><td><input type="checkbox"/> Wetlands</td><td></td><td></td></tr> <tr><td><input type="checkbox"/> Lakes</td><td></td><td></td></tr> <tr><td><input type="checkbox"/> Ponds</td><td></td><td></td></tr> <tr><td><input type="checkbox"/> Other</td><td></td><td></td></tr> </table>	11. Environment	# Stations Sampled	# Waterbodies	<input type="checkbox"/> Estuary/Marine			<input type="checkbox"/> River/Stream			<input type="checkbox"/> Beaches			<input type="checkbox"/> Wells			<input type="checkbox"/> Wetlands			<input type="checkbox"/> Lakes			<input type="checkbox"/> Ponds			<input type="checkbox"/> Other			<b>Notes</b> The group is not actively monitoring at present due to health problems.  They plan to continue in the future.																																									
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 NA - Not Available or Not Applicable   ✓ - Applicable, but number not given

DEP Region: Southwest

Subbasin: Monongahela River (19)

County: Somerset

# CRUM/RIDLEY/CHESTER VOLUNTEER MONITORING PROGRAM

Address:  229 East Roland Road Parkside, PA 19015	Phone: 610-872-8454
	FAX:
	INTERNET ADDRESS:

Program Administration			
Program Coordinator(s):	Frank Dowman		
Program Affiliate(s):	US Environmental Protection Agency, Region III, Widener Univ., Swarthmore College, Trout Unlimited		
Year Founded:	1990	Staff: 0.0	Active Volunteers: 20

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$2,000	State: Federal: 40	Foundation: Corporate: 5	Dues: Other: 55

<b>Data Used For</b>	<input type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	<b>School Involvement</b>
<input type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input checked="" type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input checked="" type="checkbox"/> College/Univ.

Data Used By	Notes
<input checked="" type="checkbox"/> Local Government <input checked="" type="checkbox"/> Academics <input type="checkbox"/> State Government <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input checked="" type="checkbox"/> Industry	<p>The Crum/Ridley/Chester Volunteer Water Monitoring Program has grown from two watersheds to three watersheds, during its fifth year, because of assistance from Trout Unlimited (Delco Manning Chapter). The group developed as a partnership between US EPA and local environmentalists. The members gather as a group on a quarterly basis to review their monitoring and to hear experts present on water quality issues. Special investigations include groundwater sampling workshop with US Geological Survey, and sewerage problems. The watersheds drain into the Delaware River west of Philadelphia. A program videotape was produced by a volunteer (ten minutes long, with script). The steering committee includes Ph.D. biologists, a high school science teacher, and EPA Region III personnel.</p>

11. Environment	# Stations Sampled	# Waterbodies		
<input type="checkbox"/> Estuary/Marine				
<input checked="" type="checkbox"/> River/Stream	20	3		
<input type="checkbox"/> Beaches				
<input checked="" type="checkbox"/> Wells	1			
<input type="checkbox"/> Wetlands				
<input type="checkbox"/> Lakes				
<input type="checkbox"/> Ponds				
<input type="checkbox"/> Other				
12. Sampled Parameter	Schedule	Sampled Parameter	Schedule	
Water Temperature	M	Pesticides		
pH	M	Chlorophyll		
Hardness		Aquatic Vegetation		
Turbidity	M	Macroinvertebrates	S	
Chlorides	M	Fish		
Nitrates	M	Coliform Bacteria	X	
Phosphates	M	Other Bacteria		
TSS/TDS		Birds/Wildlife		
BOD		Debris Cleanup		
Dissolved Oxygen	M	Rainfall		
Secchi Transparency		Photographic Surveys	X	
Alkalinity	M	Pipe Surveys		
Flow/Gauge		Watershed Mapping		
Salinity		Sediment Assessments		
Metals		Site Inspections		
Hydrocarbons		Habitat Assessments		

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable    ✓ - Applicable, but number not given

DEP Region: Southeast

Subbasin: Lower Delaware River (3)

County: Delaware

# DARBY CREEK VALLEY ASSOCIATION

<b>Address:</b>  c/o Clyde Hunt 5025 Sylvia Road - Drexel Hill Upper Darby, PA 19082	Phone: 610-449-9333  FAX: N/A  INTERNET ADDRESS: N/A
--------------------------------------------------------------------------------------------------	---------------------------------------------------------------------

<b>Program Administration</b>			
Program Coordinator(s):	Clyde Hunt and Fritz Thorndon		
Program Affiliate(s):	US EPA/John Heinz Wildlife Refuge at Tinicum		
Year Founded:	1983	Staff: 0	Active Volunteers: 33

<b>Total Funding</b>	<b>Percent Funding By Source</b>	
Approx. Annual Budget: 1,200	State: Federal:	Foundation: Corporate:  Dues: Other: 100

<b>Data Used For</b>	<input checked="" type="checkbox"/> Nonpoint Assessment <input type="checkbox"/> Problem ID <input checked="" type="checkbox"/> Education <input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> Water Classification/Std's <input checked="" type="checkbox"/> Enforcement <input type="checkbox"/> Legislation <input type="checkbox"/> 305(b)	<b>School Involvement</b>
<input checked="" type="checkbox"/> Watershed Planning <input checked="" type="checkbox"/> Local Decision Making <input type="checkbox"/> Research			<input checked="" type="checkbox"/> Elementary <input checked="" type="checkbox"/> Middle/High <input type="checkbox"/> College/Univ.

<b>Data Used By</b>	<b>Notes</b>
<input type="checkbox"/> Local Government <input checked="" type="checkbox"/> State Government <input checked="" type="checkbox"/> Federal Government <input type="checkbox"/> Academics <input checked="" type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry	The Association is working with EPA to monitor a 30 mile stretch of Darby Creek along with tributaries in the area. A workshop was conducted in March for volunteers. The group plans to do watershed mapping and storm drain stencilling in the future.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	5	1
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	Q	Pesticides	
pH	Q	Chlorophyll	
Hardness		Aquatic Vegetation	Q
Turbidity		Macroinvertebrates	Q
Chlorides		Fish	Q
Nitrates		Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	A
Dissolved Oxygen	Q	Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity	Q	Pipe Surveys	
Flow/Gauge		Watershed Mapping	X
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   ✓ - Applicable, but number not given

DEP Region: Southeast      Subbasin: Lower Delaware River (3)      County: Delaware

# DOC FRITCHEY TROUT UNLIMITED

Address:  524 Horshoe Trail Lebanon, PA 17042	Phone: 717-236-1530
	FAX: 717-236-3075
	INTERNET ADDRESS: N/A

Program Administration			
Program Coordinator(s): Robert Pennell			
Program Affiliate(s):			
Year Founded: 1975	Staff:	Active Volunteers: 25	

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$2,500	State: Federal:	Foundation: Corporate:	Dues: Other: 100%

<b>Data Used For</b>	<input type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	<b>School Involvement</b>
<input type="checkbox"/> Watershed Planning	<input type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input type="checkbox"/> Local Decision Making	<input type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input type="checkbox"/> Research	<input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input checked="" type="checkbox"/> College/Univ.

Data Used By	Notes
<input checked="" type="checkbox"/> Local Government <input checked="" type="checkbox"/> Academics <input checked="" type="checkbox"/> State Government <input checked="" type="checkbox"/> Advocacy Groups <input checked="" type="checkbox"/> Federal Government <input checked="" type="checkbox"/> Industry	This project is carried out on Stoney Creek. It was initially set up by Penn State University. The goal of the project is abandoned mine drainage abatement. The organization built a limestone diversion well in Northern Lebanon - Dauphin County.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	1	1
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	M	Pesticides	
pH	M	Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity		Macroinvertebrates	A
Chlorides		Fish	W
Nitrates		Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen	A	Rainfall	
Secchi Transparency		Photographic Surveys	A
Alkalinity	M	Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable    ✓ - Applicable, but number not given

DEP Region: Southcentral                      Subbasin: Lower Susquehanna River (7)                      County: Lebanon

# DONEGAL CHAPTER OF TROUT UNLIMITED

Address:  31 Meadow St. Akron, PA 17501	Phone: 717-653-9577
	FAX: N/A
	INTERNET ADDRESS: roulston@pro log.net

Program Administration			
Program Coordinator(s):	Edward Smoyer		
Program Affiliate(s):	Warwick and Ephrata High Schools		
Year Founded:	1997	Staff: N/A	Active Volunteers: 42

Total Funding	Percent Funding By Source		
Approx. Annual Budget: N/A	State:	Foundation:	Dues:
	Federal:	Corporate:	Other:

Data Used For	<input type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std's	School Involvement
<input type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input type="checkbox"/> Research	<input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By	Notes
<input checked="" type="checkbox"/> Local Government <input checked="" type="checkbox"/> Academics <input type="checkbox"/> State Government <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	<p>This newly formed group will monitor Lititz Run at eight sampling sites and Segloch Run at four sampling sites.</p> <p>Thirty students from Warwick High School will be assisting with chemical and physical sampling. Five students from Ephrata High School will help with identification of macroinvertebrates. The purpose of the program is to monitor the effect of the group's streambank restoration projects.</p>

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	12	2
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	X	Pesticides	
pH	X	Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity	X	Macroinvertebrates	Q
Chlorides		Fish	
Nitrates	X	Coliform Bacteria	X
Phosphates	X	Other Bacteria	
TSS/TDS	X	Birds/Wildlife	
BOD	X	Debris Cleanup	
Dissolved Oxygen	X	Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable    ✓ - Applicable, but number not given

DEP Region: Southcentral

Subbasin: Lower Susquehanna River (7)

County: Lancaster

# DONEGAL FISH AND CONSERVATION ASSOCIATION

Address:	Phone: 717-299-5361
c/o Lancaster County Conservation District Room #6, Farm & Home Center Lancaster, PA 17601	FAX: 717-299-9459
	INTERNET ADDRESS: lancaster.con@A1.dep.state.pa.us

Program Administration			
Program Coordinator(s):	Mark Metzler, Donald Kelly		
Program Affiliate(s):	Tom Moore, Ken Depoc		
Year Founded:	1985	Staff: 1	Active Volunteers: 2

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$150	State:	Foundation:	Dues: 100%
	Federal:	Corporate:	Other:

Data Used For	<input checked="" type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	School Involvement
<input type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input checked="" type="checkbox"/> Research	<input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By	Notes
<input checked="" type="checkbox"/> Local Government <input type="checkbox"/> Academics <input type="checkbox"/> State Government <input checked="" type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	The project is carried out through a cooperative partnership between Lancaster Co. Conservation District and the Donegal Fish & Conservation Association. The goal of this continuous study of Donegal Creek is to monitor and quantify chemical and biological improvements in the stream that result from restoration projects. Corrective actions include stream-side fencing, streambank stabilization, fish enhancement structures, forest buffer plantings, and conservation planning for adjacent lands.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	8	1
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	M	Pesticides	
pH	M	Chlorophyll	
Hardness	M	Aquatic Vegetation	Q
Turbidity		Macroinvertebrates	M
Chlorides		Fish	M
Nitrates	M	Coliform Bacteria	
Phosphates	M	Other Bacteria	
TSS/TDS		Birds/Wildlife	√
BOD		Debris Cleanup	M
Dissolved Oxygen	M	Rainfall	M
Secchi Transparency		Photographic Surveys	√
Alkalinity	M	Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	Q
Metals		Site Inspections	M
Hydrocarbons		Habitat Assessments	M

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable    √ - Applicable, but number not given

DEP Region: Southcentral                      Subbasin: Lower Susquehanna River (7)                      County: Lancaster



# ECOLOGIA

Address:  P.O. Box 142 Haverford, PA 188223-0142	Phone: 717-434-9588
	FAX: 717-434-9589
	INTERNET ADDRESS: ecologia @ igc.ap.org

Program Administration			
Program Coordinator(s):	Randy Kritkauskay		
Program Affiliate(s):	Ecologia Offices in Central Asia		
Year Founded:	1989	Staff: 4	Active Volunteers: 50+ (all overseas)

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$615,000	State: Federal: 15%	Foundation: 75% Corporate:	Dues: Other: 10%

<b>Data Used For</b>	<input checked="" type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	<b>School Involvement</b>
<input type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input checked="" type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input type="checkbox"/> Research	<input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input checked="" type="checkbox"/> College/Univ.

Data Used By			Notes																									
<input checked="" type="checkbox"/> Local Government	<input checked="" type="checkbox"/> Academics	<p>Since 1991, ECOLOGIA has been operating an environmental monitoring network which provides Non-Governmental Organizations (NGOs) with training and equipment which they can use to carry out their own environmental monitoring projects.</p> <p>Qualified monitoring network members are provided with a portable battery operated Hach spectrophotometer and a budget for purchasing chemical reagents needed for special projects. Starting in 1995, ECOLOGIA added portable air pollution monitoring capability to its program at selected sites.</p> <p>The spectrophotometer arrives equipped with chemical reagents needed for 29 common water quality tests. It can perform over 100 tests including those for heavy metals, nitrates, and phenols. Many of the testing procedures meet U.S. Environmental Protection Agency guidelines. This equipment has been certified by the Russian government laboratory in St. Petersburg as meeting Russian standards for test quality.</p> <p>All network participants attend equipment training workshops and are provided with additional technical support as they work on projects in their home regions.</p> <p>Up to this point, all monitoring has been conducted overseas, but staff is planning to begin sampling streams in Northeast PA.</p>																										
<input type="checkbox"/> State Government	<input checked="" type="checkbox"/> Advocacy Groups																											
<input type="checkbox"/> Federal Government	<input type="checkbox"/> Industry																											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">11. Environment</th> <th style="width: 20%;"># Stations Sampled</th> <th style="width: 20%;"># Waterbodies</th> </tr> </thead> <tbody> <tr><td><input checked="" type="checkbox"/> Estuary/Marine</td><td></td><td></td></tr> <tr><td><input checked="" type="checkbox"/> River/Stream</td><td></td><td></td></tr> <tr><td><input type="checkbox"/> Beaches</td><td></td><td></td></tr> <tr><td><input checked="" type="checkbox"/> Wells</td><td></td><td></td></tr> <tr><td><input type="checkbox"/> Wetlands</td><td></td><td></td></tr> <tr><td><input checked="" type="checkbox"/> Lakes</td><td></td><td></td></tr> <tr><td><input type="checkbox"/> Ponds</td><td></td><td></td></tr> <tr><td><input type="checkbox"/> Other</td><td></td><td></td></tr> </tbody> </table>					11. Environment	# Stations Sampled	# Waterbodies	<input checked="" type="checkbox"/> Estuary/Marine			<input checked="" type="checkbox"/> River/Stream			<input type="checkbox"/> Beaches			<input checked="" type="checkbox"/> Wells			<input type="checkbox"/> Wetlands			<input checked="" type="checkbox"/> Lakes			<input type="checkbox"/> Ponds		
11. Environment	# Stations Sampled	# Waterbodies																										
<input checked="" type="checkbox"/> Estuary/Marine																												
<input checked="" type="checkbox"/> River/Stream																												
<input type="checkbox"/> Beaches																												
<input checked="" type="checkbox"/> Wells																												
<input type="checkbox"/> Wetlands																												
<input checked="" type="checkbox"/> Lakes																												
<input type="checkbox"/> Ponds																												
<input type="checkbox"/> Other																												
12. Sampled Parameter	Schedule	Sampled Parameter	Schedule																									
Water Temperature	√	Pesticides																										
pH	√	Chlorophyll																										
Hardness	√	Aquatic Vegetation																										
Turbidity	√	Macroinvertebrates	√																									
Chlorides	√	Fish																										
Nitrates	√	Coliform Bacteria																										
Phosphates	√	Other Bacteria																										
TSS/TDS		Birds/Wildlife																										
BOD		Debris Cleanup	√																									
Dissolved Oxygen		Rainfall	√																									
Secchi Transparency		Photographic Surveys																										
Alkalinity	√	Pipe Surveys																										
Flow/Gauge		Watershed Mapping	√																									
Salinity		Sediment Assessments																										
Metals	√	Site Inspections																										
Hydrocarbons		Habitat Assessments	√																									

D - Daily W - Weekly BW - Biweekly M - Monthly BM - Bimonthly Q - Quarterly S - Semiannual A - Annual X - Other  
 NA - Not Available or Not Applicable √ - Applicable, but number not given

DEP Region: Northeast

Subbasin: N/A

County: Susquehanna



# ENVIRONMENTAL HEALTH PROGRAM

Address:  Department of Biology Indiana University of PA Indiana, PA 15705	Phone: 412-357-4898
	FAX: 412-357-5700
	INTERNET ADDRESS: tsimmons@iup.grove.edu

<b>Program Administration</b>	
Program Coordinator(s): Thomas W. Simmons, Ph.D	
Program Affiliate(s):	
Year Founded:	Staff: Active Volunteers: 24

<b>Total Funding</b>	<b>Percent Funding By Source</b>
Approx. Annual Budget: \$250	State: Foundation: Dues: Federal: Corporate: Other: 100%

<b>Data Used For</b>	<input type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	<b>School Involvement</b>
<input type="checkbox"/> Watershed Planning	<input type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input type="checkbox"/> Middle/High
<input type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input checked="" type="checkbox"/> College/Univ.

<b>Data Used By</b>	<b>Notes</b>
<input type="checkbox"/> Local Government <input type="checkbox"/> Academics	Study is conducted on the upper reaches of Crooked Creek.
<input type="checkbox"/> State Government <input type="checkbox"/> Advocacy Groups	
<input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	4	1
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	A	Pesticides	
pH	A	Chlorophyll	A
Hardness	A	Aquatic Vegetation	
Turbidity	A	Macroinvertebrates	A
Chlorides		Fish	
Nitrates	A	Coliform Bacteria	
Phosphates	A	Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen	A	Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity	A	Pipe Surveys	
Flow/Gauge	A	Watershed Mapping	
Salinity		Sediment Assessments	A
Metals	A	Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable    ✓ - Applicable, but number not given

DEP Region: Southwest                      Subbasin: Central Allegheny River (17)                      County: Indiana

# FRANKSTOWN OUTDOOR ENVIRONMENTAL EDUCATION CENTER

Address:  RR 3, Box 592 Hollidaysburg, PA 16648	Phone: 814-695-4961  FAX: N/A  INTERNET ADDRESS: N/A
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Program Administration			
Program Coordinator(s):	Rhonda Calhoun		
Program Affiliate(s):	Blair County Conservation District		
Year Founded:	1993-94	Staff: 5	Active Volunteers: 25

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$150	State:	Foundation:	Dues:
	Federal:	Corporate:	Other: 100%

<b>Data Used For</b> <input type="checkbox"/> Watershed Planning <input checked="" type="checkbox"/> Local Decision Making <input checked="" type="checkbox"/> Research	<input checked="" type="checkbox"/> Nonpoint Assessment <input checked="" type="checkbox"/> Problem ID <input checked="" type="checkbox"/> Education <input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> Water Classification/Std <input type="checkbox"/> Enforcement <input type="checkbox"/> Legislation <input type="checkbox"/> 305(b)	<b>School Involvement</b> <input checked="" type="checkbox"/> Elementary <input checked="" type="checkbox"/> High <input type="checkbox"/> College/Univ.
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Data Used By	Notes
<input type="checkbox"/> Local Government <input type="checkbox"/> State Government <input type="checkbox"/> Federal Government <input checked="" type="checkbox"/> Academics <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry	Testing is done in the Juniata River - Frankstown Branch.  The data collected is given to Blair County Conservation District for use. However, the major use for the data is educational. Students relate water quality parameters to habitat requirements of macroinvertebrates, fish and other species found around the school.  A greenhouse was built on the school premises through a DEP Grant. Various plants are raised for use on the school premises including a wetland area.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	2 or 3	1
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input checked="" type="checkbox"/> Wetlands	1	1
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	W	Pesticides	M
pH	W	Chlorophyll	
Hardness		Aquatic Vegetation	BW
Turbidity	W	Macroinvertebrates	BW
Chlorides	W	Fish	
Nitrates	W	Coliform Bacteria	A
Phosphates	W	Other Bacteria	
TSS/TDS		Birds/Wildlife	W
BOD	W	Debris Cleanup	W
Dissolved Oxygen	W	Rainfall	W
Secchi Transparency	W	Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	Q
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	W

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable    ✓ - Applicable, but number not given

DEP Region: Southcentral

Subbasin: Upper Juniata River (11)

County: Blair

# FRIENDS OF POQUESSING WATERSHED

Address:  P.O. Box 11552 Philadelphia, PA 19116	Phone: 215-972-6275 <hr/> FAX: 215-632-2549 <hr/> INTERNET ADDRESS: N/A
----------------------------------------------------------	----------------------------------------------------------------------------------

Program Administration			
Program Coordinator(s):	Dianne Welsh-Retzbach/Donna Smith-Remick		
Program Affiliate(s):	Delaware Riverkeeper		
Year Founded:	1989	Staff: N/A	Active Volunteers: 10

Total Funding	Percent Funding By Source		
Approx. Annual Budget:	State:	Foundation:	Dues: 75%
	Federal:	Corporate:	Other: 25%

<b>Data Used For</b> <input type="checkbox"/> Watershed Planning <input type="checkbox"/> Local Decision Making <input type="checkbox"/> Research	<input checked="" type="checkbox"/> Nonpoint Assessment <input checked="" type="checkbox"/> Problem ID <input checked="" type="checkbox"/> Education <input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> Water Classification/Std <input type="checkbox"/> Enforcement <input type="checkbox"/> Legislation <input type="checkbox"/> 305(b)	<b>School Involvement</b> <input checked="" type="checkbox"/> Elementary <input checked="" type="checkbox"/> Middle/High <input checked="" type="checkbox"/> College/Univ.
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<b>Data Used By</b> <input type="checkbox"/> Local Government <input type="checkbox"/> State Government <input type="checkbox"/> Federal Government	<input checked="" type="checkbox"/> Academics <input checked="" type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry
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Notes		
<b>11. Environment</b>	<b># Stations Sampled</b>	<b># Waterbodies</b>
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	1	2
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	BM	Pesticides	
pH	BM	Chlorophyll	
Hardness		Aquatic Vegetation	BM
Turbidity		Macroinvertebrates	X
Chlorides		Fish	
Nitrates	BM	Coliform Bacteria	
Phosphates	BM	Other Bacteria	
TSS/TDS		Birds/Wildlife	BM
BOD		Debris Cleanup	M-Q
Dissolved Oxygen	BM	Rainfall	BM
Secchi Transparency	BM	Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge		Watershed Mapping	X
Salinity		Sediment Assessments	
Metals		Site Inspections	BM
Hydrocarbons		Habitat Assessments	

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   ✓ - Applicable, but number not given

DEP Region: Southeast

Subbasin: Lower Delaware River (3)

County: Philadelphia

# HOLLOW OAK LAND TRUST

Address:  P.O. Box 741 Moon Township, PA 15108-0174	Phone: 412-264-5354
	FAX: N/A
	INTERNET ADDRESS: N/A

Program Administration			
Program Coordinator(s):	Roy Kraynyk		
Program Affiliate(s):	Janet Thorne - Assistant to the Board		
Year Founded:	1991	Staff: 10	Active Volunteers: 4

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$5,000	State:	Foundation: 80%	Dues: 10%
	Federal:	Corporate:	Other: 10%

Data Used For	<input checked="" type="checkbox"/> Nonpoint Assessment	<input checked="" type="checkbox"/> Water Classification/Std	School Involvement
<input checked="" type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input checked="" type="checkbox"/> Enforcement	<input checked="" type="checkbox"/> Elementary
<input checked="" type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input checked="" type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input checked="" type="checkbox"/> Research	<input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By			Notes	
<input checked="" type="checkbox"/> Local Government	<input checked="" type="checkbox"/> Academics	<input checked="" type="checkbox"/> State Government	<p>The Hollow Oak Land Trust (HOLT) is operated by a volunteer group of citizens who are concerned about the effects of loss of green space, good water quality and other factors that contribute to the livability of a community. A study was initiated in 1996 to provide a baseline overview of water quality and aquatic life resources throughout the Montour Run basin, and to identify and recommend measures that could contribute to the restoration and protection of the watershed.</p> <p>A watershed study is underway through a DCNR River Conservation Grant.</p>	
<input type="checkbox"/> Federal Government	<input checked="" type="checkbox"/> Advocacy Groups	<input checked="" type="checkbox"/> Industry		
11. Environment	# Stations Sampled	# Waterbodies		
<input type="checkbox"/> Estuary/Marine				
<input checked="" type="checkbox"/> River/Stream	25			
<input type="checkbox"/> Beaches				
<input type="checkbox"/> Wells				
<input type="checkbox"/> Wetlands				
<input type="checkbox"/> Lakes				
<input type="checkbox"/> Ponds				
<input type="checkbox"/> Other				
12. Sampled Parameter	Schedule	Sampled Parameter	Schedule	
Water Temperature	D	Pesticides		
pH	D	Chlorophyll		
Hardness	√	Aquatic Vegetation	√	
Turbidity	√	Macroinvertebrates		
Chlorides	A	Fish		
Nitrates	A	Coliform Bacteria	√	
Phosphates	A	Other Bacteria	√	
TSS/TDS		Birds/Wildlife	X	
BOD		Debris Cleanup	X	
Dissolved Oxygen	D	Rainfall	√	
Secchi Transparency		Photographic Surveys	√	
Alkalinity	A	Pipe Surveys	√	
Flow/Gauge	M	Watershed Mapping	√	
Salinity		Sediment Assessments		
Metals	A	Site Inspections		
Hydrocarbons		Habitat Assessments	X	

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   √ - Applicable, but number not given

DEP Region: Southwest

Subbasin: Ohio River (20)

County: Allegheny



# INDIANA COUNTY CONSERVATION DISTRICT

Address:  251 Route 286 North Indiana, PA 15701	Phone: 412-463-7702
	FAX: 412-463-1939
	INTERNET ADDRESS: indiana.con@a1.dep.state.pa.us

Program Administration			
Program Coordinator(s):	Louis A. Kopczyk	Staff:	Active Volunteers: Varies
Program Affiliate(s):	N/A		
Year Founded:	1993		

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$850	State: 23%	Foundation:	Dues:
	Federal:	Corporate:	Other: 77%

Data Used For	<input checked="" type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	School Involvement
<input checked="" type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input checked="" type="checkbox"/> Local Decision Making	<input type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input type="checkbox"/> Middle/High
<input type="checkbox"/> Research	<input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By	Notes
<input type="checkbox"/> Local Government <input type="checkbox"/> Academics <input type="checkbox"/> State Government <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	<p>This project involves monitoring of the Blacklegs Creek and Two Lick Creek Watersheds. The Blacklegs project was initiated at the request of Blacklegs Cooperative Trout Nursery to determine the applicability of the information contained in an Operation Scarlift Study. The impact of mine drainage was monitored by Americorp volunteers. The Two Lick Creek project was initiated due to interest by the Ken Sink Chapter of Trout Unlimited. Americorps volunteers inventoried mine drainage problems on tributaries to the Two Lick main stem. The Conservation District is setting up a partnership with Indiana University of Pennsylvania.</p>

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	21	3
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature		Pesticides	
pH	X	Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity		Macroinvertebrates	
Chlorides		Fish	
Nitrates		Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen		Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity	X	Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals	X	Site Inspections	X
Hydrocarbons		Habitat Assessments	

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable      ✓ - Applicable, but number not given

DEP Region: Southwest

Subbasin: Lower Allegheny River (18)

County: Indiana

# LACKAWANNA RIVER CORRIDOR ASSOCIATION

Address:  P.O. Box 368 Scranton, PA 18501	Phone: 717-347-6311
	FAX: 717-347-6311
	INTERNET ADDRESS: lrca1@pony.vofs.edu

Program Administration			
Program Coordinator(s):	Arthur Popp		
Program Affiliate(s):	University of Scranton - Dr. Dan Townsend, Biology Dept.		
Year Founded:	1989	Staff: 2 part-time	Active Volunteers: 25

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$300	State:	Foundation:	Dues: 50%
	Federal:	Corporate:	Other: 50%

Data Used For	<input checked="" type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	School Involvement
<input checked="" type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input checked="" type="checkbox"/> Elementary
<input type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input checked="" type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input checked="" type="checkbox"/> College/Univ.

Data Used By	Notes
<input checked="" type="checkbox"/> Local Government <input checked="" type="checkbox"/> Academics <input type="checkbox"/> State Government <input type="checkbox"/> Advocacy Groups <input checked="" type="checkbox"/> Federal Government <input type="checkbox"/> Industry	Volunteer monitors perform basic water chemistry and macroinvertebrate sampling. Sampling occurs on the Lackawanna River, Leggets Creek and Aylesworth Creek.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	10	3
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	BM	Pesticides	
pH		Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity		Macroinvertebrates	BM
Chlorides		Fish	
Nitrates		Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	BM
Dissolved Oxygen	BM	Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity		Pipe Surveys	BM
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	BM
Hydrocarbons		Habitat Assessments	

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable      ✓ - Applicable, but number not given

DEP Region: Northeast                      Subbasin: Upper Central Susquehanna River (5)                      County: Lackawanna

# LAKE SHERIDAN TARN WATCH

Address:	Phone: 717-945-3312
P.O. Box 61 Factoryville, PA 18419	FAX: N/A
	INTERNET ADDRESS: N/A

Program Administration			
Program Coordinator(s): Joseph R. Buckwalter			
Program Affiliate(s):			
Year Founded: 1991	Staff: 1	Active Volunteers: 1	

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$0-200	State:	Foundation:	Dues:
	Federal:	Corporate:	Other: 100%

<b>Data Used For</b>	<input checked="" type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	<b>School Involvement</b>
<input type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input type="checkbox"/> Local Decision Making	<input type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input type="checkbox"/> Middle/High
<input checked="" type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By	Notes
<input type="checkbox"/> Local Government <input type="checkbox"/> Academics <input type="checkbox"/> State Government <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	This project involves monitoring of tributaries associated with Lake Sheridan.

11. Environment	# Stations Sampled	# Waterbodies	
<input type="checkbox"/> Estuary/Marine			The goal is to acquire long term (10 years) information on the water quality of the Lake.
<input checked="" type="checkbox"/> River/Stream	3	3	
<input type="checkbox"/> Beaches			
<input checked="" type="checkbox"/> Wells	3	3	
<input type="checkbox"/> Wetlands			
<input checked="" type="checkbox"/> Lakes	1	1	
<input type="checkbox"/> Ponds			
<input type="checkbox"/> Other			

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	√	Pesticides	
pH	√	Chlorophyll	
Hardness		Aquatic Vegetation	√
Turbidity		Macroinvertebrates	√
Chlorides		Fish	√
Nitrates		Coliform Bacteria	√
Phosphates		Other Bacteria	√
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	√
Dissolved Oxygen	√	Rainfall	
Secchi Transparency	W	Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable      √ - Applicable, but number not given

DEP Region: Northeast      Subbasin: Upper Susquehanna River (4)      County: Wyoming



# LAKE WALLENPAUPACK WATERSHED ASSOCIATION

Address:  HCR Box 73 Paupack, PA 18451	Phone: 717-226-2151  FAX: N/A  INTERNET ADDRESS: N/A
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<b>Program Administration</b>			
Program Coordinator(s): William R. Dewar, M.D.			
Program Affiliate(s):			
Year Founded: 1970	Staff: 0	Active Volunteers: 10	

<b>Total Funding</b>	<b>Percent Funding By Source</b>		
Approx. Annual Budget: 3,000	State:	Foundation:	Dues: 100%
	Federal:	Corporate:	Other:

<b>Data Used For</b>	<input checked="" type="checkbox"/> Nonpoint Assessment <input checked="" type="checkbox"/> Problem ID <input checked="" type="checkbox"/> Education <input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> Water Classification/Std's <input type="checkbox"/> Enforcement <input type="checkbox"/> Legislation <input type="checkbox"/> 305(b)	<b>School Involvement</b>
<input checked="" type="checkbox"/> Watershed Planning <input checked="" type="checkbox"/> Local Decision Making <input type="checkbox"/> Research			<input type="checkbox"/> Elementary <input type="checkbox"/> Middle/High <input type="checkbox"/> College/Univ.

<b>Data Used By</b>	<b>Notes</b>
<input type="checkbox"/> Local Government <input type="checkbox"/> State Government <input type="checkbox"/> Federal Government <input type="checkbox"/> Academics <input checked="" type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry	This group addresses general water quality protection issues in the watershed.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input type="checkbox"/> River/Stream		
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature		Pesticides	
pH		Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity		Macroinvertebrates	
Chlorides		Fish	
Nitrates		Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen		Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   ✓ - Applicable, but number not given

DEP Region: Northeast

Subbasin: Upper Delaware River (1)

Counties: Wayne & Pike

# LAKE WALLENPAUPACK WATERSHED MANAGEMENT DISTRICT (LWWMD)

Address:	Phone: 717-226-3863
HCR Box 15-D Paupack, PA 18451	FAX: 717-226-3865
	INTERNET ADDRESS: N/A

Program Administration			
Program Coordinator(s):	Karen Rarich	Staff: 1	Active Volunteers: 16
Program Affiliate(s):	Wayne and Pike Counties Conservation Districts		
Year Founded:	1979		

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$250,000	State: Federal: 70%	Foundation: Corporate:	Dues: Other: 30%

<b>Data Used For</b> <input checked="" type="checkbox"/> Watershed Planning <input type="checkbox"/> Local Decision Making <input checked="" type="checkbox"/> Research	<input type="checkbox"/> Nonpoint Assessment <input type="checkbox"/> Problem ID <input checked="" type="checkbox"/> Education <input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> Water Classification/Std <input type="checkbox"/> Enforcement <input type="checkbox"/> Legislation <input type="checkbox"/> 305(b)	<b>School Involvement</b> <input type="checkbox"/> Elementary <input checked="" type="checkbox"/> Middle/High <input type="checkbox"/> College/Univ.
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<b>Data Used By</b> <input type="checkbox"/> Local Government <input type="checkbox"/> State Government <input type="checkbox"/> Federal Government <input type="checkbox"/> Academics <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry	<b>Notes</b> <p>The LWWMD has been monitoring and accumulating water quality data from 1979 to the present. Through the use of monitoring, the District has established a data base from which water quality trends can be identified.</p> <p>In the past, the LWWMD and its consultant, F.X. Brown, Inc., performed an in-depth, EPA funded study of Lake Wallenpaupack and its watershed. Automated flow meters and sampling devices were installed in the major tributary streams to measure and quantify the pollutants entering the lake. The major product of this study was a comprehensive watershed management plan. This plan is currently being implemented using local, county, state and federal funds. The ongoing lake monitoring program is sponsored by Pennsylvania Power and Light Company (PP&amp;L).</p>
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11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input type="checkbox"/> River/Stream		
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input checked="" type="checkbox"/> Lakes	5	1
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	M	Pesticides	
pH	M	Chlorophyll	A
Hardness	M	Aquatic Vegetation	
Turbidity	M	Macroinvertebrates	
Chlorides	M	Fish	
Nitrates	M	Coliform Bacteria	M
Phosphates	M	Other Bacteria	
TSS/TDS	M	Birds/Wildlife	
BOD	M	Debris Cleanup	
Dissolved Oxygen	M	Rainfall	
Secchi Transparency	M	Photographic Surveys	
Alkalinity	M	Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	A
Hydrocarbons		Habitat Assessments	
		Zooplankton & phytoplankton	A

D - Daily W - Weekly BW - Biweekly M - Monthly BM - Bimonthly Q - Quarterly S - Semiannual A - Annual X - Other  
 NA - Not Available or Not Applicable √ - Applicable, but number not given

DEP Region: Northeast      Subbasin: Upper Delaware River (1)      County: Wayne & Pike

# LANCASTER COUNTY ACADEMY

Address:  144 Park City Center Lancaster, PA 17601	Phone: 717-295-2499
	FAX: 717-392-8603
	INTERNET ADDRESS: lcal@redrosc.net

Program Administration			
Program Coordinator(s):	Ruth Fisher, Service Coordinator		
Program Affiliate(s):	Columbia Borough School District		
Year Founded:	1993	Staff: 7	Active Volunteers: 60

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$160,000	State: 0.05%	Foundation: 8%	Dues: 92%
	Federal:	Corporate: 8%	Other: 92%

Data Used For	<input type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	School Involvement
<input type="checkbox"/> Watershed Planning	<input type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input type="checkbox"/> Research	<input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By	Notes
<input type="checkbox"/> Local Government <input checked="" type="checkbox"/> Academics <input type="checkbox"/> State Government <input checked="" type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	10	3
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	W	Pesticides	
pH	W	Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity	W	Macroinvertebrates	W
Chlorides	X	Fish	
Nitrates	W	Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	BM
Dissolved Oxygen	W	Rainfall	
Secchi Transparency	W	Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	Q

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable      ✓ - Applicable, but number not given

DEP Region: Southcentral      Subbasin: Lower Susquehanna River (7)      County: Lancaster

# LANCASTER COUNTY ACADEMY

Address:  144 Park City Center Lancaster, PA 17601	Phone: 717-295-2499
	FAX: 717-392-8603
	INTERNET ADDRESS: lcal@redrosc.net

Program Administration			
Program Coordinator(s):	Ruth Fisher, Service Coordinator		
Program Affiliate(s):	Columbia Borough School District		
Year Founded:	1993	Staff: 7	Active Volunteers: 60

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$160,000	State: 0.05%	Foundation: 8%	Dues: 92%
	Federal:	Corporate: 8%	Other: 92%

Data Used For	<input type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	School Involvement
<input type="checkbox"/> Watershed Planning	<input type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input type="checkbox"/> Research	<input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By	Notes
<input type="checkbox"/> Local Government <input checked="" type="checkbox"/> Academics <input type="checkbox"/> State Government <input checked="" type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	10	3
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	W	Pesticides	
pH	W	Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity	W	Macroinvertebrates	W
Chlorides	X	Fish	
Nitrates	W	Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	BM
Dissolved Oxygen	W	Rainfall	
Secchi Transparency	W	Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	Q

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   ✓ - Applicable, but number not given

DEP Region: Southcentral      Subbasin: Lower Susquehanna River (7)      County: Lancaster

# LETORT REGIONAL AUTHORITY

<b>Address:</b>  415 Franklin Street Carlisle, PA 17013	<b>Phone:</b> 717-245-0508  <b>FAX:</b> N/A  <b>INTERNET ADDRESS:</b> N/A
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<b>Program Administration</b>			
Program Coordinator(s):	Brian Fischbach		
Program Affiliate(s):	U.S. Department of the Interior, Geological Survey		
Year Founded:	1991	Staff: 1	Active Volunteers: 2

<b>Total Funding</b>	<b>Percent Funding By Source</b>		
Approx. Annual Budget: \$15,000	State: Federal: 33%	Foundation: Corporate:	Dues: Other: 67%

<b>Data Used For</b>	<input type="checkbox"/> Nonpoint Assessment <input checked="" type="checkbox"/> Problem ID <input checked="" type="checkbox"/> Education <input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> Water Classification/Std <input checked="" type="checkbox"/> Enforcement <input type="checkbox"/> Legislation <input type="checkbox"/> 305(b)	<b>School Involvement</b>
<input checked="" type="checkbox"/> Watershed Planning <input checked="" type="checkbox"/> Local Decision Making <input checked="" type="checkbox"/> Research			<input checked="" type="checkbox"/> Elementary <input checked="" type="checkbox"/> Middle/High <input checked="" type="checkbox"/> College/Univ.

<b>Data Used By</b>	<b>Notes</b>
<input checked="" type="checkbox"/> Local Government <input type="checkbox"/> State Government <input checked="" type="checkbox"/> Federal Government	Weekly water quality samples have been taken by the Authority at ten stations along the stream since September 1991 and, in a joint venture with the U.S. Geological Survey, monthly stream flow data has been recorded since 1976. In addition, data on springs is collected by the Pennsylvania Department of Environmental Protection, and the Pennsylvania Fish and Boat Commission conducts a semi-annual fish inventory. This information combines to form a wealth of information that is unique among small watersheds in the Commonwealth. It allows the Authority to make informed judgements relating changes in stream chemistry and discharge to changing land use patterns. Water quality and discharge data on the stream is available for study and scientific research through the U.S.G.S. National Water and Data Exchange.
<input checked="" type="checkbox"/> Academics <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry	

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	10	1
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	M	Pesticides	
pH	M	Chlorophyll	
Hardness		Aquatic Vegetation	M
Turbidity	M	Macroinvertebrates	X
Chlorides		Fish	X
Nitrates	M	Coliform Bacteria	
Phosphates	M	Other Bacteria	
TSS/TDS	M	Birds/Wildlife	
BOD		Debris Cleanup	S
Dissolved Oxygen	M	Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge	D	Watershed Mapping	A
Salinity		Sediment Assessments	X
Metals		Site Inspections	X
Hydrocarbons		Habitat Assessments	

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   √ - Applicable, but number not given

DEP Region: Southcentral                      Subbasin: Lower Susquehanna River (7)                      County: Cumberland

# LITTLE CLEARFIELD CREEK WATERSHED ASSOCIATION

Address:  RR #1 Box 314 Olanta, PA	Phone: 814-236-0872  FAX: N/A  INTERNET ADDRESS: N/A
------------------------------------------------	---------------------------------------------------------------------

<b>Program Administration</b>			
Program Coordinator(s): George Gill			
Program Affiliate(s):			
Year Founded: 1980	Staff: 4	Active Volunteers: 10	

<b>Total Funding</b>	<b>Percent Funding By Source</b>		
Approx. Annual Budget: \$200	State:	Foundation:	Dues:
	Federal:	Corporate:	Other: 100%

<b>Data Used For</b>	<input type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	<b>School Involvement</b>
<input type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input type="checkbox"/> Local Decision Making	<input type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input type="checkbox"/> Middle/High
<input type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

<b>Data Used By</b>	<b>Notes</b>
<input type="checkbox"/> Local Government <input checked="" type="checkbox"/> State Government <input type="checkbox"/> Federal Government	This program involves continuous study of the effect of a reclaimed mining site on Little Clearfield Creek.  Annual samples are processed by a certified lab.
<input type="checkbox"/> Academics <input checked="" type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry	

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	1	1
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature		Pesticides	
pH	A&M	Chlorophyll	
Hardness	A	Aquatic Vegetation	
Turbidity		Macroinvertebrates	
Chlorides	A	Fish	
Nitrates	A	Coliform Bacteria	
Phosphates	A	Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen	A	Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity	A&M	Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   ✓ - Applicable, but number not given

DEP Region: Northcentral      Subbasin: Upper West Branch Susquehanna River (8)      County: Clearfield

# LOWER MERION CONSERVANCY

Address:  9 South Bryn Mar Avenue Bryn Mar, PA 19010	Phone: 610-520-9895
	FAX: 610-520-9894
	INTERNET ADDRESS: N/A

Program Administration			
Program Coordinator(s):	Heidi Fenstermacher		
Program Affiliate(s):	Episcopal Academy, Stroud Water Research Centre		
Year Founded:	1974	Staff: 2	Active Volunteers: 20

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$50,000	State: 2%	Foundation: 30%	Dues: 40%
	Federal: 8%	Corporate: 20%	Other:

Data Used For	<input type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	School Involvement
<input checked="" type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input checked="" type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input checked="" type="checkbox"/> Research	<input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By	Notes
<input type="checkbox"/> Local Government <input type="checkbox"/> Academics <input type="checkbox"/> State Government <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	<p>This project involves volunteer monitoring of Millcreek, East and West Branch Indian Creek and Saw Mill Run. Each volunteer has a kit for monitoring. QA/QC training is conducted three times a year on an individual basis.</p> <p>A report based on water quality monitoring data was generated and circulated to local and state governments in 1995.</p> <p>The conservancy provides municipalities with their baseline analysis of water quality in an attempt to prevent degradation.</p>

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	14	4
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	W	Pesticides	
pH	W	Chlorophyll	
Hardness		Aquatic Vegetation	A
Turbidity		Macroinvertebrates	A
Chlorides	W	Fish	A
Nitrates	Q	Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	M
BOD		Debris Cleanup	A
Dissolved Oxygen	W	Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity	W	Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	M
Hydrocarbons		Habitat Assessments	M

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable      ✓ - Applicable, but number not given

DEP Region: Southeast      Subbasin: Lower Delaware River (3)      County: Montgomery

# MARTIC HILLS WATERSHED ASSOCIATION

Address:  385 Penncroft Drive South Holtwood, PA 17532	Phone: 717-284-4458
	FAX: N/A
	INTERNET ADDRESS: N/A

Program Administration			
Program Coordinator(s): James H. Smith			
Program Affiliate(s):			
Year Founded: 1977	Staff: 0	Active Volunteers: 6	

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$100	State:	Foundation:	Dues: 80%
	Federal:	Corporate:	Other: 20%

Data Used For	<input checked="" type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	School Involvement
<input checked="" type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input checked="" type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input type="checkbox"/> Middle/High
<input type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By	Notes
<input checked="" type="checkbox"/> Local Government <input type="checkbox"/> Academics <input type="checkbox"/> State Government <input checked="" type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	Studies are done on Trout Run and Middle Run. Monitoring is part of Tucquan/Clarks Run Scenic River Management action plan.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	3	3
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	BM	Pesticides	
pH	BM	Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity	X	Macroinvertebrates	A
Chlorides		Fish	A
Nitrates	M	Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	X
BOD		Debris Cleanup	X
Dissolved Oxygen		Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity	M	Pipe Surveys	
Flow/Gauge	X	Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable    ✓ - Applicable, but number not given

DEP Region: Southcentral      Subbasin: Lower Susquehanna River (7)      County: Lancaster



# MERCER COUNTY CONSERVATION DISTRICT

Address:  747 Greenville Rd. Mercer, PA 16137	Phone: 412-662-2242
	FAX: 412-662-3905
	INTERNET ADDRESS: mercerc.con@a1.dep.state.pa.us

Program Administration			
Program Coordinator(s):	James Mondok	Staff: 2	Active Volunteers: 4
Program Affiliate(s):	N/A		
Year Founded:	1979		

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$2,400	State:	Foundation:	Dues:
	Federal:	Corporate:	Other: 100%

<b>Data Used For</b>	<input checked="" type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	<b>School Involvement</b>
<input checked="" type="checkbox"/> Watershed Planning	<input type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input checked="" type="checkbox"/> Elementary
<input checked="" type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input checked="" type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input checked="" type="checkbox"/> College/Univ.

Data Used By	Notes
<input type="checkbox"/> Local Government <input type="checkbox"/> Academics <input checked="" type="checkbox"/> State Government <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	Studies have been conducted on Otter Creek, Munnell Run and Cool Spring Creek. The Conservation District has a cooperative partnership with Grove City College for the laboratory analysis of samples.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	17	3
<input type="checkbox"/> Beaches		
<input checked="" type="checkbox"/> Wells	6	
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	M	Pesticides	
pH	M	Chlorophyll	
Hardness	M	Aquatic Vegetation	
Turbidity	M	Macroinvertebrates	Q
Chlorides		Fish	
Nitrates		Coliform Bacteria	M
Phosphates	M	Other Bacteria	
TSS/TDS	M	Birds/Wildlife	
BOD	M	Debris Cleanup	
Dissolved Oxygen	M	Rainfall	D
Secchi Transparency		Photographic Surveys	
Alkalinity	M	Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable      ✓ - Applicable, but number not given

DEP Region: Northwest

Subbasin: Ohio River (20)

County: Mercer

# MONROE COUNTY PLANNING COMMISSION

Address:	Phone: 717-420-3562
Administrative Center 1 Quaker Plaza, Room 106 Stroudsburg, PA 18360-2169	FAX: 717-420-3458
	INTERNET ADDRESS: mcpc @ microserve.net

Program Administration			
Program Coordinator(s):	Eric Bartolacci		
Program Affiliate(s):	Monroe County Conservation District		
Year Founded:	1985	Staff: 3	Active Volunteers: 5

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$9,500	State:	Foundation:	Dues:
	Federal:	Corporate:	Other: 100%

<b>Data Used For</b>	<input checked="" type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	<b>School Involvement</b>
<input checked="" type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input checked="" type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input type="checkbox"/> Middle/High
<input checked="" type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input checked="" type="checkbox"/> College/Univ.

Data Used By	Notes
<input type="checkbox"/> Local Government <input type="checkbox"/> Academics <input type="checkbox"/> State Government <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	<p>This project, which was initiated in 1985 by the head of the planning commission, has expanded to a comprehensive analysis and understanding of the surface and groundwater resources of the county. All major streams in the county are tested for physical and chemical parameters, and in 1993, the Commission began use of EPA's Rapid Bioassessment Protocols to examine water quality as it relates to the macroinvertebrate community and their habitat.</p> <p>A major goal of the project is to determine if degradation is occurring so that necessary remediation efforts can be identified.</p>

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	200	
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	A	Pesticides	
pH	A	Chlorophyll	
Hardness	A	Aquatic Vegetation	
Turbidity	A	Macroinvertebrates	A
Chlorides	A	Fish	
Nitrates	A	Coliform Bacteria	A
Phosphates	A	Other Bacteria	
TSS/TDS	A	Birds/Wildlife	
BOD	A	Debris Cleanup	
Dissolved Oxygen	A	Rainfall	
Secchi Transparency		Photographic Surveys	A
Alkalinity	A	Pipe Surveys	
Flow/Gauge	A	Watershed Mapping	
Salinity		Sediment Assessments	A
Metals		Site Inspections	A
Hydrocarbons		Habitat Assessments	A

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable    ✓ - Applicable, but number not given

DEP Region: Northeast

Subbasin: Upper Delaware River (1)

County: Monroe

# NATIONAL AUDUBON SOCIETY

Address:  1104 Fernwood Avenue, Suite #300 Camp Hill, PA 17011	Phone: 717-763-4985  FAX: 717-763-4981  INTERNET ADDRESS:
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Program Administration			
Program Coordinator(s):	Marci J. Mowery		
Program Affiliate(s):	Audubon Chapters/PA Important Bird Areas Program		
Year Founded:	Staff:	Active Volunteers:	

Total Funding	Percent Funding By Source		
Approx. Annual Budget:	State:	Foundation:	Dues:
	Federal:	Corporate:	Other:

<b>Data Used For</b> <input type="checkbox"/> Watershed Planning <input type="checkbox"/> Local Decision Making <input type="checkbox"/> Research	<input type="checkbox"/> Nonpoint Assessment <input type="checkbox"/> Problem ID <input type="checkbox"/> Education <input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> Water Classification/Std <input type="checkbox"/> Enforcement <input type="checkbox"/> Legislation <input type="checkbox"/> 305(b)	<b>School Involvement</b> <input type="checkbox"/> Elementary <input type="checkbox"/> Middle/High <input type="checkbox"/> College/Univ.
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Data Used By	Notes
<input type="checkbox"/> Local Government <input type="checkbox"/> State Government <input type="checkbox"/> Federal Government <input type="checkbox"/> Academics <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry	(Notes section)

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input type="checkbox"/> River/Stream		
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input checked="" type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature		Pesticides	
pH		Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity		Macroinvertebrates	
Chlorides		Fish	
Nitrates		Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	Q
BOD		Debris Cleanup	
Dissolved Oxygen		Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   ✓ - Applicable, but number not given

DEP Region: Southcentral   Subbasin: Lower Susquehanna River (7)   County: Cumberland

# NORTHUMBERLAND COUNTY CONSERVATION DISTRICT

Address:  R.D. #3, Box 238-C Sunbury, PA 17801	Phone: 717-988-4224  FAX: 717-988-4488  INTERNET ADDRESS: northumberland.con@a1.dep.state.pa.us
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Program Administration			
Program Coordinator(s):	Dave Moratelli		
Program Affiliate(s):	6 Northumberland County High Schools - See bottom of Notes		
Year Founded:	1992	Staff: 1	Active Volunteers: 66

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$500-\$1,000	State:	Foundation:	Dues:
	Federal:	Corporate: 25%	Other: 25%

<b>Data Used For</b> <input type="checkbox"/> Watershed Planning <input type="checkbox"/> Local Decision Making <input type="checkbox"/> Research	<input type="checkbox"/> Nonpoint Assessment <input type="checkbox"/> Problem ID <input checked="" type="checkbox"/> Education <input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> Water Classification/Std's <input type="checkbox"/> Enforcement <input type="checkbox"/> Legislation <input type="checkbox"/> 305(b)	<b>School Involvement</b> <input type="checkbox"/> Elementary <input checked="" type="checkbox"/> Middle/High <input type="checkbox"/> College/Univ.
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Data Used By	Notes
<input type="checkbox"/> Local Government <input type="checkbox"/> State Government <input type="checkbox"/> Federal Government <input type="checkbox"/> Academics <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry	This project includes continuous study of the following creeks: Shamokin, Little Shamokin, Trout Run, Limestone Run, Chillisquaque and Warrior Run. An annual workshop is conducted to analyze data.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	12	10
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input checked="" type="checkbox"/> Ponds		1
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	S	Pesticides	
pH	S	Chlorophyll	
Hardness	S	Aquatic Vegetation	
Turbidity	S	Macroinvertebrates	S
Chlorides	S	Fish	
Nitrates	S	Coliform Bacteria	S
Phosphates	S	Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen	S	Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity	S	Pipe Surveys	
Flow/Gauge	S	Watershed Mapping	
Salinity	S	Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	

Program Affiliates:  
 Line Mountain High School  
 Lourdes Regional High School  
 Milton Area High School  
 Mount Carmel Area High School  
 Skikellamy High School  
 Warrior Run High School

D - Daily W - Weekly BW - Biweekly M - Monthly BM - Bimonthly Q - Quarterly S - Semiannual A - Annual X - Other  
 NA - Not Available or Not Applicable ✓ - Applicable, but number not given

DEP Region: Northcentral Subbasins: Lower Central Susquehanna River (6) County: Northumberland  
 Lower West Branch Susquehanna River (10)

# PALMYRA PALTAG STUDENTS

Address:  Palmyra High School 1125 Park Drive Palmyra, PA 17078	Phone: 717-838-1331
	FAX: 717-838-5101
	INTERNET ADDRESS: N/A

Program Administration			
Program Coordinator(s):	Susan Bucks		
Program Affiliate(s):	Palmyra Paltag Program for Gifted Students		
Year Founded:	1987	Staff: 3	Active Volunteers:

Total Funding	Percent Funding By Source		
Approx. Annual Budget: N/A	State:	Foundation:	Dues:
	Federal:	Corporate:	Other:

Data Used For	<input type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	School Involvement
<input type="checkbox"/> Watershed Planning	<input type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By	Notes
<input type="checkbox"/> Local Government <input checked="" type="checkbox"/> Academics <input type="checkbox"/> State Government <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	Monitoring is done as part of "Make a Difference Day."

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	1	1
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	A	Pesticides	
pH	A	Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity		Macroinvertebrates	
Chlorides		Fish	
Nitrates	A	Coliform Bacteria	
Phosphates	A	Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen	A	Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   ✓ - Applicable, but number not given

DEP Region: Southcentral

Subbasin: Lower Susquehanna River (7)

County: Lebanon

# PARKER DAM STATE PARK

Address:  RR 1 Box 165 Penfield, PA 15849	Phone: 814-765-0630
	FAX: 814-765-0633
	INTERNET ADDRESS: N/A

<b>Program Administration</b>			
Program Coordinator(s): Eric Rensel			
Program Affiliate(s):			
Year Founded: 1996	Staff: 6	Active Volunteers: 33	

<b>Total Funding</b>	<b>Percent Funding By Source</b>		
Approx. Annual Budget:	State: 100%	Foundation:	Dues:
	Federal:	Corporate:	Other:

<b>Data Used For</b>	<input type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std's	<b>School Involvement</b>
<input type="checkbox"/> Watershed Planning	<input type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input type="checkbox"/> Local Decision Making	<input type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input type="checkbox"/> Middle/High
<input type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

<b>Data Used By</b>	<b>Notes</b>
<input type="checkbox"/> Local Government	
<input type="checkbox"/> State Government	
<input type="checkbox"/> Federal Government	
<input type="checkbox"/> Academics	
<input type="checkbox"/> Advocacy Groups	
<input type="checkbox"/> Industry	

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	11	4
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	BW-Q	Pesticides	
pH	BW-Q	Chlorophyll	
Hardness	BW-Q	Aquatic Vegetation	
Turbidity	BW-Q	Macroinvertebrates	BW-Q
Chlorides		Fish	BW-Q
Nitrates	BW-Q	Coliform Bacteria	
Phosphates	BW-Q	Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen	BW-Q	Rainfall	D
Secchi Transparency		Photographic Surveys	
Alkalinity	BW-Q	Pipe Surveys	
Flow/Gauge	BW-Q	Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily W - Weekly BW - Biweekly M - Monthly BM - Bimonthly Q - Quarterly S - Semiannual A - Annual X - Other  
 NA - Not Available or Not Applicable ✓ - Applicable, but number not given

DEP Region: Northcentral Subbasin: Upper West Branch Susquehanna River (8) County: Clearfield

# PAUNACUSSING WATERSHED ASSOCIATION

Address:	Phone: 215-297-5800
Box 81 Carversville, PA 18913	FAX: N/A
	INTERNET ADDRESS: N/A

Program Administration			
Program Coordinator(s):	William E. Tinsman, President		
Program Affiliate(s):	Edwin Harrington, Melody Hunt, Margaret Feiler		
Year Founded:	1971	Staff: N/A	Active Volunteers: 6

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$300	State:	Foundation:	Dues: 100%
	Federal:	Corporate:	Other:

Data Used For	<input type="checkbox"/> Nonpoint Assessment	<input checked="" type="checkbox"/> Water Classification/Std	School Involvement
<input checked="" type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input checked="" type="checkbox"/> Local Decision Making	<input type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input type="checkbox"/> Middle/High
<input type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By	Notes
<input checked="" type="checkbox"/> Local Government <input type="checkbox"/> Academics <input type="checkbox"/> State Government <input checked="" type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	<p>The Paunacussing Creek flows through the areas of Buckingham, Plumstead and Solebury Townships in Central Bucks County. The north fork begins in a woodland near Durham Road; the middle fork begins above Mechanicsville; the south fork forms in farm and development land along Street Road. At Carversville, the three forks join to form the main stream which winds through a steeply wooded valley to the Delaware River at Lumberville. The entire watershed covers 7.87 square miles of agricultural, woodland, community and residential subdivisions. There are no major highways, industries, sewage treatment plant or public water systems.</p>

11. Environment	# Stations Sampled	# Waterbodies			
<input type="checkbox"/> Estuary/Marine					
<input type="checkbox"/> River/Stream	4	4			
<input type="checkbox"/> Beaches					
<input type="checkbox"/> Wells					
<input type="checkbox"/> Wetlands					
<input type="checkbox"/> Lakes					
<input type="checkbox"/> Ponds					
<input type="checkbox"/> Other					
12. Sampled Parameter	Schedule	Sampled Parameter	Schedule		
Water Temperature		Pesticides		<p>The association seeks to provide positive incentives in controlling growth in order to preserve the rural and historical character of the area.</p> <p>In addition to these objectives, attention is given to soil erosion, flood control and the proper management of natural resources in general. The impetus of these objectives is the loss of soil caused by severe flooding in the watershed as evidenced by the buildup of eroded material forming a delta in the Delaware River. The association seeks to curb the extent of erosion by advocating the protection of wetlands and streambanks and by limiting development within floodplains.</p>	
pH		Chlorophyll			
Hardness		Aquatic Vegetation			
Turbidity		Macroinvertebrates			
Chlorides	BM	Fish			
Nitrates		Coliform Bacteria			
Phosphates	BM	Other Bacteria Fecal	BM		
TSS/TDS	BM	Birds/Wildlife			
BOD		Debris Cleanup	BM		
Dissolved Oxygen		Rainfall			
Secchi Transparency		Photographic Surveys			
Alkalinity		Pipe Surveys			
Flow/Gauge		Watershed Mapping			
Salinity		Sediment Assessments			
Metals		Site Inspections			
Hydrocarbons		Habitat Assessments			

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable    ✓ - Applicable, but number not given

DEP Region: Southeast

Subbasin: Central Delaware (2)

County: Bucks





# PIKE COUNTY CONSERVATION DISTRICT

Address:  HC 6, Box 6770 Hawley, PA 18428	Phone: 717-226-8220
	FAX: 717-226-8222
	INTERNET ADDRESS: pikecd@prolog.net

Program Administration			
Program Coordinator(s): Hannelore Schanzenbacher, Susan Beecher			
Program Affiliate(s):			
Year Founded: 1987	Staff: 1	Active Volunteers: n/a	

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$15,000	State: Federal:	Foundation: Corporate:	Dues: Other: 100%

<b>Data Used For</b>	<input checked="" type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	<b>School Involvement</b>
<input type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input checked="" type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input type="checkbox"/> Middle/High
<input checked="" type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By	Notes
<input type="checkbox"/> Local Government <input type="checkbox"/> Academics <input type="checkbox"/> State Government <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	<p>From the projects initiation in 1987 until 1990, sites were chosen randomly. During this time frame approximately 120 sites were sampled.</p>

11. Environment	# Stations Sampled	# Waterbodies	
<input type="checkbox"/> Estuary/Marine			In 1991, 18 sites were established at the mouth of each watershed with 20 additional sites above and below sewage treatment plants. Macroinvertebrate sampling was added in 1991 with 2 collections per year at each site (spring and fall).
<input checked="" type="checkbox"/> River/Stream	49		
<input type="checkbox"/> Beaches			
<input type="checkbox"/> Wells			
<input type="checkbox"/> Wetlands			
<input type="checkbox"/> Lakes			
<input type="checkbox"/> Ponds			
<input type="checkbox"/> Other			

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	BW	Pesticides	
pH	BW	Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity		Macroinvertebrates	S
Chlorides	BW	Fish	A
Nitrates	BW	Coliform Bacteria	BW
Phosphates	BW	Other Bacteria	
TSS/TDS	BW	Birds/Wildlife	
BOD	BW	Debris Cleanup	
Dissolved Oxygen	BW	Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity	BW	Pipe Surveys	
Flow/Gauge	A	Watershed Mapping	X
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	A

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable    ✓ - Applicable, but number not given

DEP Region: Northeast

Subbasin: Upper Delaware River (1)

County: Pike

# PROJECT WATER (Water Analysis Through Educational Means)

<b>Address:</b>  Strong Vincent High School 1330 West 8th Street Erie, PA 16502	Phone: 814-871-6433  FAX: 814-871-6374  INTERNET ADDRESS: svbio@erie.net
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Program Administration			
Program Coordinator(s):	Mr. James Rutkowski	Staff: 2	Active Volunteers: 45
Program Affiliate(s):	International Paper		
Year Founded:	1995		

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$300.00	State:	Foundation:	Dues:
	Federal:	Corporate: 50%	Other: 50%

<b>Data Used For</b> <input type="checkbox"/> Watershed Planning <input type="checkbox"/> Local Decision Making <input checked="" type="checkbox"/> Research	<input checked="" type="checkbox"/> Nonpoint Assessment <input type="checkbox"/> Problem ID <input checked="" type="checkbox"/> Education <input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> Water Classification/Std <input type="checkbox"/> Enforcement <input type="checkbox"/> Legislation <input type="checkbox"/> 305(b)	<b>School Involvement</b> <input type="checkbox"/> Elementary <input checked="" type="checkbox"/> Middle/High <input type="checkbox"/> College/Univ.
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Data Used By	Notes
<input checked="" type="checkbox"/> Local Government <input type="checkbox"/> State Government <input type="checkbox"/> Federal Government <input checked="" type="checkbox"/> Academics <input checked="" type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry	The goal of Project Water is to develop long lasting stewardship for streams in the Lake Erie Watershed. Based at Strong Vincent High School, the project involves teachers and students from 7 high schools in measuring the chemical, physical and biological parameters of neighboring waterways. North East High School samples 16 Mile Creek. Harborcreek High School tests 7 Mile Creek. Iroquois High School is in charge of 4 Mile Creek. East High School samples McDaniel's Run. Central High School monitors Mill Creek. Strong Vincent High School samples Cascade Creek, and General McLane High School monitors at two sampling stations along Elk Creek.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	8	7
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	M	Pesticides	
pH	M	Chlorophyll	
Hardness	M	Aquatic Vegetation	M
Turbidity	M	Macroinvertebrates	M
Chlorides	M	Fish	
Nitrates	M	Coliform Bacteria	M
Phosphates	M	Other Bacteria	
TSS/TDS	M	Birds/Wildlife	
BOD	M	Debris Cleanup	S
Dissolved Oxygen	M	Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity	M	Pipe Surveys	
Flow/Gauge	M	Watershed Mapping	
Salinity	M	Sediment Assessments	
Metals	M	Site Inspections	
Hydrocarbons		Habitat Assessments	X

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   ✓ - Applicable, but number not given

DEP Region: Northwest

Subbasin: Lake Erie (15)

County: Erie

# RIVERBEND ENVIRONMENTAL EDUCATION CENTER

Address:  1950 Spring Mill Road Gladwyne, PA 19035-1000	Phone: 610-527-5234
	FAX: 610-527-5234
	INTERNET ADDRESS: rvrbend@aol.com

Program Administration			
Program Coordinator(s):	Kevin A. Peters, Director of Education		
Program Affiliate(s):	N/A		
Year Founded:	1974	Staff: 10	Active Volunteers: 15

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$175,000	State: 13%	Foundation: 38%	Dues: 31%
	Federal: 4%	Corporate: 1%	Other: 13%

<b>Data Used For</b>	<input type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std's	<b>School Involvement</b>
<input type="checkbox"/> Watershed Planning	<input type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input checked="" type="checkbox"/> Elementary
<input type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input checked="" type="checkbox"/> College/Univ.

Data Used By	Notes
<input type="checkbox"/> Local Government <input checked="" type="checkbox"/> Academics <input type="checkbox"/> State Government <input checked="" type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	Studies are conducted on the Schuylkill River and Saw Mill Run.  Riverbend is also involved in the implementation of teacher workshops based on habitat and watershed studies.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	2	2
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	W	Pesticides	
pH	W	Chlorophyll	
Hardness	W	Aquatic Vegetation	M
Turbidity		Macroinvertebrates	W
Chlorides in winter	W	Fish	W
Nitrates		Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	M
BOD		Debris Cleanup	
Dissolved Oxygen	W	Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable      ✓ - Applicable, but number not given

DEP Region: Southeast

Subbasin: Lower Delaware River (3)

County: Montgomery

# ROARING RUN WATERSHED ASSOCIATION

Address:  Box 40 Spring Church, PA 15686	Phone: 412-568-1483
	FAX:
	INTERNET ADDRESS:

Program Administration			
Program Coordinator(s): Donald Stevens			
Program Affiliate(s):			
Year Founded: 1982	Staff: 13	Active Volunteers: 6	

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$97,385	State:	Foundation: 69%	Dues: 6%
	Federal:	Corporate:	Other: 25%

Data Used For	<input type="checkbox"/> Nonpoint Assessment	<input checked="" type="checkbox"/> Water Classification/Std	School Involvement
<input checked="" type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input checked="" type="checkbox"/> Enforcement	<input checked="" type="checkbox"/> Elementary
<input checked="" type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input checked="" type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input checked="" type="checkbox"/> Research	<input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input checked="" type="checkbox"/> College/Univ.

Data Used By	Notes
<input checked="" type="checkbox"/> Local Government <input checked="" type="checkbox"/> Academics <input checked="" type="checkbox"/> State Government <input checked="" type="checkbox"/> Advocacy Groups <input checked="" type="checkbox"/> Federal Government <input checked="" type="checkbox"/> Industry	<p>RRWA Activities include fund raising for acquisition of land for public recreation and preservation. History of the lands are researched and documented for public interest. A major hike/bike trail is maintained along the Kiskiminetas River. Our current project is to extend the trail.</p> <p>Monitoring is done on Rattling Run and Roaring Run.</p>

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream		2
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input checked="" type="checkbox"/> Ponds		3
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature		Pesticides	
pH	X	Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity		Macroinvertebrates	
Chlorides		Fish	X
Nitrates		Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen		Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	X
Metals	X	Site Inspections	
Hydrocarbons		Habitat Assessments	X

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable    ✓ - Applicable, but number not given

DEP Region: Southwest

Subbasin: Lower Allegheny River (18)

County: Armstrong

# THE SCHUYLKILL CENTER FOR ENVIRONMENTAL EDUCATION

Address:  8480 Hagy's Mill Road Philadelphia, PA 19128	Phone: 215-482-7300
	FAX: 215-482-8158
	INTERNET ADDRESS: n/a

Program Administration			
Program Coordinator(s): Katie Shepard			
Program Affiliate(s):			
Year Founded: 1987	Staff: 14	Active Volunteers: 720	

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$1,000,000	State: 1%	Foundation: 20%	Dues: 10%
	Federal: 9%	Corporate: 8%	Other: 52%

Data Used For	<input checked="" type="checkbox"/> Nonpoint Assessment	<input checked="" type="checkbox"/> Water Classification/Std's	School Involvement
<input checked="" type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input checked="" type="checkbox"/> Enforcement	<input checked="" type="checkbox"/> Elementary
<input checked="" type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input checked="" type="checkbox"/> Research	<input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input checked="" type="checkbox"/> College/Univ.

Data Used By	Notes
<input checked="" type="checkbox"/> Local Government <input checked="" type="checkbox"/> Academics <input checked="" type="checkbox"/> State Government <input checked="" type="checkbox"/> Advocacy Groups <input checked="" type="checkbox"/> Federal Government <input checked="" type="checkbox"/> Industry	<p>The Schuylkill Center for Environmental Education was established in 1965 as the first urban environmental education facility in the United States. The Center promotes environmental understanding by providing opportunities for pre-kindergarten through graduate level students; by training teachers; and by presenting public programs. The Center is currently working with 24 School Districts of Philadelphia teachers and their students in a yearlong Urban Water Quality Monitoring Program. Center staff are training the teachers and students in water quality monitoring and providing test kits so they may monitor the water quality of a local stream. This grant-funded program is a partnership between the Schuylkill Center, the School District of Philadelphia, and the Philadelphia Water Department.</p>

11. Environment	# Stations Sampled	# Waterbodies		
<input type="checkbox"/> Estuary/Marine				
<input checked="" type="checkbox"/> River/Stream	3	15-20		
<input checked="" type="checkbox"/> Beaches	3	1		
<input type="checkbox"/> Wells				
<input checked="" type="checkbox"/> Wetlands	2	10-12		
<input type="checkbox"/> Lakes				
<input checked="" type="checkbox"/> Ponds	3	8-10		
<input type="checkbox"/> Other				
12. Sampled Parameter	Schedule	Sampled Parameter	Schedule	
Water Temperature	M	Pesticides		
pH	M	Chlorophyll		
Hardness	S	Aquatic Vegetation	A	
Turbidity	S	Macroinvertebrates	M	
Chlorides		Fish		
Nitrates	S	Coliform Bacteria	S	
Phosphates	S	Other Bacteria	S	
TSS/TDS	S	Birds/Wildlife	S	
BOD	S	Debris Cleanup		
Dissolved Oxygen	M	Rainfall	D	
Secchi Transparency		Photographic Surveys		
Alkalinity	S	Pipe Surveys		
Flow/Gauge	S	Watershed Mapping		
Salinity		Sediment Assessments		
Metals		Site Inspections		
Hydrocarbons		Habitat Assessments	M	
Carbon Dioxide	M			

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   ✓ - Applicable, but number not given

DEP Region: Southeast

Subbasin: Lower Delaware (3)

County: Philadelphia



# STONY CREEK CONEMAUGH RIVER IMPROVEMENT (SCRIP)

<b>Address:</b> Box 153 Johnstown, PA 15907-0153	<b>Phone:</b> 814-445-4652
	<b>FAX:</b> 814-443-1592
	<b>INTERNET</b> <a href="http://ctcnet.ctc.com\scrip\scrip.htm">http://ctcnet.ctc.com\scrip\scrip.htm</a> .

Program Administration			
<b>Program Coordinator(s):</b>	David A. Steele, Len Lichvar, Brad Clemenson, Joe Gordon		
<b>Program Affiliate(s):</b>	Somerset & Cambria Conservation Districts, Cambria Conserv. Recreation Auth.		
<b>Year Founded:</b>	1990	<b>Staff:</b> N/A	<b>Active Volunteers:</b> 25

Total Funding	Percent Funding By Source		
Approx. Annual Budget: N/A	<b>State:</b>	<b>Foundation:</b>	<b>Dues:</b>
	<b>Federal:</b>	<b>Corporate:</b>	<b>Other:</b>

<b>Data Used For</b>	<input checked="" type="checkbox"/> Nonpoint Assessment <input checked="" type="checkbox"/> Problem ID <input checked="" type="checkbox"/> Education <input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> Water Classification/Std <input type="checkbox"/> Enforcement <input type="checkbox"/> Legislation <input type="checkbox"/> 305(b)	<b>School Involvement</b>
<input checked="" type="checkbox"/> Watershed Planning <input checked="" type="checkbox"/> Local Decision Making <input type="checkbox"/> Research			<input type="checkbox"/> Elementary <input checked="" type="checkbox"/> Middle/High <input checked="" type="checkbox"/> College/Univ.

Data Used By	Notes
<input type="checkbox"/> Local Government <input type="checkbox"/> State Government <input type="checkbox"/> Federal Government	
<input type="checkbox"/> Academics <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry	

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	110	30
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	X	Pesticides	
pH	X	Chlorophyll	
Hardness	X	Aquatic Vegetation	
Turbidity		Macroinvertebrates	
Chlorides		Fish	
Nitrates		Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS	X	Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen		Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity	X	Pipe Surveys	
Flow/Gauge	X	Watershed Mapping	X
Salinity		Sediment Assessments	
Metals	X	Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily W - Weekly BW - Biweekly M - Monthly BM - Bimonthly Q - Quarterly S - Semiannual A - Annual X - Other  
 NA - Not Available or Not Applicable ✓ - Applicable, but number not given

DEP Region: Southwest Subbasin: Lower Allegheny River (18) County: Somerset & Cambria

# STREAMWATCH c/o OWEN J. ROBERTS MIDDLE SCHOOL

Address:  881 Ridge Road Pottstown, PA 19465	Phone: 610-469-0983
	FAX: 610-469-0983
	INTERNET ADDRESS: N/A

Program Administration			
Program Coordinator(s):	David Jarrie & Tamie Bouloutian		
Program Affiliate(s):	Stroud Water Research Center, Chester Co. Parks & Recreation		
Year Founded:	1995	Staff: 2	Active Volunteers: 44

Total Funding	Percent Funding By Source N/A		
Approx. Annual Budget: N/A	State:	Foundation:	Dues:
	Federal:	Corporate:	Other:

<b>Data Used For</b>	<input type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	<b>School Involvement</b>
<input type="checkbox"/> Watershed Planning	<input type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input checked="" type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By			Notes	
<input checked="" type="checkbox"/> Local Government	<input checked="" type="checkbox"/> Academics	<input type="checkbox"/> State Government	STREAMWATCH is an interdisciplinary study of watersheds. As part of the program students:	
<input type="checkbox"/> Federal Government	<input type="checkbox"/> Advocacy Groups	<input type="checkbox"/> Industry		
<b>11. Environment</b>	<b># Stations Sampled</b>	<b># Waterbodies</b>		
<input type="checkbox"/> Estuary/Marine				
<input checked="" type="checkbox"/> River/Stream	6	2	* conduct physical, chemical, geological and biological studies of local streams	
<input type="checkbox"/> Beaches			* examine the role of natural phenomena through field work	
<input type="checkbox"/> Wells			* study the history of the Delaware Valley watershed from the Lenni Lenape to modern day	
<input checked="" type="checkbox"/> Wetlands	To be	determined	* study the development of global civilization around watersheds	
<input type="checkbox"/> Lakes			* share their information with other educational and scientific organizations around the country	
<input checked="" type="checkbox"/> Ponds	11	11	Most studies are conducted on French and Pickering Creeks.	
<input type="checkbox"/> Other				
12. Sampled Parameter	Schedule	Sampled Parameter	Schedule	
Water Temperature	M	Pesticides		
pH	M	Chlorophyll		
Hardness		Aquatic Vegetation	M	
Turbidity	M	Macroinvertebrates	M	
Chlorides		Fish	S/A	
Nitrates	M	Coliform Bacteria		
Phosphates	M	Other Bacteria		
TSS/TDS		Birds/Wildlife	A	
BOD	M	Debris Cleanup		
Dissolved Oxygen	M	Rainfall	M	
Secchi Transparency	M	Photographic Surveys		
Alkalinity		Pipe Surveys		
Flow/Gauge	M	Watershed Mapping	A	
Salinity		Sediment Assessments	M	
Metals		Site Inspections		
Hydrocarbons		Habitat Assessments	M	

D - Daily W - Weekly BW - Biweekly M - Monthly BM - Bimonthly Q - Quarterly S - Semiannual A - Annual X - Other  
 NA - Not Available or Not Applicable ✓ - Applicable, but number not given

DEP Region: Southeast

Subbasin: Lower Delaware River (3)

County: Chester



# SUSQUEHANNA RIVER WETLANDS TRUST

Address:  229 Pepper Street Muncy, PA 17756-1608	Phone: 717-546-3073
	FAX: N/A
	INTERNET ADDRESS: email cachara@ix.

Program Administration			
Program Coordinator(s):	Raymond J. Cachara and Donald F. Wilson		
Program Affiliate(s):	Mark Boyen and Gregg Fink		
Year Founded:	1985	Staff: 2	Active Volunteers: 2

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$8,000	State:	Foundation:	Dues:
	Federal:	Corporate:	Other: 100%

Data Used For	<input type="checkbox"/> Nonpoint Assessment	<input checked="" type="checkbox"/> Water Classification/Std	School Involvement
<input type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input checked="" type="checkbox"/> Local Decision Making	<input type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input type="checkbox"/> Middle/High
<input checked="" type="checkbox"/> Research	<input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By	Notes
<input type="checkbox"/> Local Government <input type="checkbox"/> Academics <input type="checkbox"/> State Government <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	This group previously monitored the Loyalsock and Muncy Creeks. They are presently working with the U.S. Fish and Wildlife Service to do wetland plantings. They are also associated with the Susquehanna River Water Fowlers Association. They plan to resume water quality monitoring in the future.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream		3
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input checked="" type="checkbox"/> Wetlands		3
<input type="checkbox"/> Lakes		
<input checked="" type="checkbox"/> Ponds		1
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature		Pesticides	
pH	M	Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity		Macroinvertebrates	
Chlorides		Fish	
Nitrates		Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	A
BOD		Debris Cleanup	A
Dissolved Oxygen		Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	A
Hydrocarbons		Habitat Assessments	A

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   ✓ - Applicable, but number not given

DEP Region: Northcentral      Subbasin: Lower West Branch Susquehanna River (10)      County: Lycoming

# TOBYCREEK WATERSHED ASSOCIATION, INC.

Address:  P.O. Box 247 Brockway, PA 15824	Phone: 814-265-8749  FAX: 814-265-8749  INTERNET ADDRESS: N/A
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<b>Program Administration</b>			
Program Coordinator(s): William J. Sabatose		Program Affiliate(s):	
Year Founded: 1967	Staff:	Active Volunteers: 125	

<b>Total Funding</b>	<b>Percent Funding By Source</b>		
Approx. Annual Budget: 35,000	State:	Foundation:	Dues: 80%
	Federal:	Corporate: 20%	Other:

<b>Data Used For</b>	<input checked="" type="checkbox"/> Nonpoint Assessment <input checked="" type="checkbox"/> Problem ID <input type="checkbox"/> Education <input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> Water Classification/Std's <input checked="" type="checkbox"/> Enforcement <input type="checkbox"/> Legislation <input type="checkbox"/> 305(b)	<b>School Involvement</b>
<input checked="" type="checkbox"/> Watershed Planning <input type="checkbox"/> Local Decision Making <input type="checkbox"/> Research			<input type="checkbox"/> Elementary <input checked="" type="checkbox"/> Middle/High <input type="checkbox"/> College/Univ.

<b>Data Used By</b>	<b>Notes</b>
<input type="checkbox"/> Local Government <input type="checkbox"/> State Government <input type="checkbox"/> Federal Government <input type="checkbox"/> Academics <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry	Studies are continuous on Little Toby Creek. The Watershed Association is involved in partnerships with NRCS, DEP & PAFBC.

11. Environment	# Stations Sampled	# Waterbodies	
<input type="checkbox"/> Estuary/Marine			The group has conducted six major projects over the years to divert water away from deep mines in the area. A number of deep mines were also sealed, and at half of them, acid mine drainage was successfully abated.
<input checked="" type="checkbox"/> River/Stream	20	1	
<input type="checkbox"/> Beaches			
<input type="checkbox"/> Wells			
<input checked="" type="checkbox"/> Wetlands	5	1	
<input type="checkbox"/> Lakes			
<input type="checkbox"/> Ponds			
<input type="checkbox"/> Other			

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule	
Water Temperature	✓	Pesticides		
pH	✓	Chlorophyll		
Hardness	✓	Aquatic Vegetation		
Turbidity		Macroinvertebrates		
Chlorides		Fish		
Nitrates		Coliform Bacteria		
Phosphates		Other Bacteria		
TSS/TDS		Birds/Wildlife		
BOD		Debris Cleanup		
Dissolved Oxygen	✓	Rainfall		
Secchi Transparency		Photographic Surveys		
Alkalinity	✓	Pipe Surveys		
Flow/Gauge	✓	Watershed Mapping		
Salinity		Sediment Assessments	✓	
Metals	✓	Site Inspections		
Hydrocarbons		Habitat Assessments		

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   ✓ - Applicable, but number not given

DEP Region: Northwest                      Subbasin: Central Allegheny River (17)                      County: Jefferson

# TOBYHANNA CREEK/TUNKHANNOCK CREEK WATERSHED ASSOCIATION

Address:  P.O. Box 796 Pocono Lake, PA 18347	Phone: 717-643-2001
	FAX: 717-643-1295 Attn: W. Shirk
	INTERNET ADDRESS: N/A

<b>Program Administration</b>			
Program Coordinator(s): Wesley H. Shirk, Jr., President			
Program Affiliate(s):			
Year Founded: 1992	Staff:	Active Volunteers: 28	

<b>Total Funding</b>	<b>Percent Funding By Source</b>		
Approx. Annual Budget: \$2500	State:	Foundation:	Dues: 100%
	Federal:	Corporate:	Other:

<b>Data Used For</b>	<input checked="" type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	<b>School Involvement</b>
<input checked="" type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input type="checkbox"/> Middle/High
<input type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

<b>Data Used By</b>	<b>Notes</b>
<input checked="" type="checkbox"/> Local Government	In addition to the continuous monitoring of streams in the watershed, the association sponsors an award to Tobyhanna Elementary Center for a student who demonstrates interest in conservation.
<input checked="" type="checkbox"/> State Government	
<input checked="" type="checkbox"/> Federal Government	
<input type="checkbox"/> Academics	
<input checked="" type="checkbox"/> Advocacy Groups	The Association is also involved in a watershed analysis to devise a stormwater management plan.
<input type="checkbox"/> Industry	Training for volunteer monitors has been provided by the Monroe County Planning Commission and EPA.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	19	13
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	M	Pesticides	
pH	M	Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity		Macroinvertebrates	A
Chlorides		Fish	
Nitrates		Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen		Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	M
Hydrocarbons		Habitat Assessments	M

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   ✓ - Applicable, but number not given

DEP Region: Northeast

Subbasin: Upper Delaware River (1)

County: Monroe

# TURTLE CREEK WATERSHED ASSOCIATION, INC.

<b>Address:</b>  600 Braddock Avenue, Suite 6 Turtle Creek, PA 15145	Phone: 412-829-5042  FAX: 412-829-5042  INTERNET ADDRESS: n/a
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<b>Program Administration</b>			
Program Coordinator(s):	Tom Page		
Program Affiliate(s):	St. Vincent College, AmeriCorps, Franklin Twp. Municipal San. Authority		
Year Founded:	1970	Staff: 10	Active Volunteers: 15

<b>Total Funding</b>	<b>Percent Funding By Source</b>		
Approx. Annual Budget: varies	State:	Foundation: 20%	Dues: 10%
	Federal:	Corporate: 20%	Other: 50%

<b>Data Used For</b>	<input checked="" type="checkbox"/> Nonpoint Assessment <input checked="" type="checkbox"/> Problem ID <input checked="" type="checkbox"/> Education <input checked="" type="checkbox"/> Habitat Restoration	<input checked="" type="checkbox"/> Water Classification/Std's <input checked="" type="checkbox"/> Enforcement <input type="checkbox"/> Legislation <input type="checkbox"/> 305(b)	<b>School Involvement</b>
<input checked="" type="checkbox"/> Watershed Planning <input checked="" type="checkbox"/> Local Decision Making <input checked="" type="checkbox"/> Research			<input checked="" type="checkbox"/> Elementary <input checked="" type="checkbox"/> Middle/High <input checked="" type="checkbox"/> College/Univ.

<b>Data Used By</b>	<b>Notes</b>
Local Government      Academics State Government      Advocacy Groups Federal Government      Industry	The goals of the Turtle Creek Watershed Association, Inc. are to preserve and protect natural resources; educate the community about important environmental issues; monitor and improve water quality; and work with responsible agencies to encourage wise land use planning in the Turtle Creek Watershed. The Association has an Acid Mine Drainage Subcommittee that recently completed an abatement project in the watershed by building a limestone diversion well.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	17	3
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	D	Pesticides	
pH	D	Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity		Macroinvertebrates	X/S
Chlorides		Fish	X/S
Nitrates		Coliform Bacteria	
Phosphates		Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	A
Dissolved Oxygen	M	Rainfall	D
Secchi Transparency		Photographic Surveys	
Alkalinity	M	Pipe Surveys	
Flow/Gauge	M	Watershed Mapping	X
Salinity		Sediment Assessments	X
Metals	M	Site Inspections	X
Hydrocarbons		Habitat Assessments	

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable    ✓ - Applicable, but number not given

DEP Region: Southwest

Subbasin: Monongahela River (19)

County: Allegheny

# WASHINGTON COUNTY GROUNDWATER COALITION

Address:  100 W. Beau St., Suite 602 Washington, PA 15301-4402	Phone: 412-228-6774
	FAX: 412-223-4682
	INTERNET ADDRESS:

Program Administration			
Program Coordinator(s):	Joan Jessen, Sheila Burcin, Launa Haney Post, Gary Stokom		
Program Affiliate(s):	League of Women Voters - PA; Washington Cnty. Cons. Dist.; California Univ. of PA		
Year Founded:	1993	Staff: 4	Active Volunteers: 10

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$500	State: Federal: 20%	Foundation: Corporate:	Dues: Other: 80%

<b>Data Used For</b>	<input type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	<b>School Involvement</b>
<input type="checkbox"/> Watershed Planning	<input type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input type="checkbox"/> Middle/High
<input checked="" type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input checked="" type="checkbox"/> College/Univ.

Data Used By	Notes
<input type="checkbox"/> Local Government <input type="checkbox"/> State Government <input type="checkbox"/> Federal Government <input checked="" type="checkbox"/> Academics <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry	This project was undertaken to add to the database for Washington County and will continue indefinitely depending on available funds. Coordinators may adjust sites for the next round of testing. The data generated is available to municipalities and has been reported to individuals and organizations. Activities include a children's groundwater festival.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	30	25
<input type="checkbox"/> Beaches		
<input checked="" type="checkbox"/> Wells	37	
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input checked="" type="checkbox"/> Other: Springs	23	

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	S	Pesticides	
pH	S	Chlorophyll	
Hardness	S	Aquatic Vegetation	
Turbidity		Macroinvertebrates	
Chlorides	S	Fish	
Nitrates	S	Coliform Bacteria	
Phosphates	S	Other Bacteria	
TSS/TDS	S	Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen		Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals: Aluminum	S	Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   ✓ - Applicable, but number not given

DEP Region: Southwest

Subbasin: Monongahela River (19)

County: Washington

# WATER-LENS

Address:  Walnut Creek Middle School 5901 Sterrettania Road Fairview, PA 16415-2700	Phone: 814-835-5700
	FAX: 814-835-5710
	INTERNET ADDRESS: jobs@troy.mtsd.k12.pa.us

Program Administration			
Program Coordinator(s):	Judy Jobs		
Program Affiliate(s):			
Year Founded:	1994	Staff: N/A	Active Volunteers: 8

Total Funding	Percent Funding By Source		
Approx. Annual Budget: 0	State:	Foundation:	Dues:
	Federal:	Corporate:	Other:

<b>Data Used For</b>	<input type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	<b>School Involvement</b>
<input type="checkbox"/> Watershed Planning	<input type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By	Notes
<input type="checkbox"/> Local Government <input checked="" type="checkbox"/> Academics <input type="checkbox"/> State Government <input type="checkbox"/> Advocacy Groups <input type="checkbox"/> Federal Government <input type="checkbox"/> Industry	Studies are conducted on Walnut Creek. Students raise money for the monitoring activities.

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	1	1
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	M	Pesticides	
pH	M	Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity	M	Macroinvertebrates	M
Chlorides		Fish	
Nitrates	M	Coliform Bacteria	M
Phosphates	M	Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen	M	Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	

D - Daily    W - Weekly    BW - Biweekly    M - Monthly    BM - Bimonthly    Q - Quarterly    S - Semiannual    A - Annual    X - Other  
 NA - Not Available or Not Applicable    ✓ - Applicable, but number not given

DEP Region: Northwest

Subbasin: Lake Erie (15)

County: Erie

# WATERSHED PROGRAM

<b>Address:</b>  Radnor Middle School 131 South Wayne Avenue Wayne, PA 19087	Phone: 610-688-8100, ext. 271  FAX: 610-688-2491  INTERNET ADDRESS: edsilcox@itrc.dciu.k12.pa.us
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<b>Program Administration</b>			
Program Coordinator(s):	Mark Springer/Ed Silcox		
Program Affiliate(s):	Darby Creek Valley Association/Brandywine Valley Association/Turner Middle School		
Year Founded:	1987	Staff: 2	Active Volunteers: 36

<b>Total Funding</b>	<b>Percent Funding By Source</b>	
Approx. Annual Budget: N/A	State: Federal:	Foundation: Corporate:  Dues: Other: 100% School District

<b>Data Used For</b>	<input type="checkbox"/> Nonpoint Assessment <input type="checkbox"/> Problem ID <input checked="" type="checkbox"/> Education <input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> Water Classification/Std's <input type="checkbox"/> Enforcement <input type="checkbox"/> Legislation <input type="checkbox"/> 305(b)	<b>School Involvement</b>
<input type="checkbox"/> Watershed Planning <input type="checkbox"/> Local Decision Making <input type="checkbox"/> Research			<input type="checkbox"/> Elementary <input checked="" type="checkbox"/> Middle/High <input type="checkbox"/> College/Univ.

<b>Data Used By</b>	<b>Notes</b>
<input type="checkbox"/> Local Government <input type="checkbox"/> State Government <input type="checkbox"/> Federal Government <input checked="" type="checkbox"/> Academics <input checked="" type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry	Monitoring is completed by seventh grade students on the following streams:

11. Environment	# Stations Sampled	# Waterbodies	
<input type="checkbox"/> Estuary/Marine			<ul style="list-style-type: none"> <li>●Ridley Creek</li> <li>●Chester Creek</li> <li>●Saw Mill Run</li> <li>●Darby Creek &amp; tribs.</li> <li>●Wissahickon Creek</li> <li>●Valley Creek</li> <li>●Gulph Creek</li> <li>●Mill Creek</li> <li>●Crum Creek</li> </ul>
<input checked="" type="checkbox"/> River/Stream	20+	10+	
<input type="checkbox"/> Beaches			
<input type="checkbox"/> Wells			
<input type="checkbox"/> Wetlands			
<input type="checkbox"/> Lakes			
<input type="checkbox"/> Ponds			
<input type="checkbox"/> Other			

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	M	Pesticides	
pH	M	Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity	M	Macroinvertebrates	M
Chlorides		Fish	
Nitrates	M	Coliform Bacteria	M
Phosphates	M	Other Bacteria	
TSS/TDS	M	Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen	M	Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity		Pipe Surveys	
Flow/Gauge	M	Watershed Mapping	M
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	
Conducting	M		

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   ✓ - Applicable, but number not given

DEP Region: Southeast

Subbasin: Lower Delaware River (3)

County: Delaware





# WHITE CLAY WATERSHED ASSOCIATION

Address:  c/o Bern Sweeney Stroud Water Research Center 512 Spencer Road Avondale, PA 19311	Phone: 610-268-2153
	FAX: 610-268-0490
	INTERNET ADDRESS:

Program Administration			
Program Coordinator(s):	Bern Sweeney		
Program Affiliate(s):			
Year Founded:	1970	Staff: 0	Active Volunteers: 10-20

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$5 - 10,000	State:	Foundation:	Dues: 90%
	Federal:	Corporate:	Other: 10%

Data Used For	<input checked="" type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std's	School Involvement
<input checked="" type="checkbox"/> Watershed Planning	<input type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input checked="" type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input checked="" type="checkbox"/> Middle/High
<input checked="" type="checkbox"/> Research	<input type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input type="checkbox"/> College/Univ.

Data Used By	Notes
<input checked="" type="checkbox"/> Local Government <input type="checkbox"/> State Government <input type="checkbox"/> Federal Government <input checked="" type="checkbox"/> Academics <input checked="" type="checkbox"/> Advocacy Groups <input type="checkbox"/> Industry	<p>The White Clay Watershed Association (WCWA) was formed in 1965 in response to local public concern regarding a proposal to build a major dam across the White Clay Creek (WCC). Initiated by the WCWA, opposition to the proposal reached formidable strength when other civic groups voiced their environmental concern. As a result, the dam project was abandoned and the land, about 1,750 acres which would have been flooded, was subsequently designated a public bi-state preserve to be jointly administered by Delaware and Pennsylvania. Today, the WCWA is an important force working to preserve and protect the quality and quantity of water in the WCC.</p>

11. Environment	# Stations Sampled	# Waterbodies
<input type="checkbox"/> Estuary/Marine		
<input checked="" type="checkbox"/> River/Stream	14	1
<input type="checkbox"/> Beaches		
<input type="checkbox"/> Wells		
<input type="checkbox"/> Wetlands		
<input type="checkbox"/> Lakes		
<input type="checkbox"/> Ponds		
<input type="checkbox"/> Other		

12. Sampled Parameter	Schedule	Sampled Parameter	Schedule
Water Temperature	A	Pesticides	
pH	A	Chlorophyll	
Hardness		Aquatic Vegetation	
Turbidity		Macroinvertebrates	A
Chlorides		Fish	
Nitrates	A	Coliform Bacteria	
Phosphates	A	Other Bacteria	
TSS/TDS		Birds/Wildlife	
BOD		Debris Cleanup	
Dissolved Oxygen	A	Rainfall	
Secchi Transparency		Photographic Surveys	
Alkalinity	A	Pipe Surveys	
Flow/Gauge		Watershed Mapping	
Salinity		Sediment Assessments	
Metals		Site Inspections	
Hydrocarbons		Habitat Assessments	

The Stroud Water Research Center a field laboratory of the Academy of Natural Sciences of Philadelphia, is dedicated to the study of stream and river ecosystems. Research teams with expertise in chemistry, microbial ecology, invertebrate biology, and watershed modeling study the physical, chemical, and biological processes of streams, rivers, and their watersheds. The White Clay Creek Streamwatch, a collaborative effort of the Stroud Center and White Clay Watershed Association, began in 1990 due to concerns caused by the rapid development taking place in the watershed. The Academy of Natural Sciences' pioneering work in utilizing aquatic organisms to assess water quality and the Stroud Centers expertise with macroinvertebrates led to the development of a technically based, volunteer driven biomonitoring program.

D - Daily   W - Weekly   BW - Biweekly   M - Monthly   BM - Bimonthly   Q - Quarterly   S - Semiannual   A - Annual   X - Other  
 NA - Not Available or Not Applicable   √ - Applicable, but number not given

DEP Region: Southeast                      Subbasin: Lower Delaware River Subbasin (3)                      County: Chester

# WILDLANDS CONSERVANCY, INC.

Address:  3701 Orchid Place Emmaus, PA 18049-1637	Phone: 610-965-4397
	FAX: 610-965-7223
	INTERNET ADDRESS: N/A

Program Administration			
Program Coordinator(s):	Jennifer Robinson - Director of Stream Conservation Program		
Program Affiliate(s):	Local, state & federal govt. agencies, colleges, businesses and conservation districts		
Year Founded:	1973	Staff: 3	Active Volunteers: 2

Total Funding	Percent Funding By Source		
Approx. Annual Budget: \$100,000	State: 30%	Foundation: 30%	Dues: 15%
	Federal:	Corporate: 15%	Other:

Data Used For	<input checked="" type="checkbox"/> Nonpoint Assessment	<input type="checkbox"/> Water Classification/Std	School Involvement
<input checked="" type="checkbox"/> Watershed Planning	<input checked="" type="checkbox"/> Problem ID	<input type="checkbox"/> Enforcement	<input type="checkbox"/> Elementary
<input checked="" type="checkbox"/> Local Decision Making	<input checked="" type="checkbox"/> Education	<input type="checkbox"/> Legislation	<input type="checkbox"/> Middle/High
<input checked="" type="checkbox"/> Research	<input checked="" type="checkbox"/> Habitat Restoration	<input type="checkbox"/> 305(b)	<input checked="" type="checkbox"/> College/Univ.

Data Used By			Notes	
<input checked="" type="checkbox"/> Local Government	<input checked="" type="checkbox"/> Academics	Studies are conducted on the following:		
<input checked="" type="checkbox"/> State Government	<input checked="" type="checkbox"/> Advocacy Groups	<ul style="list-style-type: none"> <li>● Little Lehigh Creek</li> <li>● Monocacy Creek</li> <li>● Nescopeck Creek</li> <li>● Jordan Creek</li> <li>● Lehigh River</li> </ul>		
<input type="checkbox"/> Federal Government	<input type="checkbox"/> Industry			
11. Environment	# Stations Sampled	# Waterbodies		
<input type="checkbox"/> Estuary/Marine				
<input checked="" type="checkbox"/> River/Stream	10-20 per waterbody	7		
<input type="checkbox"/> Beaches				
<input type="checkbox"/> Wells				
<input type="checkbox"/> Wetlands				
<input type="checkbox"/> Lakes				
<input type="checkbox"/> Ponds				
<input type="checkbox"/> Other				
12. Sampled Parameter	Schedule	Sampled Parameter	Schedule	
Water Temperature	W	Pesticides		
pH	W	Chlorophyll		
Hardness	W	Aquatic Vegetation		
Turbidity	W	Macroinvertebrates	Q	
Chlorides	W	Fish		
Nitrates	W	Coliform Bacteria		
Phosphates	W	Other Bacteria		
TSS/TDS	W	Birds/Wildlife		
BOD	W	Debris Cleanup	S	
Dissolved Oxygen	W	Rainfall	D	
Secchi Transparency		Photographic Surveys	A	
Alkalinity	W	Pipe Surveys	X	
Flow/Gauge	D	Watershed Mapping		
Salinity		Sediment Assessments	X	
Metals		Site Inspections	X	
Hydrocarbons		Habitat Assessments	X	

D - Daily W - Weekly BW - Biweekly M - Monthly BM - Bimonthly Q - Quarterly S - Semiannual A - Annual X - Other  
 NA - Not Available or Not Applicable ✓ - Applicable, but number not given

DEP Region: Northeast

Subbasin: Central Delaware River (2)

County: Lehigh

**APPENDIX B**  
**GROUPS BY STATE WATER PLAN SUBBASIN**

The maps that follow are enlargements of subbasins as depicted below on the Pennsylvania State Water Plan. Only "major" streams are named on the individual subbasin maps that follow. "Major" streams are considered to be interstate and intrastate waters that drain areas of roughly 200 square miles or greater. The numbers on the individual maps show the location of reference stations on the Pennsylvania Water Quality Network. The results of the survey indicate that groups are actively monitoring in 16 of the 20 subbasins. On each of those 16 maps, a group name and arrow depicts the approximate locations of monitoring activities for that group.