ALLEGHENY COUNTY STORMWATER MANAGEMENT PLAN PHASE I REPORT

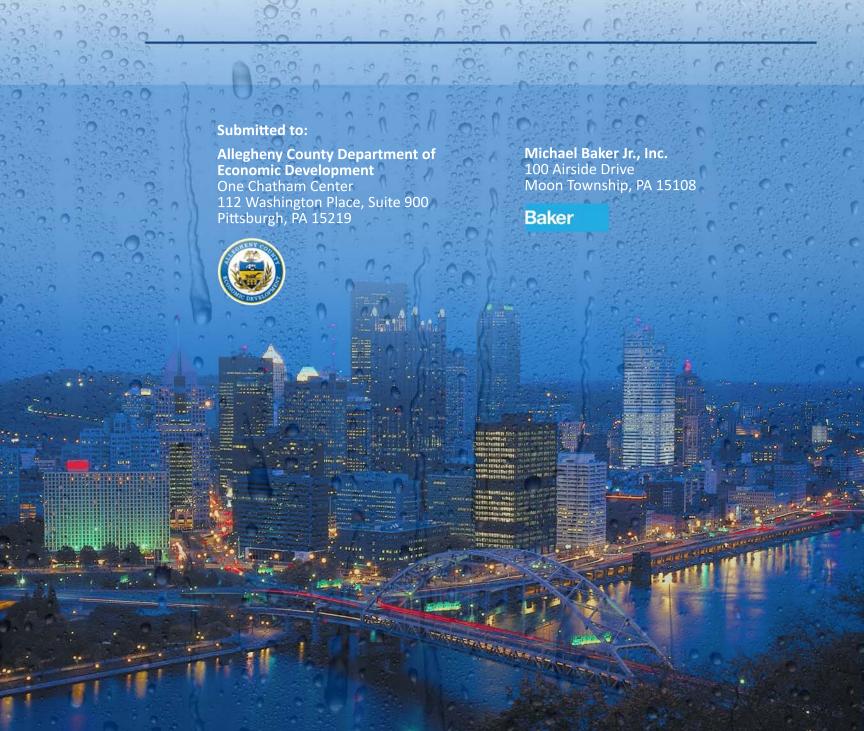


TABLE OF CONTENTS

INTRODUCTION	3
STORMWATER RUNOFF - ITS PROBLEMS AND ITS SOLUTIONS	
PA STORMWATER MANAGEMENT ACT (ACT 167)	
ACT 167 PLANNING FOR ALLEGHENY COUNTY	4
BENEFITS OF THE PLAN	
APPROACH FOR THE DEVELOPMENT OF THE STORMWATER MANAGEMENT PLAN	5
THE NEED FOR A COMPREHENSIVE APPROACH FOR STORMWATER MANAGEMENT	
- GOALS AND OBJECTIVES	5
Integrated watershed planning	7
Previous Plan Efforts	
GENERAL COUNTY DESCRIPTION	
POLITICAL JURISDICTIONS	
TRANSPORTATION	
GENERAL DEVELOPMENT PATTERNS	
WATER RESOURCES	
SURFACE WATER QUALITY	
IMPAIRED STREAMS	
CLIMATE	
GEOLOGY/PHYSIOGRAPHY	
SOILS	
SLOPES	
FLOODPLAINS/FLOODWAYS	
PHASE I PLANNING PROCESS	
PADEP AND ALLEGHENY COUNTY	
ENGINEERING CONSULTANT SELECTION	1/
CREATION AND DISTRIBUTION OF THE INFORMATION REQUEST FORM AND FORM A	4-
- STORMWATER PROBLEM AREAS	
ESTABLISHMENT OF A WPAC	
WPAC MEETINGS	
PHASE I REPORT	
Submission of Phase I report to Padep	
INFORMATION REQUEST FORM AND FORM A DISCUSSION	
Information request form results	
FORM A – STORMWATER PROBLEM AREAS RESULTS	
PHASE II DISCUSSION	
Items to be addressed in Phase II	
MUNICIPALITIES' RESPONSIBILITIES AFTER THE ADOPTION OF THE PLAN	22
GENERAL WORK PLAN	23
WPAC	23
MUNICIPAL ENGINEERS PARTICIPATION	
LEGAL ADVISORY PARTICIPATION	233
STANDARDS	
ROLES OF COUNTY AND CONSULTANT	23
Phase II Costs	24
WORK SCHEDULE	24
REFERENCES	25

LIST OF APPENDICES

All I LINDIA A MICEGINETY COUNTY DUSC INIU	APPENDIX A -	Allegheny County Base Maj
--	--------------	---------------------------

APPENDIX B - DEP Designated Watersheds

APPENDIX C - Stream Quality Data

APPENDIX D - Information Request Form and Form A

APPENDIX E - Information Request Form and Form A Summary of Results

APPENDIX F - Problem Area Identification Maps

APPENDIX G - Future Watershed Study Maps

APPENDIX H - Phase II Scope of Work

APPENDIX I - Phase II Proposed Schedule

INTRODUCTION

STORMWATER RUNOFF – ITS PROBLEMS AND ITS SOLUTIONS

The water that runs off the land into surface waters during and immediately following a rainfall event is referred to as stormwater. In watersheds undergoing urban expansion, the volume of stormwater resulting from a particular rainfall event increases because of the increase of impervious land area (i.e., natural land covered by pavement, concrete, or buildings). That is, the alteration of natural land cover and land contours by residential, commercial, industrial, forestry and farmland uses resulting in decreased infiltration of rainfall and an increased rate and volume of stormwater runoff.

The need for stormwater management in Pennsylvania (PA) has been demonstrated repeatedly in the past. As a result of continued development, the increased volume and rate of stormwater runoff causes environmental impacts including flooding, stream channel erosion and siltation, water quality degradation, and reduced groundwater recharge. Cumulative effects of development in some areas of a watershed can result in flooding of natural watercourses with associated costly property damages.

History has shown that individual land development projects are often viewed as separate incidents and are not necessarily part of the bigger picture of urbanization. This has also been the case when the individual land development projects are scattered throughout a watershed within many different municipalities. The cumulative nature of individual land surface changes dramatically affects runoff and flooding conditions. This cumulative effect of development has resulted in flooding of both small and large streams with associated property damages and even causing loss of life. Therefore, given the distributed and cumulative nature of the land alteration process, a comprehensive approach must be taken if a reasonable and practical management and implementation approach or strategy is to be successful.

PA STORMWATER MANAGEMENT ACT (ACT 167)

Recognizing the need to deal with serious and growing problems of extensive damage from uncontrolled stormwater runoff, the PA General Assembly enacted Act of Oct. 4, 1978, P.L. 864, No. 167 (Act 167). The Statement of Legislative Findings (Section 2) of Act 167 sums up the critical interrelationship among development, accelerated runoff, and floodplain management.

Specifically, this statement points out that:

"Inadequate management of accelerated runoff of storm water resulting from development throughout a watershed increases flood flows and velocities, contributes to erosion and sedimentation, overtaxes the carrying capacity of streams and storm sewers, greatly increases the cost of public facilities to carry and control storm water, undermines floodplain management and flood control efforts in downstream communities, reduces groundwater recharge, and threatens public health and safety. A comprehensive program of stormwater management, including reasonable regulation of development and activities causing accelerated runoff, is fundamental to the public health, safety and welfare and the protection of the people of the Commonwealth, their resources, and the environment."

Prior to the passage of Act 167, management of stormwater has typically been regulated on a municipal level with little or no consistency among adjoining municipalities in the same watershed regarding the types or degree of stormwater control required. Stormwater management had been oriented primarily toward addressing the increase in peak runoff rates discharging from individual development sites to protect property immediately downstream. Minimal attention had been given to the effects on locations further downstream, frequently because they were located in another municipality or from designing stormwater controls within the context of an entire watershed. Since many municipalities do not have stormwater management ordinances or controls, the impacts from stormwater runoff may be exacerbated from additional development.

Beginning in 1978, Act 167 changed this approach by instituting a comprehensive program of stormwater planning and management on a watershed level. The Act requires PA counties to prepare and adopt Stormwater Management Plans (SMPs) for each watershed located in the County, as designated by the Pennsylvania Department of Environmental Protection (PADEP). Most importantly, these SMPs are to be prepared in consultation with municipalities located in the County, working through a Watershed Plan Advisory Committee (WPAC).

Traditionally, the SMPs provided stormwater standards and criteria for controlling rates of release and the volume of runoff for development for municipalities in each designated watershed, and the rules applied only to new development. In the past decade, PADEP updated its guidance document and developed a model stormwater ordinance to address water quality in addition to quantity, and to encourage counties to prepare SMPs on a county-wide basis as an alternative to the individual watershed planning approach. The new PADEP policy also stresses the opportunity for municipalities to retrofit existing sites to improve existing water quality impairments or existing problem area flooding sources. Furthermore, the SMP's goals and objectives will be developed and implemented to be consistent with the anti-degradation criteria of the PA Clean Streams Law and the federal National Pollutant Discharge Elimination System (NPDES) Phase II requirements.

The types and degree of control that are prescribed in the SMP must be based on the expected development pattern and hydrologic characteristics of each individual watershed within the County. The SMP, more specifically the standards and criteria, are to be developed from the technical evaluations performed in the analysis process, in order to respond to the "cause and effect" nature of existing and potential storm runoff impacts in each watershed. The final product of the Act 167 planning process will be a comprehensive SMP to be developed and implemented with a firm sensitivity to the overall needs of the municipalities in Allegheny County.

ACT 167 PLANNING FOR ALLEGHENY COUNTY

Given the above history and information, the countywide watershed planning process for Allegheny County must be designed with the individual watershed characteristics in mind as well as the resources (technical, political, and economic) of the County. The Phase I Scope of Study (SOS) presents the concept and approach that has been developed to fully meet these requirements, as well as the specific requirements of Act 167, for this county-wide watershed stormwater management project.

BENEFITS OF THE PLAN

The purpose and benefit of the SOS and SMP is to provide all of the municipalities in Allegheny County with an accurate and consistent plan implementation strategy and procedures for comprehensive stormwater management. Currently, there is a great deal of variance within the municipalities regarding implementation and enforcement of stormwater management regulations. Given the nature of storm runoff and its impacts, a critical objective of sound stormwater management planning is to provide for consistency of

stormwater management requirements throughout Allegheny County; preserve and restore the flood-carrying capacity of Commonwealth streams; preserve to the maximum extent practicable natural storm water runoff regimes and natural courses, current and cross-section of water of Commonwealth; and to protect and conserve groundwater and groundwater recharge areas. Therefore, the primary objective of the planning process is to develop a technical and institutional support document to encourage and/or support the consistency of regulations based on countywide and watershed-wide considerations.

The countywide planning approach recommended by PADEP also provides the municipalities with a considerable amount of useable technical information, such as a tabulation of obstructions and problem areas and a comprehensive program designated to preserve and restore the flood-carrying capacity of streams. Therefore, as a result of developing the SMP, municipalities and Allegheny County, will realize benefits and/or products that are useable for other planning purposes. For example, land use updates and environmental data management are necessary for effective planning in a specific watershed. The technical component of the SMP will provide unique environmental database management benefits for both the county and municipal use.

A new initiative from PADEP indicates that the SMP may investigate and provide solutions to correct existing problems. However, Act 167 funds have been deleted from the State budget; therefore, the SMP will initially only identify and summarize problem areas and will identify possible funding streams for project implementation. If and when funds become available, the SMP will provide the hydrology required to design proposed solutions and provide the potential conceptual solutions to correct these problems.

APPROACH FOR THE DEVELOPMENT OF THE STORMWATER MANAGEMENT PLAN

In order to implement countywide comprehensive planning and management of stormwater runoff, it was necessary to take a close look at major watersheds within Allegheny County during Phase I. The management of stormwater throughout the municipalities will be improved by their involvement throughout the planning process.

To initiate municipal level involvement in the overall development of the plan, a WPAC was formed and consists of the Allegheny County Department of Economic Development (ACED), all municipalities within the County, the Allegheny County Conservation District, the Pennsylvania Department of Transportation (PennDOT), and other interested organizations. The county was divided into three regions to accommodate the number of WPAC members, two (2) meetings with each WPAC region were held during Phase I to obtain general municipal and organizational commitment to the project and to distribute information request forms. Discussions from these meetings and an evaluation of the information request forms, in conjunction with in-house knowledge from Allegheny County and PADEP, determined to what level this SMP should be created.

THE NEED FOR A COMPREHENSIVE APPROACH FOR STORMWATER MANAGEMENT – GOALS AND OBJECTIVES

The overall goal of Allegheny County is to promote growth and development in a manner that maintains the high quality of life for its residents. The mission of ACED is to manage the economic and residential development for the county, a dynamic, multifaceted mission that includes these objectives:

- Attract new business to the County.
- Help businesses and institutions already (in the county) expand, modernize, and create jobs.
- Acquire and assemble sites for development and redevelopment.
- Assure that minority, woman-owned, and disadvantaged businesses participate fully in the County's growth.

- Help residents, developers, and non-profit agencies increase the stability of the County's residential neighborhoods.
- Support homeowners in the acquisition and renovation of their dwellings.
- Improve the County's housing stock.
- Ensure the vitality of neighborhood business districts.
- Aid the County's municipalities in updating infrastructure, including sewer and water systems, highways, and recreation amenities.
- Provide leadership for special projects, such as the community's response to natural disasters.
- Monitor and report on the compliance status of all projects and programs with Federal or State support.

The goals of the Act 167 planning process is to: encourage stormwater management and planning consistent with sound water and land use practices; authorize a comprehensive program of stormwater management designated to preserve and restore the flood-carrying capacity of Commonwealth streams; preserve to the maximum extent practicable natural stormwater runoff regimes and natural course, current, and cross-section of water of the Commonwealth; promote and encourage green solutions to alleviate stormwater problems; protect and conserve groundwater and groundwater recharge areas; and encourage local administration and management of stormwater consistent with the Commonwealth's duty as trustee of natural resources and the people's constitutional right to the preservation of natural, economic, scenic, aesthetic, recreational, and historic values of the environment. With coordination of the 130 municipalities in Allegheny County, the resulting SMP will address severe and ongoing stormwater-related problems in critical areas throughout the County. Furthermore, municipalities will be required to adopt stormwater management controls regulating development in a manner consistent with the approved SMP.

The goals and objectives determined through the planning process include: developing a SMP consistent with the goals and objectives of NPDES; reducing pollutants in stormwater to the maximum extent practicable (MEP); protecting water quality; providing a framework for consistency with construction stormwater activity permit requirements and the PA Stormwater BMP manual; addressing problem areas identified by the WPAC through the municipal questionnaire; preserving and restoring the flood-carrying capacity of streams; preserving to the maximum extent practicable the natural stormwater runoff regimes and natural course, current cross-section of waters of the Commonwealth; protecting and conserving groundwater and groundwater recharge areas; and improving water quality impairments.

Allegheny County is funding the development of the SOS through the County Capital Budget and it is critical to have support from the municipalities in the early stages of plan development. Phase II will result in the final SMP and model ordinance. More specifically, the development process for the SMP is as follows.

Phase I. The Scope of Study establishes procedures used to prepare the SMP. These procedures are determined by an overall survey of:

- Goals and objectives of the SMP.
- Stormwater-related problems and significant obstructions.
- Specific watershed characteristics and hydrologic conditions.
- Alternative measures for control.
- Cost.
- Solution strategy for problems identified.

Phase II. The technical assessment and development of the SMP including conceptual solutions to the stormwater problem areas and model ordinance that includes:

- Identification of administrative procedures for implementation of the SMP.
- Watershed modeling and planning.
- Conceptual solutions to identified problem areas.
- Development of technical standards and criteria for stormwater management.
- Public Hearing.
- Adoption by Allegheny County.
- Approval by PADEP.
- Adoption by all 130 municipalities.
- Municipal implementation.

INTEGRATED WATERSHED PLANNING

Through the development of the SMP, one of the key components for integrated watershed planning at a County level will be achieved. Given that the scope of a true integrated watershed plan exceeds the current objectives of the SMP, the SMP will be developed in a way that will allow for future incorporation within an integrated watershed plan. This will allow the current SMP to remain focused on its key objectives while also providing future benefit as part of a larger planning document.

PREVIOUS PLAN EFFORTS

Act 167 Stormwater Management Plans have been developed for the following watersheds: Little Sewickley Creek, Monongahela River, Montour Run, and Turtle Creek. In addition to these plans an Act 167 plan covering four watersheds; Girty's Run, Pine Creek, Squaw Run, and Deer Creek, has also been completed.

The Monongahela River Watershed Act 167 Stormwater Management Plan was developed in 1993 for the Allegheny County Department of Planning. The plan addressed stormwater peak flow and volume. The Monongahela River Act 167 Plan encompasses approximately 98 square miles. The plan was approved by DFP in June 1994.

The Flaugherty Run Watershed Act 167 Stormwater Management Plan was developed in 1998 for the Allegheny County Department of Economic Development. The plan addressed stormwater peak flow. The Flaugherty Run Act 167 Plan encompasses approximately 8.9 square miles. The Plan was approved by DEP in November 1998.

The Turtle Creek Watershed Act 167 Stormwater Management Plan was developed for Allegheny and Westmoreland Counties. This plan encompasses approximately 146 square miles. The plan was approved by DEP in December 1991. It should also be noted that the Turtle Creek Watershed River Conservation Plan was developed in 2002 for the Turtle Creek Watershed Association. The plan was written in 2002 but has not been officially adopted.

The Little Sewickley Creek Watershed Act 167 Stormwater Management Plan was developed in 2002 for the Allegheny County Department of Planning. The plan addressed stormwater peak flow. The Little Sewickley Creek Watershed Act 167 Plan encompasses approximately 10.1 square miles.

The Act 167 Stormwater Management Plan for the Girty's Run, Pine Creek, Squaw Run, and Deer Creek watersheds was prepared in 1981 for the North Hills Council of Governments and was most recently updated in April 2008. The plan addressed stormwater peak flow, volume, and water quality. It

encompasses 140 square miles. The plan was previously approved by DEP in March 1986 and the most recent update was approved in March 2008.

The Montour Run Watershed Stormwater Management Plan was developed in 1989 for the Allegheny County Planning Department. The plan addressed stormwater peak flow and encompasses 36.6 square miles. The plan was approved by DEP in February 1990.

In addition, the following relevant documents have been prepared and will provide to be valuable sources of information for the development of the SMP:

- Allegheny Places, The Allegheny County Comprehensive Plan. November 2008.
- Allegheny County Hazard Mitigation Plan. 2012.
- Allegheny County Subdivision and Land Development Ordinance. April 2012.

GENERAL COUNTY DESCRIPTION

Allegheny County was formed from parts of Washington and Westmoreland Counties on September 24, 1788. Allegheny County includes the City of Pittsburgh and its inner and outer ring suburbs, as well as well as outlying rural areas. The County encompasses approximately 467,200 acres (730 square miles). It is bounded on the north by Butler, Beaver, and Armstrong Counties; on the east by Westmoreland County; and on the west by Washington County.

Rolling hills and winding river valleys create the beauty of Allegheny County. With the diversity of Allegheny County's economic base, the residents enjoy the advantages of both urban and rural opportunities within the County. Medical and educational institutions and manufacturing are major components of the county's economy.

POLITICAL JURISDICTIONS

The County is comprised of 130 municipalities. The political jurisdictions include four (4) cities, four (4) municipalities, 40 townships and 82 boroughs. Allegheny County is classified as a second class county and is ranked 2nd in the state of 67 counties, with a population of 1,223,348 according to the 2010 census. The 130 municipalities in Allegheny County are as follows:

CITIES					
Duquesne	McKeesport	Pittsburgh	Clairton		
	MUNICIP	ALITIES			
Bethel Park	Monroeville	Mount Lebanon	Penn Hills		
	TOWN	SHIPS			
Aleppo	Hampton	Neville	Scott		
Baldwin	Harmar	North Fayette	Shaler		
Collier	Harrison	North Versailles	South Fayette		
Crescent	Indiana	O'Hara	South Park		
East Deer	Kennedy	Ohio	South Versailles		
Elizabeth	Kilbuck	Pine	Springdale		
Fawn	Leet	Reserve	Stowe		
Findlay	Marshall	Richland	Upper St. Clair		
Forward	McCandless	Robinson	West Deer		
Frazer	Moon	Ross	Wilkins		

BOROUGHS						
Aspinwall	Dormont	Leetsdale	Sharpsburg			
Avalon	Dravosburg	Liberty	Springdale			
Baldwin	East McKeesport	Lincoln	Swissvale			
Bell Acres	East Pittsburgh	McDonald	Tarentum			
Bellevue	Edgewood	McKees Rocks	Thornburg			
Ben Avon	Edgeworth	Millvale	Trafford			
Ben Avon Heights	Elizabeth	Mount Oliver	Turtle Creek			
Blawnox	Emsworth	Munhall	Verona			
Brackenridge	Etna	North Braddock	Versailles			
Braddock	Forest Hills	Oakdale	Wall			
Braddock Hills	Fox Chapel	Oakmont	West Elizabeth			
Bradford Woods	Franklin Park	Pennsbury Village	West Homestead			
Brentwood Glassport		Pitcairn	West Mifflin			
Bridgeville	Glen Osborne	Pleasant Hills	West View			
Carnegie	Glenfield	Plum	Whitaker			
Castle Shannon Green Tree		Port Vue	White Oak			
Chalfant	Haysville	Rankin	Whitehall			
Cheswick	Heidelberg	Rosslyn Farms	Wilkinsburg			
Churchill	Homestead	Sewickley	Wilmerding			
Coraopolis	Ingram	Sewickley Heights				
Crafton	Jefferson Hills	Sewickley Hills				

TRANSPORTATION

Interstate 376 traverses the middle of the County in an east-west direction, and is one of several travel routes into and out of Pittsburgh. Interstate 79 runs in a north-south direction and passes west of Pittsburgh. Interstate 279 branches off of Interstate 79 and is a major transportation route connecting the northwest region of Allegheny County to Pittsburgh. US Route 19 is aligned in a north-south direction and passes through Pittsburgh. PA Turnpike 76 crosses the northern portion of the County. State routes PA 51, PA 65, PA 28, and PA 837 run alongside the Allegheny, Monongahela, or Ohio Rivers and are major transportation routes into and out of Pittsburgh. Base maps, which highlight the major transportation routes, have been produced for the entire County and each WPAC region (see **Appendix A**).

GENERAL DEVELOPMENT PATTERNS

Allegheny Places, which was formally adopted in November 2008 and can be accessed online at www.alleghenyplaces.com, sets policies for development, redevelopment, conservation, and economic initiatives as well as acts as a guide for future development of Allegheny County. At the core of the Comprehensive Plan is the Future Land Use Plan which targets eight (8) 'Places' for development. The 'Places' include the following:

- Area surrounding the Pittsburgh International Airport targeting office and light industrial development that require close proximity to ground and air transportation.
- Urban core areas in downtown Pittsburgh which are the County's major centers for office employment, government, cultural venues, higher education, finance, health care, research, and startup ventures. The new development will include the redevelopment of vacant or abandoned properties, rehabilitation and reuse of existing buildings, and adaptive reuse of former industrial or

- warehouse sites.
- Major highway corridors including the following major highways: Interstates 79, 279, 376 (West);
 Routes 8, 19, 22, 28, 48, 50, 51, 65; and the Mon/Fayette Expressway. Development along the
 major transportation corridors will support mixed-use hubs of office, industrial, commercial, and
 residential uses.
- Urban neighborhoods located within Pittsburgh and McKeesport. The development within the urban neighbors would include the redevelopment of vacant or abandoned properties, rehabilitation of existing buildings, and improved transit connections.
- Community Downtowns, which are similar in character to Urban Neighborhoods, however they are less densely developed and include other municipalities. Business development will occur in mixed-use setting that includes residential, office, retail, and other compatible uses.
- Villages (such as Oakdale, Rennerdale, and Indianola) which are characterized by a mix of residences and small-scale businesses that primarily serve neighborhood needs.
- Rural places are located along the edges of the county and include residential developments. Future development will be limited mainly to recreation and essential supporting services.
- Transit-Orientated Developments (TODs) is a mix of relatively dense residential, office, and retail
 uses at transit stations or transit stops. TODs are located along the existing 'T' line and busways
 and on proposed transit lines. TODs will incorporate redevelopment of vacant or abandoned
 properties and new development on large parcels when available. The development will create
 opportunities for people to connect to other areas within the County via transit.

WATER RESOURCES

Allegheny County lies entirely within the Ohio River watershed. All precipitation that falls in Allegheny County is channeled by gravity into twenty five (25) Act 167 designated watersheds. The major watersheds are: Allegheny River, Big Sewickley Creek, Breakneck Creek, Buffalo Creek, Bull Creek, Chartiers Creek, Connoquenessing Creek, Deer Creek, Flaugherty Run, Girty's Run, Little Sewickley Creek, Lowries Run, Monongahela River, Montour Run, Ohio River, Peters Creek, Pine Creek, Plum Creek, Pucketa Creek, Raccoon Creek, Robinson Run, Sawmill Run, Squaw Run, Turtle Creek, and Youghiogheny River. Each of these basins drains surface water into the major streams running through the County. Approximately 97% of the public is served by public water suppliers. Most water used for public supply is collected from surface waters; mainly the Ohio River, Allegheny River, Monongahela River, Youghiogheny River, Indian Creek, and Beaver Run.

The PADEP watersheds within Allegheny County are illustrated in **Appendix B**.

SURFACE WATER QUALITY

PA Chapter 93 Water Quality Standards classify all surface waters according to their water quality criteria and protected water uses. Selected waterbodies that exhibit Exceptional Value (EV) and High Quality (HQ) are referred to as "Special Protection Waters." Certain activities in those watersheds that could adversely affect surface water are more stringently regulated to protect degradation.

The Chapter 93 use designations of the watersheds within the County are:

Watershed	Chapter 93 Designation
Allegheny River	WWF
Big Sewickley Creek	TSF
Breakneck Creek	WWF
Buffalo Creek	TSF
Bull Creek	TSF
Chartiers Creek	WWF
Connoquenessing Creek	WWF
Deer Creek	CWF, WWF
Flaugherty Run	WWF
Girty's Run	WWF
Little Sewickley Creek	HQ-TSF, TSF
Lowries Run	TSF
Monongahela River	WWF

Watershed	Chapter 93 Designation
Montour Run	TSF
Ohio River	WWF
Peters Creek	TSF
Pine Creek	CWF,TSF
Plum Creek	WWF
Pucketa Creek	TSF
Raccoon Creek	WWF
Robinson Run	WWF
Sawmill Run	WWF
Squaw Run	HQ-WWF
Turtle Creek	TSF, WWF
Youghiogheny River	WWF

LEGEND: EV = Exceptional Value, HQ = High Quality, CWF = Cold Water Fishery, WWF = Warm Water Fishery MF = Migratory Fishery, TSF = Trout Stocking Fishery

IMPAIRED STREAMS

Pollution of Allegheny County's waterways is primarily regulated in two (2) ways - point source and nonpoint source discharges. Point source pollutants are easily identified and can be directly traced to their source. Examples of point source pollution are: industrial discharges; municipal discharges; stormwater discharges; combined sewer overflow discharges; and concentrated animal feeding operations (CAFOs). Nonpoint sources include all other forms of pollution, such as: agriculture; urban runoff; atmospheric deposition; construction activities; on-lot sewage systems; leachate from landfills; and silviculture.

The Stream Integrated List represents stream assessments in an integrated format for the Clean Water Act; Section 305(b) reporting and Section 303(d) listing. Streams are bodies of flowing surface water that form a network to drain stormwater impoundments, such as basins or catchments. PADEP protects four (4) stream water uses: aquatic life, fish consumption, potable water supply, and recreation.

The 305(b) stream segments have been evaluated for those uses. If a stream segment is not attaining any one (1) of the four (4) defined uses, it is considered impaired. According to *Allegheny Places*, there are over 2,000 miles of streams and 90 miles of rivers in Allegheny County. In Allegheny County, over 940 miles of streams and rivers have been identified as impaired. A complete list of impaired streams and their causes are included in **Appendix C**. The following table groups the source cause of non-attaining streams in Allegheny County as well as the total miles and the percentage of individual causes:

IMPAIRED STREAM CAUSES

Source Cause	Miles	Percent
Source Unknown	284.66	30.3%
Abandoned Mine Drainage	183.03	19.5%
Urban Runoff/Storm Sewers	170.26	18.1%
Agriculture	42.44	4.5%
Combined Sewer Overflow	34.49	3.7%
Habitat Modification	33.61	3.6%
Channelization	30.36	3.2 %
Small Residential Runoff	30.99	3.3%
Land Development	29.10	3.1%
Construction	24.81	2.6%
Road Runoff	23.87	2.5%
Bank Modifications	23.43	2.5%
Removal of Vegetation	10.28	1.1%
Hydromodification	4.11	0.4%
Municipal Point Source	3.91	0.4%
Natural Sources	3.31	0.4%
Industrial Point Source	3.10	0.3%
Petroleum Activities	2.60	0.3%
Erosion from Derelict Land	1.79	0.2%
On-site Wastewater	0.34	0.0%
Total Miles of Non-Attaining	940.49	100%

As illustrated above, the most cited known cause of impairment is from abandoned mine drainage with 183 miles of streams identified as impaired. Urban runoff and storm sewers are the second cited leading cause of impairments. It is important to also recognize a significant amount of impairment caused by development, such as habitat modification, land development, runoff, etc.

Allegheny County's goal is to protect the quality and quantity of groundwater and surface waters, with particular attention on public water supplies. One (1) of the objectives in achieving this goal is to make sure stormwater runoff is properly managed. Forested buffers along waterways can reduce peak storm discharges and help protect the biological and hydrological integrity of creek valleys. Wetland preservation also avoids increased flooding, protects water quality, protects important animal and aquatic habitats, and maintains adequate groundwater recharge.

CLIMATE

Allegheny County, in the southwest part of PA, is in the Southwest Plateau climatic division and the climate is classified as humid continental.

Most weather systems that affect this area originate in the Gulf of Mexico, Canada, or on the Central Plains of the U.S., and are caught up in the prevailing easterly flow. As airflow travels eastward, some of the characteristics of the underlying land are gradually acquired. As these air masses move over the Appalachians, moisture is lost in the form of precipitation. The main source of moisture for these weather systems is the Gulf of Mexico, although northerly and northwesterly flow off of the Atlantic Ocean occasionally provides an added source. The mean temperature for Allegheny County is 50°F with a maximum mean monthly temperature of 83°F in July and mean monthly low of 19°F in January. About 58%

of the annual precipitation falls during the spring and summer. Precipitation averages approximately 35 inches per year. July is the wettest month with an average of 3.9 inches per month and October, November, and December are the driest months with an average of approximately 2.4 inches per month. Snowfall averages 47.1 inches per year with most of it falling between December and March.

GEOLOGY/PHYSIOGRAPHY

The geologic features within the watershed impact the quantity and rate of stormwater runoff within the watershed. The slope of the watershed, depth of the water table, depth and condition of the existing bedrock, and the soil properties determine the amount of water that is captured and the amount of stormwater runoff.

Pennsylvania is divided into numerous physiographic provinces. A province is defined as a region in which all parts are similar in geologic structure, climate, and relief and have a unified geomorphic depositional history. A majority of Allegheny County is located in the Pittsburgh Low Plateau Section, with some areas in the southern portion of the county in the Waynesburg Hills Section.

Rocks underlying the county had their origins millions of years ago when volcanic material and layers of sand, gravel, silt, and calcium carbonate were formed or deposited. After subjection to temperature and pressure for long periods of time, the materials evolved into shale, sandstone, conglomerate, and limestone. Exposed rocks in the county were formed during two (2) geologic divisions, the Pennsylvanian and Permian Periods. The Permian bedrock is exposed along the Washington and Westmoreland County Lines in the southern part of the County and consists of shale, sandstone, limestone, and coal. The Pennsylvanian bedrock is exposed throughout most of the county and consists of sandstone, shale, conglomerate, clay, coal, and limestone.

SOILS

The soil types within a watershed, along with the type of cover, directly impact the amount of precipitation that infiltrates into the soil, thus impacting on the quantity and rate of stormwater runoff. Soils are grouped into four (4) hydrologic soils groups (HSGs) based on the minimum infiltration rate of the soil. Soils with high infiltration rates (sands and gravels) and high storage capacity produce less stormwater runoff than soils with lower infiltration rates (silts and clays). Understanding the existing soil type within the watershed is important since a change in the soil profile can significantly change its infiltration characteristics and therefore increase or decrease the quantity of stormwater runoff.

Allegheny County's land area is comprised of different soils with varying degrees of slope, ranging from nearly level plateaus to severe sloping along the rivers in the County. The Allegheny County Soil Survey identifies 80 different soil types within the County. These soil types fall within one (1) of the following ten (10) soil associations: Gilpin-Upshur-Atkins; Gilpin-Weikert-Atkins; Culleoka-Weikert-Newark; Gilpin-Wharton-Upshur; Dormont-Guernsey-Culleoka; Urban land-Philo-Rainsboro; Urban land-Rainsboro-Allegheny; Urban land-Wharton-Gilpin; Urban land-Dormont-Culleoka; and Strip mines-Guernsey-Dormont. A soil association is a landscape that has a distinctive proportional pattern of soils. It normally consists of one (1) or more major soils and at least one (1) minor soil, and it is named for the major soils. The soils in one (1) association may occur in another, but in a different pattern. The general characteristics, development potentials and limitations for each category of soil are described as follows:

Soil Associations:

Gilpin-Upshur-Atkins Association; 15% of County: Moderately deep and deep, well drained soils underlain by red and gray shale on uplands and deep, poorly drained soils on floodplains. This

association is mainly on steep and very steep sides of valleys, but it includes narrow, nearly level floodplains. Seepage spots in wet periods are common on the valley sides and there is evidence of recent landslides. This association is mostly wooded. It has severe limitations for uses other than trees, mainly because of slides and the hazard for flooding on floodplains.

Gilpin-Weikert-Atkins Association; 5% of County: Shallow and moderately deep, well drained soils underlain by gray shale and on uplands and deep, poorly drained soils on floodplains. This association is mainly on steep and very steep sides of valleys, but it includes narrow, nearly level floodplains. This association is mostly wooded. It has severe limitations for uses other than trees, mainly because of the hazard of flooding on the floodplains and steep slopes.

Culleoka-Weikert-Newark Association; 4% of County: Shallow and moderately deep, well drained soils underlain by shale and limestone on uplands and deep, somewhat poorly drained and poorly drained soils on floodplains. This association is mainly on steep and very steep sides of valleys, but it includes narrow, nearly level floodplains. This association is mostly wooded. It has severe limitations for use other than trees, mainly because of the hazard of flooding on the floodplains and steep slopes.

Gilpin-Wharton-Upshur Association; 32% of County: Moderately deep and deep, well drained and moderately well drained soils underlain by red and gray shale on the uplands. This association is on undulating to hilly uplands and is highly dissected by small streams and drainageways. Gently sloping ridgetops are generally long and narrow and high rounded knobs are scattered throughout the area. This association is in the northern half of the county and is the most extensive in the county. Much of this association has been cleared and farmed, but now it is under continuing suburban development. Beyond the areas of suburban growth some areas are idle, and others are used for recreation and there are scattered farms.

Dormont-Guernsey-Culleoka Association; 18% of County: Moderately deep and deep, well drained and moderately well drained soils underlain by shale and limestone on uplands. This association is on undulating to hilly uplands and is highly dissected by small streams and drainageways. Gently sloping ridgetops are generally long and narrow and high rounded knobs are scattered throughout the area. This association is in the southern half of the county. Much of this association has been cleared for farming, but now most areas are used for suburban development or for recreation. There are scattered farms and some areas are idle.

Urban land-Philo-Rainsboro Association; 6% of County: Deep, moderately well drained soils and urban land on floodplains and terraces. This association is mainly on nearly level bottom land adjacent to major streams. Most of this association is used for residential, commercial, and major industrial developments and for major highway and railroad routes. When the natural soils are undisturbed, the hazard of flooding and a seasonal high water table are limitations for use. Localized areas within the developed areas also have a hazard of flooding.

Urban land-Rainsboro-Allegheny Association; 3% of County: Deep, well drained and moderately well drained soils and urban land on terraces. This association is on nearly level to rolling terraces 200 to 300 feet above the major streams. Much of this association has been cleared and farmed, but now it is used mainly for urban developments. Some areas are idle, and others are used for recreation. Some areas of the Allegheny variant soils have been mined for sand and gravel. A seasonal high water table is a limitation for most land uses.

Urban land-Wharton-Gilpin Association; 3% of County: Moderately deep and deep, well drained soils and urban land underlain by gray shale on uplands. This association is in the northern half of the

county. It is on nearly level to hilly uplands and is highly dissected by small streams and drainageways. Gently sloping ridgetops are generally long and narrow. This association is used mainly for urban developments. A seasonal high water table is a limitation for most land uses.

Urban land-Dormont-Culleoka Association; 9% of County: Moderately deep and deep, well drained soils and urban land underlain by shale and limestone on uplands. This association is in the southern half of the county. It is on nearly level to hilly uplands and is dissected by small streams and drainageways. Gently sloping ridgetops are generally elongated. This association is mainly used for urban development. A seasonal high water table is a limitation for most land uses.

Strip mines-Guernsey-Dormont Association; 5% of County: Deep, moderately well drained soils and strip mines underlain by shale and limestone on uplands. This association is in the southern half of the county. It consists mainly of rolling to very steep areas that have been strip mined. Much of this association is idle land. Depressions within the strip mined areas are filled with acid water. Vegetation is sparse. Only isolated areas have been reclaimed.

SLOPES

The slope of the land is an indication of the developability and use of land. Development on steeply sloped lands should be discouraged because it is likely to increase stormwater problems, cause erosion and sedimentation in creeks, result in steeply sloped roads and driveways, and increase construction costs. Allegheny County's land area is comprised of varying degrees of slope, ranging from nearly level plateaus to severe sloping along the rivers of the County. The general characteristics and development potentials and limitations of each category of slope are described as follows:

0-8% Slope; Flat to moderate; capable of all normal development for residential, commercial and industrial uses; involves minimum amount of earth moving; suited to row crop agriculture, provided that terracing, contour planting, and other conservation practices are allowed.

8-16% Slope; Rolling terrain and moderate slopes; generally suited only for residential development; site planning requires considerable skill; care is required in street layout to avoid long sustained gradients; drainage structures must be properly designed and installed to avoid erosion damage; generally suited to growing of perennial forage of crops and pastures with occasional small grain plantings.

16-25% Slope; Steep slopes, generally unsuited for most urban development; individual, low-density residential development may be possible on large lot areas; uneconomical to provide improved streets and utilities; overly expensive to provide public services; foundation problems and erosion usually present; agricultural uses should be limited to pastures and tree farms.

25-100% Slope; Severe slopes that involve a vertical change of 25 or more feet for every 100 feet of horizontal distance; typically not suitable for any development; land not to be cultivated; permanent tree cover should be established and maintained; adaptable to open space uses (recreation, game farms, and watershed protection).

Most steep slopes and associated woodlands in Allegheny County are concentrated in the valleys of the tributaries to the major rivers. Along shallow slopes within creek valleys, woodlands help buffer the waterways from pollutants and sediment, increase groundwater recharge, and provide thermal control. Steeply sloped lands are important to protect. Developing steeply sloped lands increases infrastructure construction costs, erosion and sedimentation, stormwater runoff volume and peak rate, and disturbance of scenic areas.

FLOODPLAINS/FLOODWAYS

The area of land adjacent to a river, stream, or lake that absorbs the occasional overflow of water beyond the banks of those waterbodies is known as the floodplain. Floodplains are important to a community and its environment because they hold back storm flows and reduce destructive flooding downstream. In addition, they are very fertile habitat, providing for good cropland for agriculture as well as providing important shading for stream habitat. Floodplains also provide an important linkage between aquatic and upland habitat. Like most of PA, Allegheny County has numerous natural ponds, streams and wetlands. These areas include floodplains, which occur naturally throughout their watershed area.

A review of the FEMA flood insurance maps and digitized database revealed that 100-year floodplains exist within Allegheny County. The following waterbodies have delineated floodplains associated with FEMA Flood Insurance Studies (FIS).

WATERBODIES ASSOCIATED WITH FEMA FLOOD INSURANCE STUDIES

Piersons Run Abers Creek Happy Hollow Run Harts Run Pine Creek Allegheny River Hoffman Run Piney Fork Herrs Island Back Channel **Humms Run** Pitt Street Tributary Fourteen Mile Island Back Channel Twelve Mile Island Back Channel Jacks Run Plum Creek Bear Run Leak Run Pucketa Creek Becks Run Lewis Run Robinson Run Lick Run Rochester Run Big Sewickley Creek Little Bull Creek Sandy Creek **Boston Hollow Run Boyds Hollow Run** Little Deer Creek Saw Mill Run Sawmill run Brush Creek 1 Little Pine Creek East Little Pine Creek West Scrubgrass Run Brush Creek 2 **Bull Creek** Little Plum Creek Spring Garden Run Squaw Run Lobbs Run Campbells Run Squaw Run Trib. 1 Chalfant Run Long Run **Chartiers Creek** Lowries Run Squaw Run Trib. 2 **Chartiers Creek Diversion Channel** Squaw Run Trib. 4 McCaslin Run Crooked Run McClarens Run Streets Run Crouse Run Thompson Run McLaughlin Run **Crouse Run Tributary** Millers Run Tributary A Deer Creek Monongahela River Tributary to Bull Creek Dirty Camp Run Montour Run Tributary 1 to Piney Fork

Douglass RunSouth Fork Montour RunTurtle CreekDouglass Run Trib. 1Montour Run 1UNT along Moss Side Blvd.Douglass Run Trib. 2Moon RunWest Branch Deer CreekEast Thompson RunNorth Branch Robinson RunWhiskey Run

Fallen Timber Run

Georges Run

Gillespie Run

North Branch Robinson Run

North Branch Robinson Run

Whiskey Run

Whittmer Run

Wildcat Run

Wildcat Run

Wylie Run

Peters Creek

Page | **16**

Girty's run Painters Run Youghiogheny River

Baker

Graesers Run Pidgeon Hollow Run

Gourdhead Run

It is important to protect floodplains in order to: avoid threats to lives and property from flooding; avoid increased flooding in other areas; avoid loss of potential public recreation areas; protect water quality and avoid erosion; make owners of existing flood prone buildings eligible for Federally-subsidized flood insurance; and protect important bird, fish, and wildlife habitats.

Allegheny County's goal is to make sure development respects the natural features of the land, especially creek valleys, wetlands, and very steeply sloped lands. One objective to achieve this goal is to promote buffers of thick vegetation along waterways. A second objective to achieve this goal is to permanently preserve the most important natural areas in open space through clustering, mandatory dedication, conservation easements, and other appropriate methods.

PHASE I PLANNING PROCESS

PADEP AND ALLEGHENY COUNTY

PADEP is no longer funding Act 167 planning projects. Allegheny County has undertaken the costs of the SMP given the importance of such a plan to the County and the municipalities.

The County has decided to follow the conventional approach to the development of a SMP in two (2) phases. The first phase (Phase I) is the preparation and submission of a SOS to PADEP for their review and approval. The SOS generally consists of a determination of the level of effort and cost required by Allegheny County to satisfactorily complete the second phase (Phase II). Phase II includes the preparation and adoption of the SMP based on the level of effort identified in Phase I.

ENGINEERING CONSULTANT SELECTION

In order to assist in the preparation of the SMP, Allegheny County selected Michael Baker Jr. Inc. and their team of consultants to provide stormwater engineering and planning services to Allegheny County and complete this Phase I SOS and the Phase II SMP. The Michael Baker Jr. Inc. team included NTM Engineering Inc., Art Gazdik, Collective Efforts Inc. and Sci-Tek Consultants Inc. These subconsultants were carefully selected based on their expertise with Act 167 planning and their knowledge of prior/current planning efforts within the County.

CREATION AND DISTRIBUTION OF THE INFORMATION REQUEST FORM AND FORM A – STORMWATER PROBLEM AREAS

The "Allegheny County Watersheds Act 167 Stormwater Management Plan Information Request Form" and the "Form A – Stormwater Problem Areas" were developed and distributed prior to the WPAC Meeting #1. The forms were also available during the WPAC Meeting #1 to those members in attendance. The data requested on the Information Request Form and Form A was collected using the Municipal Questionnaire Municipal Problem Area Map pages on the Allegheny County SWMP (http://www.alleghenycountyswmp.com/). The Information Request Form (see Appendix D) solicited information, using the Municipal Questionnaire webpage, relating to the municipal ordinances, support for the plan, relative importance of various plan criteria, interest in best management practices, and the level of coordination efforts with neighboring municipalities/entities. Form A (See Appendix D) requested information, using the Municipal Problem Area Map webpage, regarding stormwater problem location, type (flooding, accelerated erosion, groundwater, landslide, sedimentation, and/or water pollution), frequency, and severity. The information supplied using the Allegheny County SWMP website was downloaded and summarized in Appendix E.

All municipalities and other interested citizen groups and public organizations were encouraged to complete the forms. The purpose of the Information Request Form and Form A was to gather various pieces of information to help determine the level of commitment from each municipality, to reveal what the major stormwater issues were that affected each municipality, and to determine the location of existing problem areas, significant obstructions, and stormwater management facilities.

The data collected through the Information Request Form assisted in technical and non-technical aspects of the planning process and in scoping the overall SMP. The problem areas and significant obstructions indicated on Form A may need to be analyzed during Phase II.

ESTABLISHMENT OF A WPAC

The municipalities were asked to appoint a WPAC representative. Through the Information Request Form, the WPAC also identified the following organizations as possible WPAC participants:

- 3 Rivers Wet Weather Program
- ALCOSAN
- Allegheny County Airport Authority
- Allegheny County Conservation District
- Duquesne University Bayer School of Natural Services
- KLH Engineers
- Little Sewickley Creek Watershed Association
- Montour Trail Council
- Montour Valley Alliance
- National Association of Industrial and Office Properties (NAIOP)
- North Hills Council of Government (COG)
- Pennsylvania Department of Environmental Protection
- Pennsylvania Department of Transportation District 11
- Raccoon Creek Watershed Association

These organizations and entities were contacted and invited to join the WPAC during Phase I. Additional stakeholders may be identified during Phase II. If appropriate, an invitation to join the WPAC will be extended to these additional entities.

An additional purpose of the Information Request Form was to gather contact information for representatives of each of the municipalities as well as other concerned organizations, groups, or citizens that would be interested in participating in the WPAC. The purpose of the WPAC is to serve as an access for municipal input, assistance, voicing of concerns and questions, and to serve as a mechanism to ensure that the inter-municipal coordination and cooperation is secured.

As part of a new initiative by PADEP, it is their position that if a representative from each municipality does not volunteer to join the WPAC, the head of each governing body will be the appointed member to the WPAC. As an appointed member, that member will be provided all correspondence, be considered an active member, and their name will be included in a list as a member of the WPAC contained within the SMP. The head of each governing body will also be asked to assist their municipality in adoption of the provisions and requirements of the final SMP.

WPAC MEETINGS

Two (2) WPAC meetings for each region were held during the Phase I process. The purpose of the WPAC meetings was to gather information and provide education to the WPAC.

WPAC Meeting #1 for Region #1 was held on November 11, 2012, WPAC Meeting #1 for Region #2 was held on November 19, 2012 and WPAC Meeting #1 for Region #3 was held on November 20, 2012. The meetings provided an overview of the Act 167 process, provided expectations and potential results and outcomes of the SMP, provided an explanation of the Information Request Form, began the formation of the WPAC membership, and concluded with a question and answer period.

WPAC Meeting #2 for Regions #1 and #3 were held on July 10, 2013. WPAC Meeting #2 for Region #2 was originally scheduled for July 8, 2013; however the meeting was rescheduled for July 29, 2013 due to severe flooding throughout Allegheny County. The purpose of these meetings was to review the results of the problem area and basin survey, summarize the contents of Phase I report, outline the tasks to be completed during Phase II, and address any comments or concerns of the WPAC.

PHASE I REPORT

The Phase I SOS assists Allegheny County in the preparation and finalization of a Phase II Act 167 SMP. This Phase I SOS provides estimated fees to complete the identified Phase II tasks.

SUBMISSION OF PHASE I REPORT TO PADEP

The Phase I SOS was submitted to PADEP for their review. The Phase I SOS will be used for the completion of a Phase II SMP.

INFORMATION REQUEST FORM AND FORM A DISCUSSION

INFORMATION REQUEST FORM RESULTS

The Information Request Form was prepared to gather information relating to the municipal ordinances, support for the plan, relative importance of various plan criteria, interest in best management practices, and the level of coordination efforts with neighboring municipalities and other stakeholders. The information was collected using the Allegheny County SMP Municipal Questionnaire webpage. Table A (See **Appendix E**) summarizes the responses to the questions asked on the Information Request Form. Responses were received from 77 of the 130 municipalities within Allegheny County.

FORM A – STORMWATER PROBLEM AREAS RESULTS

Form A was designed to solicit input from the WPAC relative to specific stormwater-related problem areas throughout Allegheny County as well as the needs they may see for stormwater management in their particular municipality. The requested information concerning the location and nature of the stormwater problem was supplied using the Allegheny County SMP website. The website was interfaced with GoogleMaps to allow the physical location of the stormwater problem area to be identified and stored in a database. Information concerning the problem type (flooding, accelerated erosion, groundwater, landslide, sedimentation, and/or water pollution), frequency, and severity was documented on a Form A, which was requested along with the problem area location. The location of the stormwater problem areas that have been identified during Phase I have been provided on Stormwater Problem Area Identification Maps included in **Appendix F** of this document. The results of the Form A survey are also included in Tables B

through E in **Appendix E**. The information contained within Form A was instrumental in determining the scope of Phase II planning.

Table B provides a brief description of the stormwater problem area, the municipality where the problem area exists, and the point ID associated with the problem area point identified on the Stormwater Problem Area Identification Maps. Since this is the first implementation of online data collection for a Phase I plan, we have noted several locations where we have discrepancies between the stormwater problem area location and the stormwater data provided on Form A. There are instances where the physical location of the stormwater problem area has been identified on the map but an associated Form A has not been received. Conversely, there are instances were a problem area has a completed Form A but the physical location has not been provided. Table C lists the problem areas that have a physical location but are lacking a complete Form A. Table C summarizes the problem area description and identifies the municipality where the problem exists. Additionally, the problem area point has been denoted on the Stormwater Problem Area Identification Map as "Incomplete Problem Area." Since the stormwater problem points do not have a completed Form A, a point ID has not been provided for these points. Table D lists the stormwater problem area points that have a completed Form A but lack a physical location. Table D provides the description and municipality of the stormwater problem area. Although all of the discrepancies have not been resolved for Phase I, the problem area points listed on Tables C and D could be incorporated into Phase II (provided the required information is supplied).

Responses were received from 66 of the 130 municipalities (51%) and a total of 290 stormwater problem points were identified from the responses. A completed Form A with an identified physical location was received from 34 out of the 130 municipalities (26%) in Allegheny County. Twenty (20) municipalities (15%) indicated that no significant stormwater issues exist within the municipality and 64 municipalities (49%) did not supply information. Three (3) municipalities (2%) submitted a completed Form A without providing an identified physical location and nine (9) municipalities (7%) identified a physical stormwater location but did not provide a Form A. Additional points have been identified by members of the WPAC other than the individual municipalities; however the data has not been confirmed by the individual municipality. ACED contacted individual municipalities, by phone and email, to resolve discrepancies with the submitted data and to obtain additional stormwater problem areas that were not obtained during the initial request. Although some information provided, there are still some discrepancies with the submitted data. Additional data required to supplement the existing stormwater data, as well as stormwater problem areas that were not identified in Phase I, will be incorporated into Phase II of the report. The problem area points have been identified on the Problem Area Identification Maps in **Appendix F** and summarized on Table C in **Appendix E**.

A detailed summary of the completed Form A is provided in Table E. The type of stormwater problem, the cause of the stormwater problem, the frequency of occurrence, and the type of damage resulting at the stormwater problem area is summarized in Table E. The analysis of the data indicates that the three (3) principle stormwater problems experienced within the 34 municipalities that responded with complete data are flooding, accelerated erosion, and sedimentation. The primary causes of the problems have been stormwater volume and velocities. Although most damage caused by the stormwater problem has been property damage, the stormwater problems have also resulted in loss of life and vital services.

Because the most important part of the Act 167 planning process is the implementation of the final provisions and standards of the SMP, another reason for utilizing the Information Request Form and Form A is to develop interest in stormwater management issues by the municipalities. Attempting to obtain municipal "buy-in" of the project was a key element during the entire Phase I process. Obtaining support from these municipalities early in the process will ensure a better end product and will improve the municipal adoption and implementation process within Allegheny County.

PHASE II DISCUSSION

ITEMS TO BE ADDRESSED IN PHASE II

During Phase I, the WPAC made several recommendations regarding items that should be addressed during the Phase II planning process and the Phase II Final SMP. Refer to **Appendix H** of this SOS for a detailed breakdown of the Phase II Scope of Work.

A summary of the specific tasks and sub-tasks will be as follows:

Task 1 - Data Collection and Analysis

Subtask 1.1 – Solicitation of Input for Municipal Survey

Subtask 1.2 – Collection of Data

Task 2 - Technical Analysis

Subtask 2.1 – Evaluate Water Quality, Peak Flow, Stream Stability, and Groundwater Recharge

Subtask 2.2 – Detailed Hydrologic Modeling

Subtask 2.3 – Management Strategies

Task 3 – Problem Areas and Obstructions Inspection/Summary/Proposed Solutions

Subtask 3.1 - Problem Areas and Obstructions Inspection/Summary/Proposed Solutions

Subtask 3.2 – Conceptual Solutions for Existing Problem Areas

Subtask 3.3 – Implementation of Technical Standards and Criteria

Subtask 3.4 – Economic Analysis

Task 4 – Public/Municipal Participation through WPAC

Subtask 4.1 – Watershed Plan Advisory Committee Meetings

Subtask 4.2 – Education and Promotion of Initiative

Task 5 - Model Ordinance

Task 6 – Phase II Report

One of the most critical issues during Phase I was the determination of which and how many of the watersheds would be modeled during Phase II. According to the Information Request Forms provided by the WPAC, a number of problem areas were identified throughout Allegheny County. Many of the problem areas are fairly generic problems (e.g., the culvert needs to be enlarged or there is streambank erosion). This will be categorized and a general explanation of the solution provided. The Little Sewickley Creek, Monongahela River, Montour Run, Turtle Creek, Girty's Run, Pine Creek, Squaw Run, and Deer Creek Watersheds have already been modeled in their individual Act 167 Plans. The WPAC identified that the stormwater quantity standards established in these watershed plans are successful, since stormwater related problems have been reduced and the controls appear to be working properly for the majority of those watersheds. Therefore, it has been determined that these watersheds will not be the primary focus of additional modeling, but will need to be updated by incorporating CG-1 and CG-2 of the PADEP BMP manual.

As part of Phase II, the following watersheds (or portions of them) have been proposed for additional modeling:

- Little Sewickley Creek
- Flaugherty Run

- Montour Run
- Robinson Run
- Millers Run
- Streets Run
- Unnamed Tributary to Monongahela River
- Thompson Run

These watersheds were selected due to the presence of significant stormwater problems associated with the following municipalities:

- Baldwin Borough
- Crescent Township
- Churchill Township
- Edgeworth Borough
- Findlay Township
- Moon Township
- North Fayette Township
- South Fayette Township
- West Mifflin Borough
- Wilkins Township

The watersheds to be studied in Phase II and the stormwater problem areas identified in Phase I are included on the Future Watershed Study Maps provided in **Appendix G**.

As part of the Phase II work, a Model Ordinance will be created that includes the standards and provisions of the SMP. An important part of the Model Ordinance will be the inclusion of regulations for activities impacting stormwater runoff. PADEP has developed a Model Ordinance that will be used as the basis for the Allegheny County SMP's Model Ordinance.

In addition to the modeling noted above, the County has elected to consider incorporating a model approach to meeting MS4 requirements. This is being considered based on the input received in the WPAC meetings and is described in further detail within the detailed scope of work.

MUNICIPALITIES' RESPONSIBILITIES AFTER THE ADOPTION OF THE PLAN

During the preparation of the SMP, each municipality will continue to participate in its creation through the WPAC. In addition, several public meetings will be held to educate the general public. Therefore, the resulting completed SMP will reflect the municipality's desires in addressing stormwater management consistent with Act 167 requirements.

Each municipality must implement the SMP they helped create. The municipalities will implement the standards of the SMP by adopting the provisions of the Model Ordinance created in the SMP. After the SMP is officially adopted by the County, it will be submitted to the PADEP for approval. Within six (6) months of PADEP's approval, each municipality must adopt ordinances and regulations consistent with the plan and provisions of Act 167.

GENERAL WORK PLAN - Phase II

WPAC

During the Phase I portion of this project, a WPAC was formed. Many of the WPAC members indicated their willingness to volunteer to join the WPAC through the Information Request Form. In addition, an email and letter was mailed to each municipality requesting them to appoint at least one (1) person from their individual municipality to become a member of the WPAC. This correspondence was in response to Section 6(a) of Act 167, which states "The county shall establish, in conjunction with each watershed stormwater planning program, a watershed plan advisory committee composed of at least one representative from each municipality within the watershed, the county soil and water conservation district and such other agencies or groups as are necessary and proper to carry out the purposes of the committee". Also stated in the letter was PADEP's position that if a representative from a municipality was not appointed, the head of the governing body will be appointed to the WPAC.

It is intended that the WPAC will continue to serve as the primary source of plan guidance for the overall planning process throughout Phase II. The committee members will also serve as the primary contact point for the municipalities/organizations that they represent. It is anticipated that each of these municipalities/organizations will continue to have representation in the WPAC.

MUNICIPAL ENGINEERS PARTICIPATION

One (1) of the Phase II WPAC meetings will focus on the more technical aspects of the SMP. These elements include development of management criteria. One (1) of the Phase II WPAC meetings will focus on the modeling and technical analysis. Municipal engineers will be encouraged to attend these meetings which will focus solely on the engineering aspects of the SMP as opposed to the more general objectives and overall contents of the SMP.

LEGAL ADVISORY PARTICIPATION

Another WPAC meeting will have the purpose of incorporating information from municipal solicitors into the SMP. This committee will focus on implementation of the Model Ordinance from a legal and regulatory framework standpoint.

STANDARDS

The SMP will include criteria for a comprehensive stormwater management strategy that includes two (2) elements: peak rate control management and volume control management.

Peak Rate Control Management will be implementation of the existing Release Rates for various subwatersheds for the watersheds that have existing Act 167 plans, whereas the remaining portion of the County will follow the recommendations in the DEP model ordinance and committee input.

Volume Control Management will be Implementation of Control Guideline 1 (CG-1) and Control Guideline 2 (CG-2) from the PA Stormwater BMP Manual.

ROLES OF COUNTY AND CONSULTANT

The division of work and responsibilities between Allegheny County and the Consultant should be determined prior to the beginning of Phase II tasks. Generally, the County may serve as project coordinator and be responsible for non-technical aspects of the SMP. This may include appropriate data collection, plan composition, mapping, ordinance analysis, and assisting the Consultant with field data collection.

The Consultant would be responsible for technical aspects of the SMP. This includes data review, problem area and significant obstruction analysis, hydrologic modeling, development of technical criteria, economic analysis and model ordinance. The Consultant would compose technical components of the SMP text and provide draft and final project mapping.

PHASE II COSTS

A cost estimate was developed during the Phase I process in conjunction with Allegheny County and the Consultant. The costs were developed to conduct the Phase II work as specified in **Appendix H**.

WORK SCHEDULE

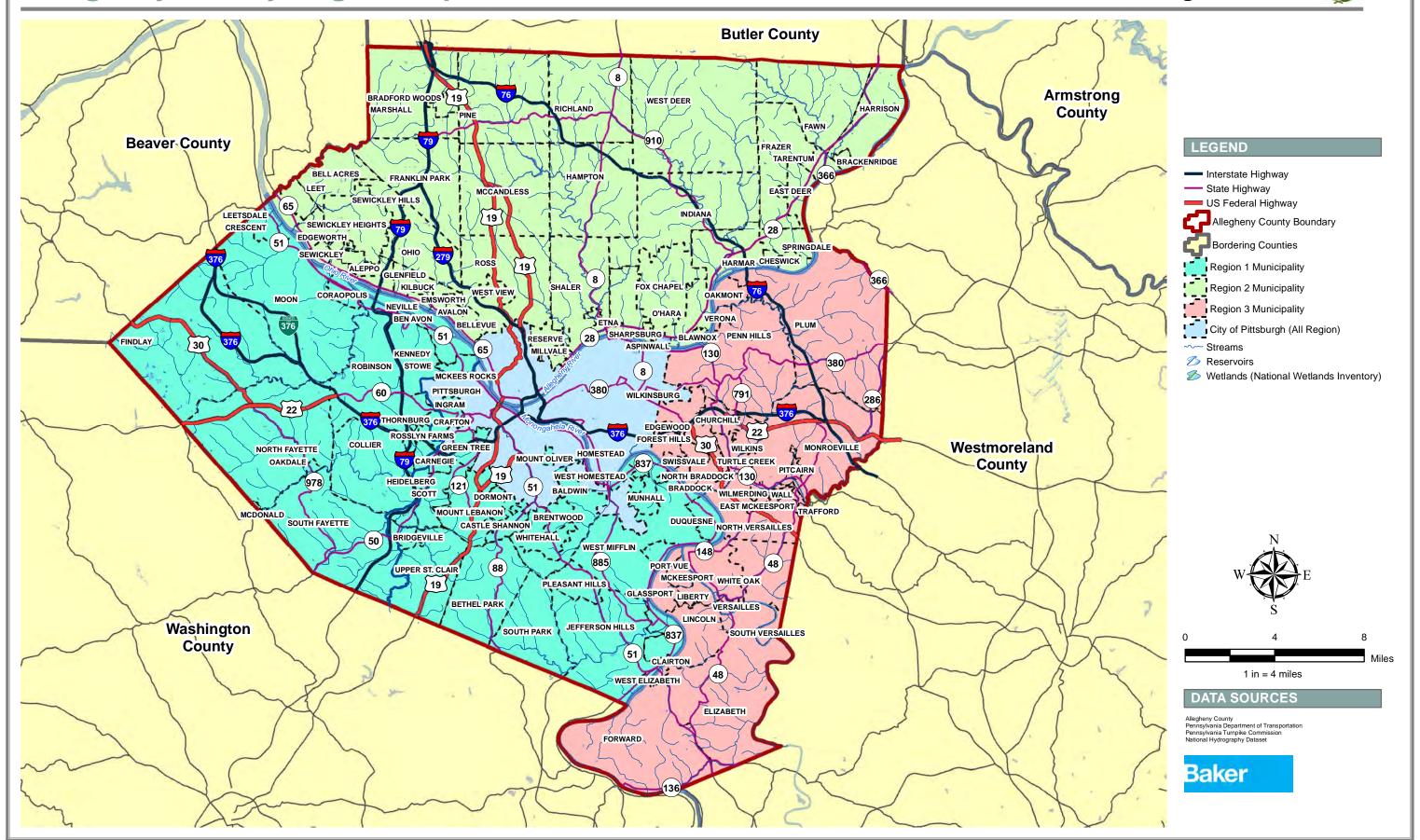
A work schedule was developed during the Phase I process in conjunction with Allegheny County and the Consultant. The work schedule was formulated to set target dates for various tasks with the intention of completing the project for PADEP review within the Phase II contract period. The proposed Allegheny County work schedule is illustrated in **Appendix I**.

REFERENCES

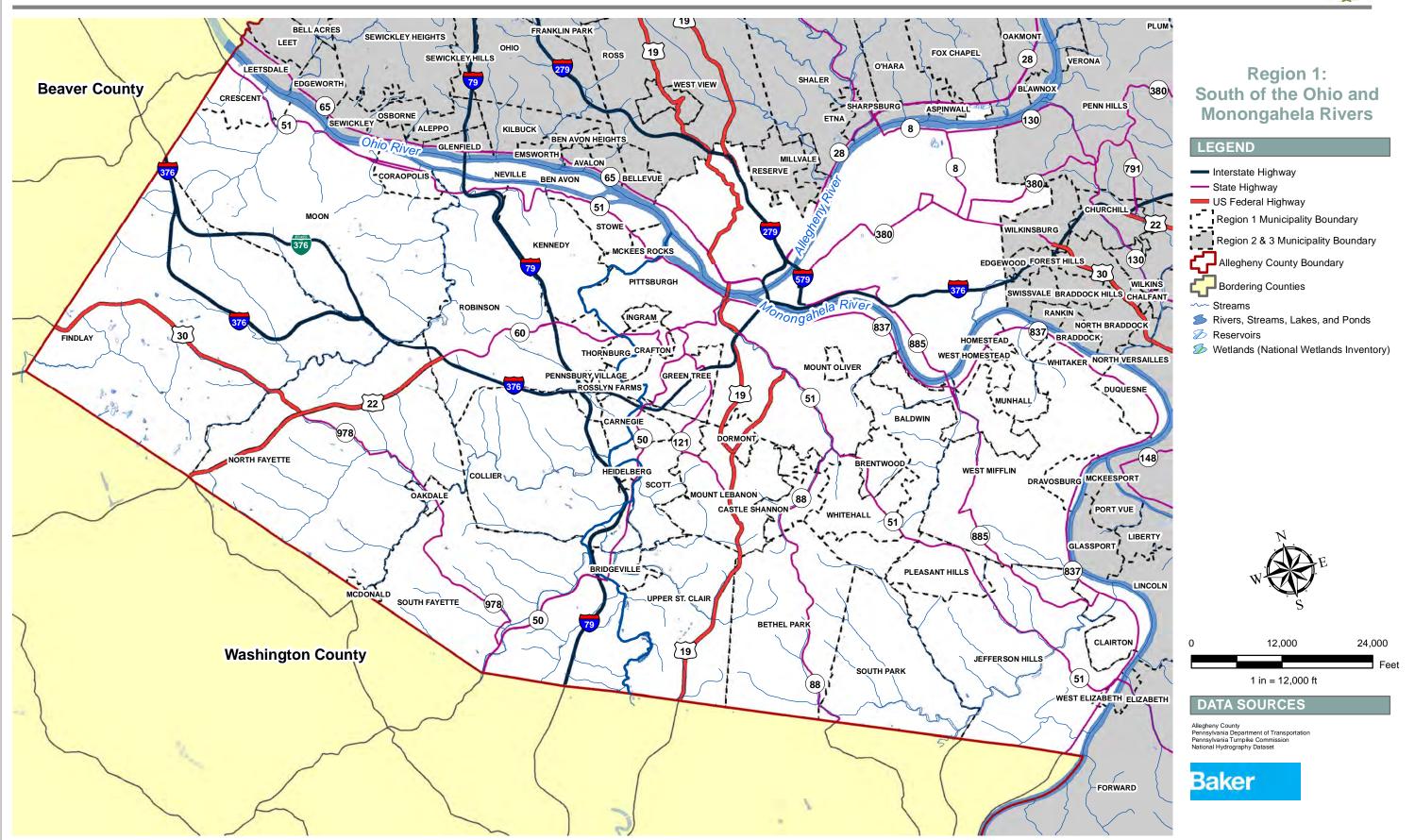
- 1. Act 167 Stormwater Management Plan for Girty's Run, Pine Creek, Deer Creek, Squaw Run and Deer Creek Watersheds. April 2008.
- 2. Allegheny Places, The Allegheny County Comprehensive Plan. December 2008.
- 3. Flaugherty Run Watershed Act 167 Stormwater Management Plan. 1998
- 4. Little Sewickley Creek Watershed Act 167 Stormwater Management Plan. November 2002.
- 5. Monongahela River Watershed Act 167 Stormwater Management Plan. February 1993.
- 6. Montour Run Watershed Stormwater Management Plan. February 1989.
- 7. Pennsylvania Stormwater Best Management Practices Manual. December 2006.
- 8. Pennsylvania Stormwater Management Guidelines and Model Ordinances. May 1985.
- 9. Soil Survey of Allegheny County, Pennsylvania. August 1981.
- 10. Turtle Creek Watershed ACT 167 Stormwater Management Plan. 1991.
- 11. Turtle Creek Watershed River Conservation Plan. April 30, 2002.

APPENDIX A Allegheny County Base Map

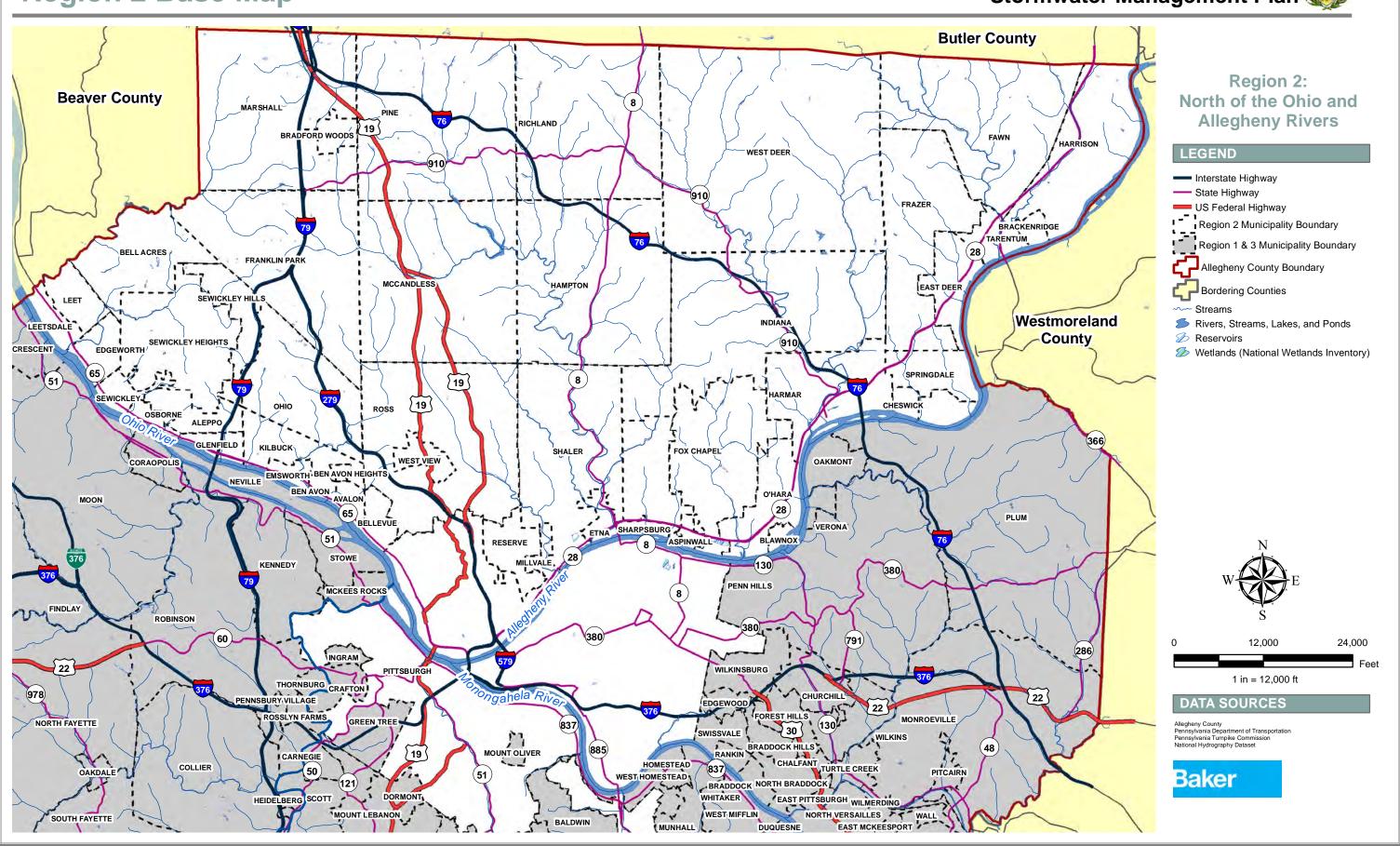
Allegheny County Region Map



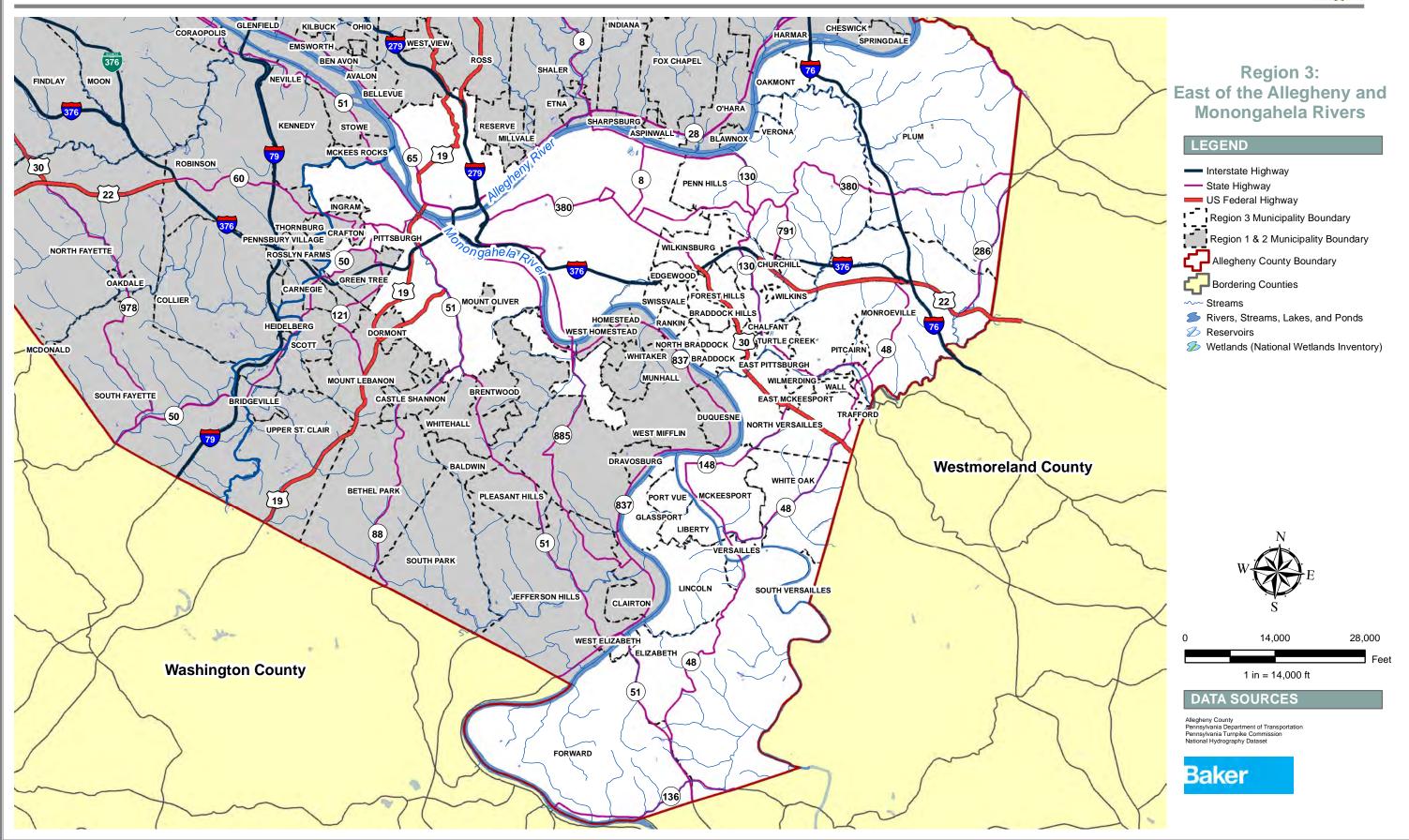
Region 1 Base Map



Region 2 Base Map



Region 3 Base Map

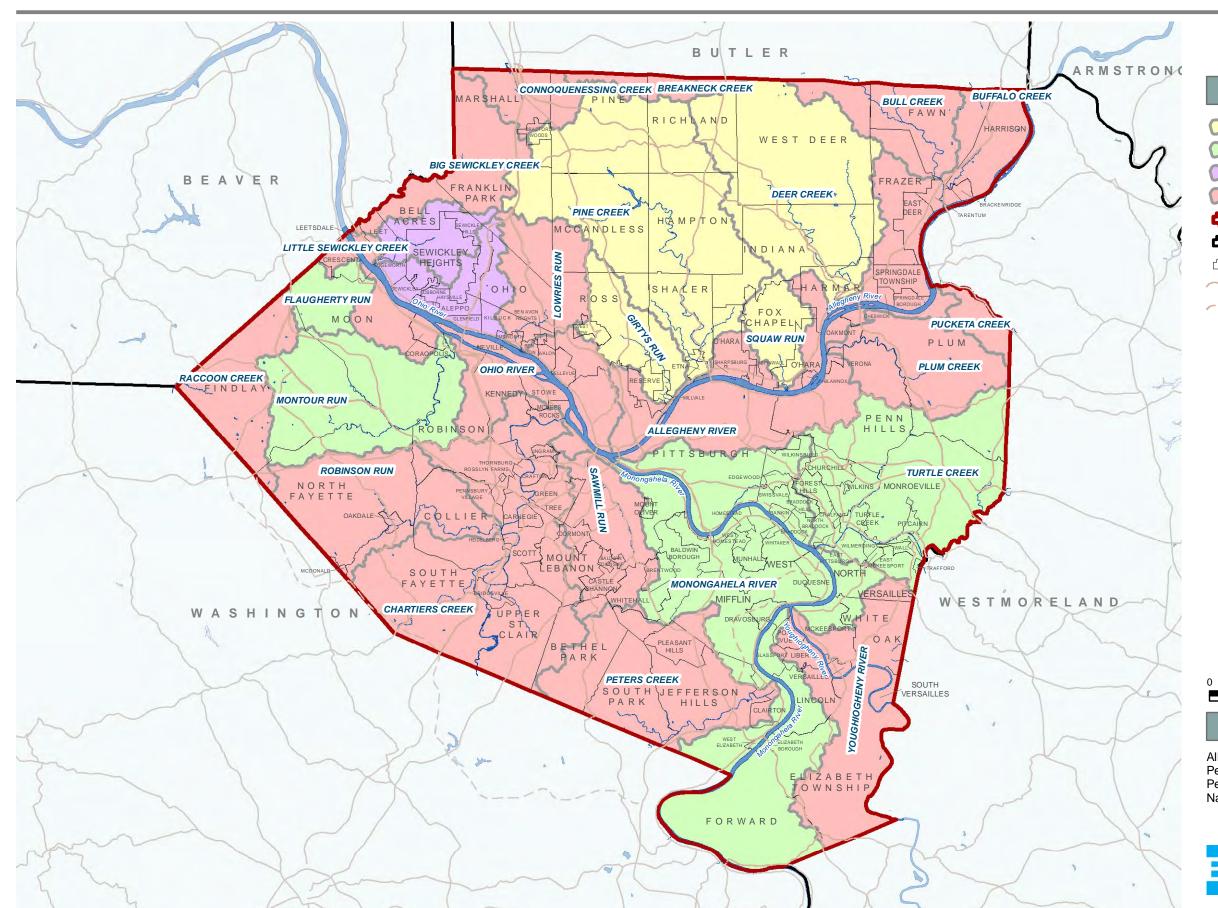


APPENDIX B DEP Designated Watersheds

Act 167 Plans

Allegheny County Stormwater Management Plan





Act 167 Plans

LEGEND

Existing Plan - Being Updated

Existing Plan - No Update Underway

Under Preparation

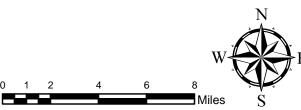
No Plan or Planning Process in Place

Allegheny County Boundary

Bordering Counties

Municipal Boundaries

Proposed Roads



DATA SOURCES

Allegheny County
Pennsylvania Department of Transportation
Pennsylvania Turnpike Commission
National Hydrography Dataset



November 2012

APPENDIX C Stream Quality Data

Appendix C - Impaired Waters

					Аррсі	ndix C - impaired waters
1979 Procedure Procedur	GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
1985 1985						
	01190901	West Branch Deer Creek	05010009000208	9/26/1997	Aquatic Life	Construction - Other Habitat Alterations ; Construction - Turbidity ; Construction - Siltatior
	01190901	West Branch Deer Creek	05010009000208	9/26/1997	Aquatic Life	Construction - Siltation : Construction - Other Habitat Alterations : Construction - Turbidity : Urban Runoff/Storm Sewers - Siltation
Text	01130301	Trest Branch Beer Greek				
1.1 1.2						
1999 1999						, i
Description						
Control Cont	01174809	Fish Run				
Column C						
Section Section Commission Commissio						
	01182585	North Fork Pine Creek				
Coloration Col	01185234	Robinson Run	05030101000491	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals
1,1959 Policy Policy 1,147,000 April 1,			05030101001337	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
1,1959 Policy Policy 1,147,000 April 1,				-4		
	01102040	Dinkortons Dun				
1979/15/20 Differ tem	01103940	PHIKEITOHS KUH				
	01192945	Millers Run				
				-, -, -	4	
	01171600	Chartiers Creek	05030101000085	9/2/1997	Aquatic Life	Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
					l	Removal of Vegetation - Siltation ; Removal of Vegetation - Other Habitat Alterations ; Removal of Vegetation - Suspended Solids ; Bank
Service Proceedings Process						
Commission			05020005001576	12/9/2011	kecreational	Source Unknown - Patnogens
Commission						Removal of Vegetation - Siltation - Removal of Vegetation - Other Habitat Alterations - Removal of Vegetation - Supponded Calida - Bank
	01179241	Lewis Run	05020005001574	3/30/1999	Aquatic Life	
Contributed Sever Durchforu Organic Enrichment(Jul on D. J. Uhban Bundf/Storm Severs - Dilation (Julian Bundf/Storm Severs - Dilation (Julian Bundf/Storm Severs - Station) (Julian Bu						
						Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic
			05020005002032	6/20/2002	Aquatic Life	Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
	01187802	Sleepy Hollow Run	05020005001590	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
			05020005004042	c /20 /2002	A	
			05020005004013	6/20/2002	Aquatic Life	Small Residential Kunom - Slitation ; Small Residential Kunom - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
			05020005000696	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation : Small Residential Runoff - Organic Enrichment/Low D.O. : Abandoned Mine Drainage - Metals
			03020003000030	0/20/2002	riquatic Eric	
			05020005002041	6/20/2002	Aquatic Life	
Combined Sewer Coefflow - Organic Comment (Jour D. D.) Livian Runoff (Storm Sewers			05020005002045	7/28/2010	Recreational	Source Unknown - Pathogens
			05020005002045	4/26/2002	Aquatic Life	
			03020003002043	4/20/2002	Aquatic Life	
			05020005002044	6/20/2002	Aguatic Life	
	01193698	Wylie Run	05020005000695	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
	01177327	Homestead Run				
1936 Wylie Run						
1913698 Wylie Run						
D1183937 Piney Fork	01193698	Wylie Run	05020005000695	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
D1183937 Piney Fork						
05020005001586 3725/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation						
O5020005002057						
01171335 Catfish Run 05020005001587 7/28/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 0117335 Catfish Run 05020005001586 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01183937 Piney Fork 05020005001586 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01183937 Piney Fork 05020005001586 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01183937 Piney Fork 05020005001586 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01183937 Piney Fork 05020005001845 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01171529 Chalfant Run 05020005000689 9/22/2004 Aquatic Life Channelization - Siltation 011768028 Abers Creek 05020005000652 9/22/2004 Aquatic Life Channelization - Flow Alterations 01717335 Catfish Run 05020005000064 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01171335 Catfish Run 050200050001587 7/28/2010 Recreational Source Unknown - Pathogens 01171335 Catfish Run <td>0110393/</td> <td>riney rolk</td> <td>U3UZUUU3UU158b</td> <td>5/25/2010</td> <td>Aquatic Life</td> <td>Orban Kunon/Scottil Sewers - Sittation</td>	0110393/	riney rolk	U3UZUUU3UU158b	5/25/2010	Aquatic Life	Orban Kunon/Scottil Sewers - Sittation
01171335 Catfish Run 05020005001587 7/28/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 0117335 Catfish Run 05020005001586 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01183937 Piney Fork 05020005001586 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01183937 Piney Fork 05020005001586 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01183937 Piney Fork 05020005001586 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01183937 Piney Fork 05020005001845 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01171529 Chalfant Run 05020005000689 9/22/2004 Aquatic Life Channelization - Siltation 011768028 Abers Creek 05020005000652 9/22/2004 Aquatic Life Channelization - Flow Alterations 01717335 Catfish Run 05020005000064 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01171335 Catfish Run 050200050001587 7/28/2010 Recreational Source Unknown - Pathogens 01171335 Catfish Run <td></td> <td></td> <td>05020005002057</td> <td>6/20/2002</td> <td>Aquatic Life</td> <td>Small Residential Runoff - Siltation : Small Residential Runoff - Organic Enrichment/Low D.O. : Abandoned Mine Drainage - Metals</td>			05020005002057	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation : Small Residential Runoff - Organic Enrichment/Low D.O. : Abandoned Mine Drainage - Metals
O1171335 Catfish Run O5020005001587 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001586 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001586 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001586 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001586 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1171529 Chalfant Run O5020005001684 9/23/2004 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1171529 Chalfant Run O5020005000689 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation O117050000000000000000000000000000000000	01171335	Catfish Run				
01183937 Piney Fork 05020005001586 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01183937 Piney Fork 05020005001586 3/25/2010 Recreational Source Unknown - Pathogens 01183937 Piney Fork 05020005001845 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01171529 Chalfant Run 05020005000689 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation 01168028 Abers Creek 05020005000652 9/22/2004 Aquatic Life Channelization - Flow Alterations 01170335 O5020005000664 7/28/2010 Recreational Source Unknown - Pathogens 01171335 Catfish Run 05020005001587 7/28/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01171335 Catfish Run 05020005001587 7/28/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01171335 Catfish Run 05020005001587 7/28/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01171335 Catfish Run 05020005001587 7/28/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01171335 Catfish Run 05020005001585 <td></td> <td></td> <td></td> <td></td> <td></td> <td>· ·</td>						· ·
Ditasas Piney Fork Display	01183937	Piney Fork	05020005001586			· ·
Dita						
Display						· ·
O1171529 Chalfant Run O5020005000689 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation O1168028 Abers Creek O5020005000552 9/22/2004 Aquatic Life Channelization - Flow Alterations O5020005002064 7/28/2010 Recreational Source Unknown - Pathogens O5020005002064 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1171335 Catfish Run O5020005001587 7/28/2010 Recreational Source Unknown - Pathogens O1171335 Catfish Run O5020005001587 7/28/2010 Recreational Source Unknown - Pathogens O5020005001587 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O50200050002065 7/28/2010 Recreational Source Unknown - Pathogens O5020005000505 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1171335 Catfish Run O5020005001587 7/28/2010 Recreational Source Unknown - Pathogens O1171335 Catfish Run O5020005001587 7/28/2010 Recreational Source Unknown - Pathogens O1171335 Catfish Run O5020005001587 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001585 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001585 7/28/2002 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001585 7/28/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001585 7/28/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001585 7/28/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001585 7/28/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001585 7/28/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001585 7/28/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001583 7/28/2010 Aquatic Life Urban Runo	U1183937	riney Fork				
O1168028 Abers Creek O5020005000652 9/22/2004 Aquatic Life Channelization - Flow Alterations O5020005002064 7/28/2010 Recreational Source Unknown - Pathogens O5020005002064 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1171335 Catfish Run O5020005001587 7/28/2010 Recreational Source Unknown - Pathogens O1171335 Catfish Run O5020005001587 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O5020005000505 7/28/2010 Recreational Source Unknown - Pathogens O1171335 Catfish Run O5020005001587 7/28/2010 Recreational Source Unknown - Pathogens O1171335 Catfish Run O5020005001587 7/28/2010 Recreational Source Unknown - Pathogens O1173335 Catfish Run O5020005001587 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001585 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001585 7/28/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001585 7/28/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001585 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001585 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001585 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 7/28/2010 Recreational Sour	01171520	Chalfant Run			•	
Display	30020					
O1171335 Catfish Run O5020005001587 7/28/2010 Recreational Source Unknown - Pathogens O1171335 Catfish Run O5020005001587 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O5020005002065 7/28/2010 Recreational Source Unknown - Pathogens O5020005002065 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1171335 Catfish Run O5020005001587 7/28/2010 Recreational Source Unknown - Pathogens O1171335 Catfish Run O5020005001587 7/28/2010 Recreational Source Unknown - Pathogens O1171335 Catfish Run O5020005001587 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001585 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001585 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001585 7/28/2020 Aquatic Life Abandoned Mine Drainage - Metals O1183937 Piney Fork O5020005001585 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001585 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001585 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001585 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001585 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001583 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 7/28/2010 Recreational Source Unknown - Pathogens						
	01171335	Catfish Run				
05020005002065 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation	01171335	Catfish Run				·
O1171335 Catfish Run O5020005001587 7/28/2010 Recreational Source Unknown - Pathogens O1171335 Catfish Run O5020005001587 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001585 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001585 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O5020005001585 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation O1183937 Piney Fork O5020005001585 7/28/2010 Recreational Abandoned Mine Drainage - Plt ; Abandoned Mine Drainage - Metals O1183937 Piney Fork O5020005001585 3/25/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 3/25/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork O5020005001583 7/28/2010 Re						
01171335 Catfish Run 05020005001587 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01183937 Piney Fork 05020005001585 7/28/2010 Recreational Source Unknown - Pathogens 01183937 Piney Fork 05020005001585 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01183937 Piney Fork 05020005001585 7/28/2010 Recreational Source Unknown - Pathogens 01183937 Piney Fork 05020005001585 7/28/2010 Recreational Source Unknown - Pathogens 01183937 Piney Fork 05020005001585 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01183937 Piney Fork 05020005001583 7/28/2010 Recreational Source Unknown - Pathogens 01183937 Piney Fork 05020005001583 7/28/2010 Recreational Source Unknown - Pathogens	0447400-	0.15.1.0				
01183937 Piney Fork 05020005001585 7/28/2010 Recreational Source Unknown - Pathogens 01183937 Piney Fork 05020005001585 3/25/2010 Aguatic Life Urban Runoff/Storm Sewers - Siltation 01183937 Piney Fork 0502000500266 5/3/2002 Aguatic Life Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Metals 01183937 Piney Fork 05020005001585 7/28/2010 Source Unknown - Pathogens 01183937 Piney Fork 05020005001585 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01183937 Piney Fork 05020005001585 7/28/2010 Recreational Source Unknown - Pathogens 01183937 Piney Fork 05020005001583 7/28/2010 Recreational Source Unknown - Pathogens						
01183937 Piney Fork 05020005001585 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 05020000500266 5/3/2002 Aquatic Life Abandoned Mine Drainage - Pht; Abandoned Mine Drainage - Metals 01183937 Piney Fork 05020005001585 7/28/2010 Recreational Source Unknown - Pathogens 01183937 Piney Fork 05020005001585 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01183937 Piney Fork 05020005001583 7/28/2010 Recreational Source Unknown - Pathogens					•	
						· ·
01183937 Piney Fork 05020005001585 7/28/2010 Recreational Source Unknown - Pathogens 01183937 Piney Fork 05020005001585 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 01183937 Piney Fork 05020005001583 7/28/2010 Recreational Source Unknown - Pathogens	-110000					
01183937 Piney Fork 05020005001583 7/28/2010 Recreational Source Unknown - Pathogens	01183937	Piney Fork				
101183937 Piney Fork 105020005001583 3/25/2010 Aquatic Life Uthan Runoff/Storm Sewers - Siltation						· ·
2720000 1/1/10/2 1/1/2014 1	01183937	Piney Fork	05020005001583	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation

Appendix C - Impaired Waters

		1	1	Appe	ndix C - impaired waters
GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
01183625	Peters Creek	05020005000445	6/20/2002	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Siltation
01183625	Peters Creek	05020005000445		Recreational	Source Unknown - Pathogens
		05020005002073		Recreational	Source Unknown - Pathogens
		05020005002073		Aquatic Life	Urban Runoff/Storm Sewers - Siltation
	Piney Fork	05020005001583		Recreational	Source Unknown - Pathogens
01183937	Piney Fork	05020005001583	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005002078	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005002079	6/20/2002	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		05020005002080		Aquatic Life	Agriculture - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.
		05020005002080		Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
01550003	Monongahela River	05020005000004		Fish Consumption	Source Unknown - PCB
01550003	Monongahela River	05020005000005	7/29/2011	Fish Consumption	Source Unknown - PCB
		05020005002048		Recreational	Source Unknown - Pathogens
		05020005002048	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		05020005002024	c /20 /2002	A	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic
		05020005002031 05020005002045		Aquatic Life Recreational	Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals Source Unknown - Pathogens
		05020005002045		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		05020005002045		Recreational	Source Unknown - Pathogens
		05020005002045		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
01193698	Wylie Run	05020005000694		Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005001591		Recreational	Source Unknown - Pathogens
ļ		05020005001591	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005002051	6/20/2002	Aguatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		05020005002051	6/20/2002	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic
		05020005002053	6/20/2002	Aquatic Life	Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
			-, -0, 2002	4	Agriculture - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage -
01174586	Fallen Timber Run	05020005000384		Aquatic Life	Metals ; Road Runoff - Siltation
		05020005002087	6/20/2002	Aquatic Life	Abandoned Mine Drainage - Metals
					Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine
		05020005002090	6/19/2002	Aquatic Life	Drainage - Metals ; Road Runoff - Siltation
		05020005002052	6/20/2002	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
01183625	Peters Creek	05020005000443		Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Siltation
01183625	Peters Creek	05020005000443	11/18/2009	Recreational	Source Unknown - Pathogens
04474506	Fellow Trock on Dec	05020005000204	c /20 /2002	A	Agriculture - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage -
01174586	Fallen Timber Run	05020005000384	6/20/2002	Aquatic Life	Metals ; Road Runoff - Siltation
01193108	Perry Mill Run	05020005000700	6/20/2002	Aquatic Life	Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
	,				Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff -
		05020005002148	6/2/2003	Aquatic Life	Siltation
					Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff -
		05020005000709		Aquatic Life	Siltation
01169078	Beckets Run	05020005001660	//23/2002	Aquatic Life	Abandoned Mine Drainage - Metals
01193108	Perry Mill Run	05020005000701	6/20/2002	Aquatic Life	Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
			0, 20, 2002		Agriculture - Siltation; Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff
		05020005000709	6/2/2003	Aquatic Life	Siltation
		05020005002154		Aquatic Life	Abandoned Mine Drainage - Metals
		05020005000711		Aquatic Life	Agriculture - Siltation ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation
		05020005002162	7/23/2002	Aquatic Life	Abandoned Mine Drainage - Metals
		0502000500000	6/20/2005	Aguatic Life	Small Recidential Pureoff Cilettee & Small Recidential Pureoff Correia Frainteenakhara C.C. Alandar Maria C.C.
\vdash		05020005000697	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005000703	6/20/2002	Aquatic Life	Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		230200000000	5, 20, 2002		Agriculture - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation ; Urban Runoff/Storm Sewers -
		05020005002123	6/20/2002	Aquatic Life	Organic Enrichment/Low D.O.
01189509	Thompson Run	05020005001962		Aquatic Life	Abandoned Mine Drainage - Metals
		05020005000682		Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01189505	Thompson Run	05020005000678		Aquatic Life	Channelization - Siltation
01179085	Leak Run	05020005004011		Aquatic Life	Channelization - Siltation
		05020005001838 05020005000692		Aquatic Life	Channelization - Siltation
01189510	Thompson Run	05020005000692 05020005000664		Aquatic Life Aquatic Life	Abandoned Mine Drainage - Siltation Channelization - Siltation
01103310	mompson null	03020003000004	2/43/4004	nquatic Life	Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned
01174586	Fallen Timber Run	05020005000384	6/20/2002	Aquatic Life	Mine Drainage - Metals
	Chalfant Run	05020005000689		Aquatic Life	Abandoned Mine Drainage - Siltation
		05020005001806		Aquatic Life	Channelization - Siltation
		05020005001812		Aquatic Life	Channelization - Siltation
01188872	Streets Run	05020005000474		Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
		05020005001975		Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation Changelization Other Habitat Alterations
-		05020005001872 05020005001878		Aquatic Life Aquatic Life	Channelization - Other Habitat Alterations Bank Modifications - Siltation
01188872	Streets Run	05020005001878		Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
31130072	an accomuni	05020005001638		Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01192779	Lick Run	05020005001581		Recreational	Source Unknown - Pathogens
	Lick Run	05020005001581		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01189510	Thompson Run	05020005000664		Aquatic Life	Channelization - Siltation
01189505	Thompson Run	05020005000680		Aquatic Life	Channelization - Siltation
01183705	Piersons Run	05020005000662		Aquatic Life	Abandoned Mine Drainage - Siltation
\vdash		05020005001821 05020005001822		Aquatic Life Aquatic Life	Channelization - Flow Alterations Channelization - Siltation
01189505	Thompson Run	05020005001822		Aquatic Life Aquatic Life	Channelization - Siltation Channelization - Siltation
01103303	o.npoori null	05020005000680		Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
				.,	,

		1	1	Аррс	ndix C - impaired waters
GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
01187030	Sawmill Run	05020005000693	9/23/2004	Aquatic Life	Source Unknown - Siltation
		05020005001604	4/26/2002	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005001605	4/26/2002	Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
					Bank Modifications - Other Habitat Alterations ; Bank Modifications - Siltation ; Bank Modifications - Suspended Solids ; Removal of
		05020005002013	6/2/2009	Aguatic Life	Vegetation - Other Habitat Alterations ; Removal of Vegetation - Siltation ; Removal of Vegetation - Suspended Solids ; R
		05020005002013	12/9/2011	Recreational	Source Unknown - Pathogens
		05020005002014	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002014		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005002015		Recreational	Source Unknown - Pathogens
01103770	Liel. D	05020005002015		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
01192779 01192779	Lick Run Lick Run	05020005001581 05020005001581		Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01132773	LICK RUIT	03020003001381	4/20/2002	Aquatic Life	Ordan Manday Storm Sewers Organic Elinetimienty Low 3.0., Additioning Mining Mi
					Removal of Vegetation - Siltation ; Removal of Vegetation - Other Habitat Alterations ; Removal of Vegetation - Suspended Solids ; Bank
		05020005002018	3/30/1999	Aquatic Life	Modifications - Siltation ; Bank Modifications - Other Habitat Alterations ; Bank Modifications - Suspended Solids ; R
		05020005002018	12/9/2011	Recreational	Source Unknown - Pathogens
		05020005002019		Recreational	Source Unknown - Pathogens
		05020005002019	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
01179241	Lowis Pup	05020005001575	2/2/2011	Aquatic Life	Road Runoff - Oil and Grease; Municipal Point Source - Nutrients; Bank Modifications - Other Habitat Alterations; Bank Modifications -
01179241	Lewis Run Lewis Run	05020005001575		Recreational	Siltation ; Bank Modifications - Suspended Solids ; Removal of Vegetation - Other Habitat Alterations ; Removal of V Source Unknown - Pathogens
01192779	Lick Run	05020005001575		Recreational	Source Unknown - Pathogens
01192779	Lick Run	05020005001581		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
					-
					Road Runoff - Oil and Grease; Municipal Point Source - Nutrients; Bank Modifications - Other Habitat Alterations; Bank Modifications -
01179241	Lewis Run	05020005001575		Aquatic Life	Siltation; Bank Modifications - Suspended Solids; Removal of Vegetation - Other Habitat Alterations; Removal of V
01179241	Lewis Run	05020005001575	12/9/2011	Recreational	Source Unknown - Pathogens
					Removal of Variation Citation - Removal of Variation - Other Habitat Alteration - Power Laboration - Citation - Removal of Variation - Citation - Removal of Variation - Citation - Citatio
		05020005001577	3/20/1000	Aquatic Life	Removal of Vegetation - Siltation ; Removal of Vegetation - Other Habitat Alterations ; Removal of Vegetation - Suspended Solids ; Bank Modifications - Siltation ; Bank Modifications - Other Habitat Alterations ; Bank Modifications - Suspended Solids ; R
		05020005001577		Recreational	Source Unknown - Pathogens
		05020005001377		Recreational	Source Unknown - Pathogens
		05020005002027		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		05020005001884		Aquatic Life	Bank Modifications - Siltation
		05020005001887	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05020005001887		Aquatic Life	Bank Modifications - Siltation
		05020005001887		Aquatic Life	Bank Modifications - Siltation
		05020005001891	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05010009001010	7/20/1007	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
		05010009001010		Recreational	Source Unknown - Pathogens
		05020005002010		Aquatic Life	Road Runoff - Siltation
01209386	Allegheny River	05010009000503		Potable Water Supply	Source Unknown - Pathogens
01209386	Allegheny River	05010009000503		Fish Consumption	Source Unknown - PCB
01183771	Pine Creek	05010009000144		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000144	12/19/2007	Recreational	Source Unknown - Pathogens
04404440	DI C I	0504000000004	7/6/4000	A	
01184110	Plum Creek	05010009000081 05010009000791		Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Other Inorganics ; Urban Runoff/Storm Sewers - Oil and Grease Urban Runoff/Storm Sewers - Siltation
		03010003000731	7/13/1333	Aquatic Life	Grant tallony status Sewers Shaddon
01184110	Plum Creek	05010009000080	7/6/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Other Inorganics ; Urban Runoff/Storm Sewers - Oil and Grease
		05010009000960		Recreational	Source Unknown - Pathogens
01181477	Montour Run	05010009000138		Aquatic Life	Road Runoff - Siltation
01181477	Montour Run	05010009000138	12/19/2007	Recreational	Source Unknown - Pathogens
	Dawson Run	05010009000198		Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
	Montour Run	05010009000138 05010009000138		Aquatic Life	Road Runoff - Siltation
01181477 01181477	Montour Run Montour Run	05010009000138		Recreational Recreational	Source Unknown - Pathogens Source Unknown - Pathogens
01181477	Montour Run	05010009000301		Recreational	Source Unknown - Pathogens
01190901	West Branch Deer Creek	05010009000208		Aquatic Life	Construction - Other Habitat Alterations ; Construction - Turbidity ; Construction - Siltatior
		05030101003963		Aquatic Life	Erosion from Derelict Land - Siltation
01183948	Pinkertons Run	05030101004029		Aquatic Life	Source Unknown - Cause Unknown
01174809	Fish Run	05010009000152		Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
01174809	Fish Run	05010009000152		Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009000144	//21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
					Construction - Siltation ; Construction - Flow Alterations ; Construction - Turbidity ; Subsurface Mining - Salinity/TDS/Chlorides ; Abandoned
01179524	Little Deer Creek	05010009000179	8/1/1997	Aquatic Life	Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
			-, 1, 1551	,	
					Construction - Siltation ; Construction - Flow Alterations ; Construction - Turbidity ; Subsurface Mining - Salinity/TDS/Chlorides ; Abandoned
01192337	Deer Creek	05010009000093	8/1/1997	Aquatic Life	Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Source Unknown - Nutrients
1				l	Construction - Siltation ; Construction - Flow Alterations ; Construction - Turbidity ; Subsurface Mining - Salinity/TDS/Chlorides ; Abandoned
01192337	Deer Creek	05010009000094	8/1/1997	Aquatic Life	Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Source Unknown - Nutrients
					Construction Citation Construction Flow Alternations Construction Construction Citation Construction Construc
01102227	Door Crook	0501000000000	0/1/1007	Aquatic Life	Construction - Siltation ; Construction - Flow Alterations ; Construction - Suspended Solids ; Construction - Turbidity ; Source Unknown -
01192337 01172838	Deer Creek Cunningham Run	05010009000096 05010009000192		Aquatic Life Aquatic Life	Nutrients ; Habitat Modification - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations
01209386	Allegheny River	05010009000192		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05030101003687	_, _1, _002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
					V
01187035	Sawmill Run	05030101000494	11/25/1997	Aquatic Life	Combined Sewer Overflow - Nutrients ; Combined Sewer Overflow - DO/BOD ; Urban Runoff/Storm Sewers - Water/Flow Variability
				l	Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned
1		05010009000181	8/1/1997	Aquatic Life	Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides

March Design					Appe	ndix C - Impaired waters
March Design	GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
			05010009000931	8/1/1997	Aquatic Life	
						Abandoned Mine Drainage - Siltation
MINISTERNOON 12,777 Separation Montange Sequential value Montange Sequential			05030101003962	10/12/2006	Aquatic Life	
Colorador Colo			05030101000406	12/4/1997	Aquatic Life	
Volume Not N			05030101001293	11/25/1997	Aquatic Life	
1988	01187188	Scrubgrass Run	05030101001494	11/25/1997	Aquatic Life	
			05010009000791			Urban Runoff/Storm Sewers - Siltation
	01188366	Squaw Run				
			05010009000813			
			05010009000825	7/31/1997	Aquatic Life	
			05020005006019			
			05020005002028	7/28/2010	Recreational	Source Unknown - Pathogens
11.00000000000000000000000000000000000			05020005002028	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
111995 Montpolic Number 100000000000000000000000000000000000					1	
13,000,000,000,000,000,000,000,000,000,0	01174586	Fallen Timher Run	05020005000384	6/20/2002	Aquatic Life	
12,000013						ÿ
Monospacks Bayer	U12U3U33	iviorionganeia niver				
	01202077	Manager I D				
	U1209053	ivionongahela River				
					· •	
			05020005002120	2/15/2006	Aquatic Life	Abandoned Mine Drainage - Metals
Construction - Sitation Construction - Flow Attentions Construction - Turbidity Subsurface Mining - Salimity/TDS/Chlorides Abandone Mine Drainage - Methods Abandoned Mine Drainage - Salimity/TDS/Chlorides Abandoned Mine Drainage - Methods Adandoned Mine Drainage - Salimity/TDS/Chlorides Abandoned Mine Drainage - Salimity/TDS/Chlorides Abandoned Mine Drainage - Methods Adandoned Mine Drainage - Salimity/TDS/Chlorides Abandoned Mine Drainage - Methods Abandoned Mine Drainage - Salimity/TDS/Chlorides Abandoned Mine Drainage - Methods Abandoned Mine Drainage - Salimity/TDS/Chlorides Abandoned Mine Drainage - Methods			05020005001899	9/24/2004	Aquatic Life	Channelization - Other Habitat Alterations
001000000000999 8/1/1997 Aquatic Life Mine Chainage - Metals, Abandoned Mine Drainage - Metals, Control - Metals Metals, Control - Me	01189972	Turtle Creek	05020005000481	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
Construction - Silitation Construction - Flow Afterations Construction - Turbidity Subsurface Mining - Salinity/TDS/Chlorides						Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned
			05010009000939	8/1/1997	Aquatic Life	-
			05010009000939	8/1/1997	Aquatic Life	
Onstruction - Sittation ; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandon Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides of Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides of Mine Drainage - Metals; Urban Runoff/Storm Sewers - Oil and Grease - Other Indoors - Other Runoff Storm Sewers - Oil and Grease - Other Indoors - Other Runoff Storm Sewers - Oil and Grease - Other Indoors - Other Runoff Storm Sewers - Oil and Grease - Other Runoff Storm Sewers - Sittation - Supported Solids; R - Ostoroposopool - Other Runoff Storm Sewers - Sittation - Supported Solids; R - Ostoroposopool - Other Runoff Storm Sewers - Sittation - Sit						
S0510095000173 7/L/1999 Aquatic Life Abandoned Mine Drainage - Salinity/TDS/Chlorides Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Other Introducts Salinity/TDS/Chlorides Abandoned Mine Drainage - Salinity/TDS/Chlorides Abandon			03010003000130	4/1/2003	Aquatic Life	This is a state of the state of
			05010009000183	8/1/1997	Aquatic Life	Construction - Siltation ; Construction - Flow Alterations ; Construction - Turbidity ; Subsurface Mining - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
	01184375	Powers Run	05010009000177	7/6/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Other Inorganics ; Urban Runoff/Storm Sewers - Oil and Grease
			05010009000931	8/1/1997	Aquatic Life	Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides
			05010009000931	8/1/1997	Aquatic Life	Construction - Siltation ; Construction - Flow Alterations ; Construction - Turbidity ; Subsurface Mining - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
			05020005001875			Channelization - Other Habitat Alterations
	01188872	Streets Run	05020005000475	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
Bank Modifications - Other Habitat Alterations; Bank Modifications - Suspended Solids; Removal of Vegetation - Other Habitat Alterations; Removal of Vegetation - Siltation; Bank Modifications - Suspended Solids; Removal of Vegetation - Other Habitat Alterations; Removal of Vegetation - Siltation; Removal of Vegetation - Suspended Solids; Removal of Vegetation - Siltation; Bank Modifications - Suspended Solids; Removal of Vegetation - Siltation; Removal of Vegetation - Suspended Solids; Removal of Vegetation - Siltation; Removal of Vegetation - Suspended Solids; Removal of Vegetation - Siltation; Bank Modifications - Suspended Solids; Removal of Vegetation - Siltation; Bank Modifications - Suspended Solids; Removal of Vegetation - Siltation; Bank Modifications - Suspended Solids; Removal of Vegetation - Siltation; Bank Modifications - Suspended Solids; Removal of Vegetation - Siltation; Bank Modifications - Suspended Solids; Removal of Vegetation - Siltation; Bank Modifications - Suspended Solids; Removal of Vegetation - Siltation; Bank Modifications - Suspended Solids; Removal of Vegetation - Siltation; Bank Modifications - Suspended Solids; Removal of Vegetation - Siltation; Bank Modifications - Suspended Solids; Removal of Vegetation - Siltation; Bank Modifications - Suspended Solids; Removal of Vegetation - Siltation; Bank Modifications - Suspended Solids; Removal of Vegetation - Siltation; Bank Modifications - Siltation; Bank Modifications - Suspended Solids; Removal of Vegetation - Siltation; Bank Modifications - Siltation; Bank Modi			05020005001865	9/24/2004	Aquatic Life	Channelization - Other Habitat Alterations
			05020005001889	9/24/2004	Aquatic Life	Bank Modifications - Siltation
05010009000197 6/13/2008 Aquatic Life Agriculture - Nutrients ; Abandoned Mine Drainage - Siltation ; Small Residential Runoff - Siltation						Vegetation - Other Habitat Alterations ; Removal of Vegetation - Siltation ; Removal of Vegetation - Suspended Solids ; R
			05020005002008	12/9/2011	Recreational	Source Unknown - Pathogens
1183771 Pine Creek 05010009000054 7/11/2002 Fish Consumption Source Unknown - PCB; Source Unknown - Chlordane Source Unknown - PCB; Source Unknown - Chlordane Source Unknown - PCB; Source Unknown - PCCB; Source Unknown - PCCB; Source Unknown - PCCB; Source Unknown - PCCB; Source Unknown - PCCCB; Source Unknown - PCCCCB; Source Unknown - PCCCCCCB; Source Unknown - PCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC			05010009000197	6/13/2008	Aquatic Life	Small Residential Runoff - Nutrients ; Abandoned Mine Drainage - Siltation ; Small Residential Runoff - Siltation
1183771 Pine Creek 05010009000054 7/11/2002 Fish Consumption Source Unknown - PCB; Source Unknown - Chlordane Source Unknown - PCB; Source Unknown - Chlordane Source Unknown - PCB; Source Unknown - PCCB; Source Unknown - PCCB; Source Unknown - PCCB; Source Unknown - PCCB; Source Unknown - PCCCB; Source Unknown - PCCCCB; Source Unknown - PCCCCCCB; Source Unknown - PCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC			05010009000682	7/30/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
1183771 Pine Creek 05010009000059 7/21/1999 Aquatic Life Land Development - Siltation ; Small Residential Runoff - Nutrients	01209386	Allegheny River				
12/19/2007 12/						
					· •	
05010009000157 12/19/2007 Recreational Source Unknown - Pathogens	,	, Sicci				
05010009000956 12/19/2007 Recreational Source Unknown - Pathogens						Ü
12/19/2007 12/						
12/19/2007 12/						
05010009000077 12/19/2007 Recreational Source Unknown - Pathogens	01102505	North Fork Direc Coast				Ü
12/19/2007 12/	01102383	MOTULE OF K PILLE CREEK				Ü
12/19/2007 Recreational Source Unknown - Pathogens Removal of Vegetation - Nutrients; Small Residential Runoff - Nutrients; Abandoned Mine Drainage - Metals; Removal of Vegetation - Siltation; Bank Modifications - Siltation	01103505	North Fork Ding C!				
Removal of Vegetation - Nutrients; Small Residential Runoff - Nutrients; Abandoned Mine Drainage - Metals; Removal of Vegetation - Nutrients; Turtle Creek 0502005000487 3/2/1999 Aquatic Life Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm						
01189972 Turtle Creek 05020005000489 3/2/1999 Aquatic Life Siltation; Bank Modifications - Siltation 01189972 Turtle Creek 05020005000487 3/1/1999 Aquatic Life Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation 01189972 Turtle Creek 05020005000482 1/2/1999 Aquatic Life Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH 01189505 Thompson Run 05020005000073 1/2/1999 Aquatic Life Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH 01550003 Monongahela River 05020005000002 5/4/2002 Potable Water Supply Source Unknown - PCB 01550003 Monongahela River 05020005000002 3/2/2011 Fish Consumption Source Unknown - PCB 01550003 Monongahela River 05020005000002 3/2/2011 Fish Consumption Source Unknown - PCB 01550003 Monongahela River 05020005000002 3/2/2011 Fish Consumption Source Unknown - PCB 01550003 Monongahela River 05020005000002 3/2/2011 Fish Consumption Source Unknown - PCB 01550003 Monongahela River 05020050000	U1182585	NORTH FORK PINE Creek	05010009000154	12/19/2007	necreational	
01189972 Turtle Creek 05020005000487 3/1/1999 Aquatic Life Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation 01189972 Turtle Creek 05020005000482 1/2/1999 Aquatic Life Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH 01189505 Thompson Run 05020005000073 1/2/1999 Aquatic Life Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH 01550003 Monongahela River 05020005000002 5/4/2002 Potable Water Supply Source Unknown - Pathogens 01550003 Monongahela River 05020005000002 3/2/2011 Fish Consumption Source Unknown - PCB 01550003 Monongahela River 05020005000002 3/2/2011 Fish Consumption Source Unknown - PCB 01550003 Monongahela River 05020005000002 8/29/2011 Aquatic Life Source Unknown - PCB 01550003 Monongahela River 05020005000002 8/29/2011 Aquatic Life Source Unknown - Osmotic Pressure 01550003 Monongahela River 0502005000002 8/29/2011 Aquatic Life Source Unknown - Osmotic Pressure	01189977	Turtle Creek	05020005000489	3/2/1900	Aquatic Life	
01189972 Turtle Creek 05020005000482 1/2/1999 Aquatic Life Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH 01189950 Thompson Run 05020005000673 1/2/1999 Aquatic Life Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH 01550003 Monongahela River 05020005000002 5/4/2002 Potable Water Supply Source Unknown - Pathogens 01550003 Monongahela River 05020005000002 3/2/2011 Fish Consumption Source Unknown - PCB 01550003 Monongahela River 05020005000002 3/2/2011 Fish Consumption Source Unknown - PCB 01550003 Monongahela River 05020005000002 8/29/2011 Aquatic Life Source Unknown - Osmotic Pressure 01550003 Monongahela River 05020005000002 8/29/2011 Aquatic Life Source Unknown - Osmotic Pressure 01550003 Monongahela River 05020005000002 8/29/2011 Aquatic Life Source Unknown - Osmotic Pressure 05020005000709 6/2/2003 Aquatic Life Siltation ; Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Small Resid						
01189505 Thompson Run 05020005000673 1/2/1999 Aquatic Life Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH 01550003 Monongahela River 05020005000002 5/4/2002 Potable Water Supply Source Unknown - Pathogens 01550003 Monongahela River 05020005000002 3/2/2011 Fish Consumption Source Unknown - PCB 01550003 Monongahela River 05020005000002 3/2/2011 Fish Consumption Source Unknown - PCB 01550003 Monongahela River 05020005000002 8/29/2011 Aquatic Life Source Unknown - Osmotic Pressure 01550003 Monongahela River 05020005000000 6/2/2003 Aquatic Life Source Unknown - Osmotic Pressure 05020005000709 6/2/2003 Aquatic Life Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichme						
01550003 Monongahela River 05020005000002 5/4/2002 Potable Water Supply Source Unknown - Pathogens 01550003 Monongahela River 05020005000002 3/2/2011 Fish Consumption Source Unknown - PCB 01550003 Monongahela River 05020005000002 3/2/2011 Fish Consumption Source Unknown - PCB 01550003 Monongahela River 05020005000002 8/29/2011 Aquatic Life Source Unknown - Osmotic Pressure 05020005000709 6/2/2003 Aquatic Life Siltation ; Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff						
01550003 Monongahela River 05020005000002 3/2/2011 Fish Consumption Source Unknown - PCB 01550003 Monongahela River 05020005000002 3/2/2011 Fish Consumption Source Unknown - PCB 01550003 Monongahela River 05020005000002 8/29/2011 Aquatic Life Source Unknown - Osmotic Pressure Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Sm						
01550033 Monongahela River 05020005000002 3/2/2011 Fish Consumption Source Unknown - PCB 0155003 Monongahela River 05020005000002 8/29/2011 Aquatic Life Source Unknown - Osmotic Pressure 050200050000709 6/2/2003 Aquatic Life Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O.						
05020005000002 8/29/2011 Aquatic Life Source Unknown - Osmotic Pressure Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Organic Enrichment/Low D.O. ; Small Residential						
Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Small R	01550003					
05020005000709 6/2/2003 Aquatic Life Siltation	01550003	Monongahela River	05020005000002	8/29/2011	Aquatic Life	
						Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff -
01550003 Monongahela River 05020005000024 7/29/2011 Fish Consumption Source Unknown - PCB			05020005000709	6/2/2003	Aquatic Life	Siltation
	01550003	Monongahela River	05020005000024	7/29/2011	Fish Consumption	Source Unknown - PCB

				- Дррсі	ndix C - Impaired waters
GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
01550003	Monongahela River	05020005000024	4/5/2010	Potable Water Supply	Abandoned Mine Drainage - Other Inorganics ; Subsurface Mining - Other Inorganics ; Industrial Point Source - Other Inorganics
01169078	Beckets Run	05020005000707		Aquatic Life	Abandoned Mine Drainage - Metals
		05020005002169	7/23/2002	Aquatic Life	Abandoned Mine Drainage - Metals
01550003	Monongahela River	05020005001638	7/29/2011	Fish Consumption	Source Unknown - PCB
01550003	Monongahela River	05020005001638		Potable Water Supply	Abandoned Mine Drainage - Other Inorganics; Subsurface Mining - Other Inorganics; Industrial Point Source - Other Inorganics
01209053 01209053	Monongahela River Monongahela River	05020005001618 05020005001618		Potable Water Supply Fish Consumption	Source Unknown - Pathogens Source Unknown - PCB
01209053	Monongahela River	05020005001618		Potable Water Supply	Source Unknown - Pathogens
01209053	Monongahela River	05020005001618		Fish Consumption	Source Unknown - PCB
01209053	Monongahela River	05020005000008		Fish Consumption	Source Unknown - PCB
01179633	Little Pine Creek	05010009000113		Recreational	Source Unknown - Pathogens
01179633	Little Pine Creek	05010009000114	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000118	12/19/2007	Recreational	Source Unknown - Pathogens
	Little Pine Creek	05010009000116		Recreational	Source Unknown - Pathogens
	Pine Creek	05010009000063		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000063		Recreational	Source Unknown - Pathogens
01183771 01183771	Pine Creek Pine Creek	05010009000064 05010009000064		Aquatic Life Recreational	Land Development - Siltation ; Small Residential Runoff - Nutrients Source Unknown - Pathogens
01165//1	rille Creek	05010009000004		Recreational	Source Unknown - Pathogens
		05010009000124		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000124		Recreational	Source Unknown - Pathogens
		05020005001869	9/24/2004	Aquatic Life	Channelization - Other Habitat Alterations
		05020005001870		Aquatic Life	Bank Modifications - Siltation
		05020005001886	9/24/2004	Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Siltation
		05040000000		A	Urban Runoff/Storm Sewers - Nutrients; Removal of Vegetation - Other Habitat Alterations; Bank Modifications - Other Habitat Alterations
<u> </u>		05010009000713		Aquatic Life	Road Runoff - Oil and Grease
\vdash		05010009000716 05010009000716		Aquatic Life Recreational	Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens
01179635	Little Pine Creek	05010009000716		Recreational Recreational	Source Unknown - Pathogens Source Unknown - Pathogens
01179635	Little Pine Creek	05010009000165		Recreational	Source Unknown - Pathogens
01179635	Little Pine Creek	05010009000165		Recreational	Source Unknown - Pathogens
		05010009000077		Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000153	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000160		Recreational	Source Unknown - Pathogens
	Pine Creek	05010009000151		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000151		Recreational	Source Unknown - Pathogens
		05010009000959		Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000954 05010009000155		Recreational Recreational	Source Unknown - Pathogens Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000155		Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000154		Recreational	Source Unknown - Pathogens
		05010009000838		Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
		05010009000961	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01189972	Turtle Creek	05020005000481	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
	Turtle Creek	05020005000482		Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01189972	Turtle Creek	05020005000480		Aquatic Life	Abandoned Mine Drainage - Siltation
01189972	Turtle Creek	05020005000480		Aquatic Life	Abandoned Mine Drainage - Siltation
01170437	Brush Creek	05020005001920 05020005000550		Aquatic Life Aquatic Life	Bank Modifications - Siltation Abandoned Mine Drainage - Siltation
	Lick Run	05020005001581		Recreational	Source Unknown - Pathogens
	Lick Run	05020005001581		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
				4	
		05020005001605	4/26/2002	Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
					Industrial Point Source - Priority Organics ; Municipal Point Source - Organic Enrichment/Low D.O. ; Removal of Vegetation - Other Habitat
01183625	Peters Creek	05020005000442		Aquatic Life	Alterations
01183625	Peters Creek	05020005000442		Potable Water Supply	Source Unknown - Pathogens
01183625	Peters Creek	05020005000442	11/18/2009	Recreational	Source Unknown - Pathogens
01102625	Datars Craak	05020005000442	2/20/1000	Agustic Life	Industrial Point Source - Priority Organics ; Municipal Point Source - Organic Enrichment/Low D.O. ; Removal of Vegetation - Other Habitat
	Peters Creek Peters Creek	05020005000442		Aquatic Life Potable Water Supply	Alterations Source Unknown - Pathogens
01183625	Peters Creek	05020005000442		Recreational	Source Unknown - Pathogens
			,,		Industrial Point Source - Priority Organics; Municipal Point Source - Organic Enrichment/Low D.O.; Removal of Vegetation - Other Habitat
01183625	Peters Creek	05020005000442	3/30/1999	Aquatic Life	Alterations
01183625	Peters Creek	05020005000442	10/28/2003	Potable Water Supply	Source Unknown - Pathogens
01183625	Peters Creek	05020005000442	11/18/2009	Recreational	Source Unknown - Pathogens
					Industrial Point Source - Priority Organics ; Municipal Point Source - Organic Enrichment/Low D.O. ; Removal of Vegetation - Other Habitat
01183625	Peters Creek	05020005000442		Aquatic Life	Alterations
01183625	Peters Creek	05020005000442 05020005000442		Potable Water Supply	Source Unknown - Pathogens
01183625	Peters Creek	U3U2UUU3UUU442	11/18/2009	Recreational	Source Unknown - Pathogens Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned
01174586	Fallen Timber Run	05020005000384	6/20/2002	Aquatic Life	Agriculture - Sitation ; Agriculture - Organic Enficitment/Low D.O. ; Small Residential Runoll - Organic Enficitment/Low D.O. ; Adamdoned Mine Drainage - Metals
31177300	rander null	-30200000000	5/20/2002		Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff -
		05020005002141	6/2/2003	Aquatic Life	Siltation
		05020005001878		Aquatic Life	Bank Modifications - Siltation
01191105	West Run	05020005001935	9/24/2004	Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Siltation
01172724	Crooked Run	05020005000537		Aquatic Life	Bank Modifications - Siltation
		05020005002010		Aquatic Life	Road Runoff - Siltation
04460=	D' - C I	05020005002102		Aquatic Life	Habitat Modification - Siltation
	Pine Creek	05010009000064		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
	Pine Creek	05010009000064		Recreational	Source Unknown - Pathogens
01175865 01183771	Gourdhead Run Pine Creek	05010009000123 05010009000066		Recreational Aquatic Life	Source Unknown - Pathogens Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000066		Recreational	Source Unknown - Pathogens
-1103//1	0.00.	05010009000161		Recreational	Source Unknown - Pathogens
		05010009000161		Recreational	Source Unknown - Pathogens
					Construction - Siltation ; Construction - Flow Alterations ; Construction - Suspended Solids ; Construction - Turbidity ; Source Unknown -
01192337	Deer Creek	05010009000097	8/1/1997	Aquatic Life	Nutrients ; Habitat Modification - Other Habitat Alterations

GNIS ID					
5.415 10	Waterbody Name	Reach Code	Date	Stream Assessment	Source
					Construction Citation Construction Flour Management Construction Construction Construction Turbidly Construction
01192337	Deer Creek	05010009000098	8/1/1997	Aquatic Life	Construction - Siltation ; Construction - Flow Alterations ; Construction - Suspended Solids ; Construction - Turbidity ; Source Unknown - Nutrients ; Habitat Modification - Other Habitat Alterations
		05010009000143		Recreational	Source Unknown - Pathogens
	Pine Creek	05010009000070 05010009000070		Aquatic Life Recreational	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	0501000900070		Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Nutrients
		05010009000811		Recreational	Source Unknown - Pathogens
		05010009000719		Recreational	Source Unknown - Pathogens
	Pine Creek	05010009000145		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
	Pine Creek Pine Creek	05010009000145 05010009000145		Recreational Aquatic Life	Source Unknown - Pathogens Land Development - Siltation ; Small Residential Runoff - Nutrients
	Pine Creek	05010009000145		Recreational	Source Unknown - Pathogens
01192514	Girtys Run	05010009000107		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000148		Recreational	Source Unknown - Pathogens
\vdash		05010009000148 05010009000495		Recreational Aquatic Life	Source Unknown - Pathogens Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
		05010009000495		Recreational	Source Unknown - Pathogens
		05010009000723		Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
		05010009000723		Recreational	Source Unknown - Pathogens
\vdash		05010009000732 05010009000723		Recreational Aquatic Life	Source Unknown - Pathogens Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
		05010009000723		Recreational	Source Unknown - Pathogens
		05010009000148	12/19/2007	Recreational	Source Unknown - Pathogens
igsquare		05010009000148		Recreational	Source Unknown - Pathogens
\vdash		05010009000148 05010009000148		Recreational Recreational	Source Unknown - Pathogens Source Unknown - Pathogens
01192795	Little Bull Creek	05010009000148		Aquatic Life	Source Unknown - Patnogens Agriculture - Siltation
		05010009000969		Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
	-	05010009000580	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
01101477	Montour Run	05010009000587		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
	Montour Run Montour Run	05010009000136 05010009000136		Aquatic Life Recreational	Road Runoff - Siltation Source Unknown - Pathogens
		05010009000130		Recreational	Source Unknown - Pathogens
		05010009000131		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000131		Recreational	Source Unknown - Pathogens
01192337	Deer Creek	05010009000099 05010009000142		Aquatic Life Recreational	Removal of Vegetation - Nutrients ; Removal of Vegetation - Siltation Source Unknown - Pathogens
01192337	Deer Creek	05010009000142		Aquatic Life	Removal of Vegetation - Nutrients ; Removal of Vegetation - Siltation
	West Branch Deer Creek	05010009000208		Aquatic Life	Removal of Vegetation - Nutrients ; Removal of Vegetation - Siltation
	Montour Run	05010009000138		Aquatic Life	Road Runoff - Siltation
01181477	Montour Run	05010009000138 05010009000141		Recreational Recreational	Source Unknown - Pathogens Source Unknown - Pathogens
01183771	Pine Creek	05010009000141		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
	Pine Creek	05010009000062		Recreational	Source Unknown - Pathogens
					Combined Sewer Overflow - Nutrients ; Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease ; Abandoned
01179641	Little Plum Creek	05010009000475	7/12/1999	Aquatic Life	Mine Drainage - Metals
01184110	Plum Creek	05010009000081	7/6/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Other Inorganics ; Urban Runoff/Storm Sewers - Oil and Grease
			.,,,====	1,	
		05010009000572		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Golf Courses - Pesticides ; Golf Courses - Organic Enrichment/Low D.O.
		05010009000573 05010009000576		Aquatic Life Aquatic Life	Urban Runoff/Storm Sewers - Nutrients Urban Runoff/Storm Sewers - Nutrients
		05010009000376		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01184110	Plum Creek	05010009000084		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
		05010009000580		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
	Little Pine Creek	05010009000164		Recreational Aquatic Life	Source Unknown - Pathogens
	Pine Creek Pine Creek	05010009000061 05010009000061		Recreational	Land Development - Siltation ; Small Residential Runoff - Nutrients Source Unknown - Pathogens
	Pine Creek	05010009000059		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
	Pine Creek	05010009000059	12/19/2007	Recreational	Source Unknown - Pathogens
\Box		05010009000837	6/8/1999	Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
01179641	Little Plum Creek	05010009000477	7/12/1000	Aquatic Life	Combined Sewer Overflow - Nutrients ; Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease ; Abandoned Mine Drainage - Metals
	Pucketa Creek	05010009000477		Aquatic Life	Small Residential Runoff - Siltation ; Road Runoff - Siltation
		05010009000915	6/8/1999	Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
01179641	Little Plum Creek	05010009000477		Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
\vdash		05010009000837		Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals Urban Runoff/Storm Sawers - Nutriants : Urban Runoff/Storm Sawers - Oil and Grease
 		05010009000469	//6/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease Combined Sewer Overflow - Nutrients ; Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease ; Abandoned
01179641	Little Plum Creek	05010009000475	7/12/1999	Aquatic Life	Mine Drainage - Metals
		05010009000480		Aquatic Life	Abandoned Mine Drainage - Metals
011700::	Little Divine Const	0501000000000	7/40/-01	Aquatic Life	Combined Sewer Overflow - Nutrients ; Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease ; Abandoned
01179641	Little Plum Creek	05010009000475	//12/1999	Aquatic Life	Mine Drainage - Metals Combined Sewer Overflow - Nutrients : Urban Runoff/Storm Sewers - Nutrients : Urban Runoff/Storm Sewers - Oil and Grease : Abandoned
01179641	Little Plum Creek	05010009000476	7/12/1999	Aquatic Life	Mine Drainage - Metals
		05010009000480		Aquatic Life	Abandoned Mine Drainage - Metals
					Control of the Contro
01102227	Door Crook	0501000000001	0/1/1007	Aguatic Life	Construction - Siltation ; Construction - Flow Alterations ; Construction - Turbidity ; Subsurface Mining - Salinity/TDS/Chlorides ; Abandoned
01192337	Deer Creek	05010009000091	8/1/199/	Aquatic Life	Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Source Unknown - Nutrients
01184110	Plum Creek	05010009000078	7/6/1999	Aquatic Life	Urban Runoff/Storm Sewers - Other Inorganics ; Urban Runoff/Storm Sewers - Oil and Grease ; Abandoned Mine Drainage - Metals
01184375	Powers Run	05010009000177	7/6/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Other Inorganics ; Urban Runoff/Storm Sewers - Oil and Grease
01177745	Indian Creek	05010009000487	7/6/1000	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Other Inorganics ; Urban Runoff/Storm Sewers - Oil and Grease
011///43	maidii Ci CCK	05010005000467	1/0/1399	nquatic Life	Programme or amage - Micross, Ordan Nation/Storm Sewers - Other Horiganits, Ordan Nation/Storm Sewers - Oil and Grease
01188366	Squaw Run	05010009000086	7/13/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Golf Courses - Pesticides ; Golf Courses - Organic Enrichment/Low D.O.
	Montour Run	05010009000501		Recreational	Source Unknown - Pathogens
		05010009000140		Recreational Aquatic Life	Source Unknown - Pathogens Bank Modifications - Siltation
		05020005001889			

					ndix C - impaired waters
GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		05010009000726	12/19/2007	Recreational	Source Unknown - Pathogens
					Construction - Siltation ; Construction - Flow Alterations ; Construction - Turbidity ; Subsurface Mining - Salinity/TDS/Chlorides ; Abandoned
01179524	Little Deer Creek	05010009000178	8/1/1997	Aquatic Life	Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
		05010009000950		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01187296	Shades Run	05010009000951		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01187296	Shades Run	05010009000952	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000169	7/13/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Golf Courses - Pesticides ; Golf Courses - Organic Enrichment/Low D.O.
01192514	Girtys Run	05010009000109		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01179633	Little Pine Creek	05010009000116		Recreational	Source Unknown - Pathogens
01209386	Allegheny River	05010009000503		Potable Water Supply	Source Unknown - Pathogens
01209386	Allegheny River	05010009000503		Fish Consumption	Source Unknown - PCB
01184110	Plum Creek	05010009000085		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
01184110	Plum Creek	05010009000085		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
01186943	Sandy Creek	05010009000587 05010009000489		Aquatic Life Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation Municipal Point Source - Chlorine ; Urban Runoff/Storm Sewers - Other Inorganics
01100945	Sality Creek	05010009000489		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000583		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000491		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01186943	Sandy Creek	05010009000490		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01209386	Allegheny River	05010009000005		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01209386	Allegheny River	05010009000005		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05030101001306	11/26/1997	Aquatic Life	Natural Sources - Siltation ; Abandoned Mine Drainage - Metals Abandoned Mine Prainage - Salinity/TDS/Chlorides - Abandoned Mine Prainage - Metals - Abandoned Mine Prainage - Suspended Salids
		05030101001320	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Suspended Solids; Abandoned Mine Drainage - Siltation
		55555101001320	14/7/133/	quuuu siit	
		05030101003389	6/27/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05030101001500		Aquatic Life	Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O
		05030101001500		Aquatic Life	Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O
		05020006002124	6/9/2003	Aquatic Life	Abandoned Mine Drainage - Metals
					Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low
01181476	Montour Run	05030101001509		Aquatic Life	D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A
01101470	Workour Kuri	03030101001303		Aquatic Elic	b.o., Additioned Willie Draining Wickels, Additioned Willie Draining pri, Other Worlphority Organics, Other Onlinear A
					Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low
01181476	Montour Run	05030101001508		Aquatic Life	D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A
					Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ;
		05030101003863	11/26/1997	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
					Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ;
		05030101003864	11/26/1997		Urban Runoff/Storm Sewers - Nutrients
		05030101001310 05030101001309	11/24/1997	Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals
		05030101001303	11/24/1997		Abandoned Mine Drainage - Metals
				1	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned
01187188	Scrubgrass Run	05030101001494	11/25/1997	Aquatic Life	Mine Drainage - Suspended Solids
				A	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Suspended Solids; On site Wastewater - Nutrients; Abandoned Mine
01192945 01172072	Millers Run Coal Run	05030101001328 05030101000410		Aquatic Life Aquatic Life	Drainage - Salinity/TDS/Chlorides ; Source Unknown - Cause Unknown Agriculture - Nutrients ; Agriculture - Siltation
011/20/2	Coai Kuii	03030101000410	9/2/1997	Aquatic Life	Agriculture - Nutrients , Agriculture - Silication
01187609	Shouse Run	05030101003224	7/24/2003	Aquatic Life	Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation
		05030101000420	7/11/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
00425264	Ohio River	05030101000067		Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000067		Recreational	Source Unknown - Pathogens
00425264	Ohio River	05030101000068		Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000068	1/31/2007	Recreational	Source Unknown - Pathogens Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Removal of
		05030101001272	7/31/2003	Aquatic Life	Vegetation - Siltation
			.,,,	1	Hydromodification - Flow Alterations ; Hydromodification - Other Habitat Alterations ; Habitat Modification - Flow Alterations ; Habitat
		05030101010929	10/2/1997	Aquatic Life	Modification - Other Habitat Alterations
	· · · · · · · · · · · · · · · · · · ·	05030101000553	7/17/2003	Aquatic Life	Road Runoff - Siltation
0446===	cl B	05000-0-00-	76	A months 115	Marking Details over Consorted California Devictor (Constitution of Constitution of Consorted California Calif
01187609	Shouse Run	05030101003224	7/24/2003	Aquatic Life	Municipal Point Source - Suspended Solids ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05030101001268	7/1/2002	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O.; Removal of Vegetation - Siltation; Road Runoff - Siltation
		55555101001200	7,1/2003	quuuu siit	
		05030101003235	7/1/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O.; Removal of Vegetation - Siltation; Road Runoff - Siltation
01188258	Spring Run	05030101003236		Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation
				-	Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Suspended Solids;
		05030101003907		Aquatic Life	Abandoned Mine Drainage - Siltation
		05030101004055		Aquatic Life	Natural Sources - Siltation ; Abandoned Mine Drainage - Metals
		05030101001304 05030101004058	11/24/1997 11/24/1997	Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals
		03030101004058	11/24/199/	, quancient	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned
		05030101001495	11/25/1997	Aquatic Life	Mine Drainage - Suspended Solids
		05030101001316		Aquatic Life	Abandoned Mine Drainage - Metals
	· · · · · · · · · · · · · · · · · · ·	05030105005793		Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown
		05030101001873		Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
		05030101001873		Recreational	Source Unknown - Pathogens
		05030101001873 05030101001873		Fish Consumption Recreational	Source Unknown - Dioxins ; Source Unknown - PCB Source Unknown - Pathogens
00425264	Ohio River	05030101001873		Fish Consumption	Source Unknown - Patnogens Source Unknown - Dioxins ; Source Unknown - PCB
	Ohio River	05030101000072		Recreational	Source Unknown - Pathogens
		0503010100372		Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
		05030101003428	1/31/2007	Recreational	Source Unknown - Pathogens
00425264	Ohio River	05030101000072		Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000072		Recreational	Source Unknown - Pathogens
L	Ohio River	05030101003523 05030101000072		Aquatic Life Fish Consumption	Road Runoff - Siltation
			. 3///2011	IFISH CONSUMPTION	Source Unknown - Dioxins ; Source Unknown - PCB
00425264 00425264	Ohio River	05030101000072		Recreational	Source Unknown - Pathogens

	1			Appe	ndix C - impaired waters
GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		05030101001524	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		03030101001321	11/ 1/2003	riquotic Erre	and the state of t
01174761	Fink Run	05030101004180	12/3/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Nutrients; Abandoned Mine Drainage - Metals
		05030101001479	10/7/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
		05030101003926		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05030101000407	11/26/1007	A	Urban Runoff/Storm Sewers - Nutrients ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; On site
		05030101000407 05030101003933	11/26/1997	Aquatic Life Aquatic Life	Wastewater - Nutrients Erosion from Derelict Land - Siltation
		05030101003333	11/26/1997		Abandoned Mine Drainage - Metals
		03030101001210	11/20/1337		
01187035	Sawmill Run	05030101000495	11/26/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability
01172072	Coal Run	05030101000410		Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation
		05030101003638		Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01184214	Pollock Run	05020006000604	12/18/2006	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01101400	Mana Dua	05030101001075	1/2/1000	A	Abandanad Mina Darinana, Makala a Abandanad Mina Darinana, atta Abandanad Mina Darinana, Guranadad Galida
01181499	Moon Run	05030101001875	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Suspended Solids
		05030101001265	7/1/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O.; Removal of Vegetation - Siltation; Road Runoff - Siltation
		05030101003273		Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation
01180606	McCabe Run	05030101001528		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Road Runoff - Siltatior
		05030101001500		Aquatic Life	Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O
		05030101003962	10/12/2006	Aquatic Life	Erosion from Derelict Land - Siltation
					Urban Runoff/Storm Sewers - Nutrients ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ;
		05030101001294	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Suspended Solids
		05020101002745	12/4/4007	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Supposed Solids
 		05030101003745 05030101003830		Aquatic Life Aquatic Life	Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals
		02020101003830	0/4/2004	nquatic tile	Andritronica white Drainage - Wetais
01183212	Painters Run	05030101001876	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
01180774	McLaughlin Run	05030101001676		Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Turbidity
01180774	McLaughlin Run	05030101000464	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01183212	Painters Run	05030101001490	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Turbidity
		05030101004263		Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
01173359	Dolphin Run	05030101001339		Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05030101001305	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals
					Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned
		05030101001323	8/29/1997	Aquatic Life	Mine Drainage - Suspended Solids; On site Wastewater - Nutrients; Habitat Modification - Siltation
		05030101001323		Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
		05030101001479		Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
		05030101001479	10/7/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
		05030101000474	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05030101001520		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01171600	Chartiers Creek	05030101000085		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05030101001637	6/4/2004	Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Suspended Solids;
01187188	Scrubgrass Run	05030101001493	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity i Day Chiorides , Abandoned Mine Drainage - Metals , Abandoned Mine Drainage - Salinity i Day Chiorides
01107100	ocrabgiass nan	03030101001133	12, 1, 1337	riquatic zirc	realistics mile brandge suitation
01187035	Sawmill Run	05030101000496	11/26/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability
		05030101003532	10/10/2006	Aquatic Life	Habitat Modification - Siltation
01183948	Pinkertons Run	05030101003954	11/26/1997	Aquatic Life	Source Unknown - Cause Unknown
01188066	South Fork Montour Run	05030101001511		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Habitat Modification - Siltation
01176379	Half Crown Run	05030101001312	11/24/1997		Abandoned Mine Drainage - Metals ; Natural Sources - Siltation
		05030101004216 05030101001315	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals
		05030101001313		Aquatic Life	Abandoned Mine Drainage - Metals
		05030101001517		Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
		05030101004304		Aquatic Life	Abandoned Mine Drainage - Metals
		05030101004307		Aquatic Life	Hydromodification - Water/Flow Variability ; Habitat Modification - Siltation ; Habitat Modification - Turbidity
01174847	Fishing Run	05030101004310	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		0502040400	10/1/201	A months 1:5:	The desired that the transfer of the transfer
01105334	Robinson P	05030101004336		Aquatic Life	Hydromodification - Water/Flow Variability ; Habitat Modification - Siltation ; Habitat Modification - Turbidity
01185234 01188872	Robinson Run Streets Run	05030101002070 05020005000475		Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
01188872	Lick Run	05020005000475		Recreational	Source Unknown - Pathogens
01192779	Lick Run	05020005001580		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		05030101001316		Aquatic Life	Abandoned Mine Drainage - Metals
					Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage -
01171600	Chartiers Creek	05030101000084		Aquatic Life	Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
01171600	Chartiers Creek	05030101000084	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		050000000000000000000000000000000000000	44/22/		Urban Runoff/Storm Sewers - Nutrients ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ;
ļ		05030101001294	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Suspended Solids
		05030101001264	7/1/2002	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O.; Removal of Vegetation - Siltation; Road Runoff - Siltation
 		00000101001204	//1/2003	Aquatic Life Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; kemoval of vegetation - Sitation; koad kunoff - Sitation Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		05030101001526			12.22
		05030101001526		Aquatic Life	
01181499	Moon Run	05030101001526 05030101001875	1/2/1999	Aquatic Life	Abandoned Mine Drainage - pH; Abandoned Mine Drainage - Suspended Solids; Abandoned Mine Drainage - Metals
01181499	Moon Run		1/2/1999		Abandoned Mine Drainage - pH; Abandoned Mine Drainage - Suspended Solids; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned
01181499	Moon Run	05030101001875 05030101003660	12/4/1997	Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids
01181499 01173359	Moon Run Dolphin Run	05030101001875	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned
		05030101001875 05030101003660 05030101001339	12/4/1997 8/19/1997	Aquatic Life Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05030101001875 05030101003660	12/4/1997 8/19/1997	Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids
		05030101001875 05030101003660 05030101001339 05030101004292	12/4/1997 8/19/1997 10/3/1997	Aquatic Life Aquatic Life Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
		05030101001875 05030101003660 05030101001339	12/4/1997 8/19/1997 10/3/1997	Aquatic Life Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
01173359	Dolphin Run	05030101001875 05030101003660 05030101001339 05030101004292 05030101003556	12/4/1997 8/19/1997 10/3/1997 7/17/2003	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Supended Solids Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity Abandoned Mine Drainage - Metals ; Upstream Impoundment - Siltation ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
		05030101001875 05030101003660 05030101001339 05030101004292	12/4/1997 8/19/1997 10/3/1997 7/17/2003 11/25/1997	Aquatic Life Aquatic Life Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity

			1	Appei	ndix C - Impaired Waters
GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
	· · · · · · · · · · · · · · · · · · ·				Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandonec
		05030101004008	11/25/1997	Aquatic Life	Mine Drainage - Suspended Solids
		05030101001633		Aquatic Life	Abandoned Mine Drainage - Metals
		05030101004505	9/2/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation
		05030101004575	10/7/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
01200266	The area Door	05020404004224	0/20/1007	A	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; On site Wastewater - Nutrients ; On
01209366	Thoms Run	05030101001321 05020006000731		Aquatic Life	site Wastewater - Organic Enrichment/Low D.O. ; Other - Nutrients ; Other - Organic Enrichment/Low D.O. Abandoned Mine Drainage - Metals
00595217	Youghiogheny River	05020006000731		Aquatic Life Aquatic Life	Source Unknown - Metals
00595217	Youghiogheny River	0502000600000		Aquatic Life	Source Unknown - Metals
	Pollock Run	05020006000604		Aquatic Life	Urban Runoff/Storm Sewers - Siltation
	Ohio River	05030101000149		Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000149	1/31/2007	Recreational	Source Unknown - Pathogens
01187035	Sawmill Run	05030101000494	11/25/1997	Aquatic Life	Combined Sewer Overflow - Nutrients ; Combined Sewer Overflow - DO/BOD ; Urban Runoff/Storm Sewers - Water/Flow Variability
04404400		05000404004075	4 /2 /4 000	A	
01181499	Moon Run	05030101001875	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Suspended Solids; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides;
		05030101003879	11/26/1997	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05030101003879	11/20/1997	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		05030101001321	9/2/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation
					Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned
		05030101003673	12/4/1997	Aquatic Life	Mine Drainage - Suspended Solids
01180625	McClarens Run	05030101001517		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Habitat Modification - Siltation
		05030101003686	7/44/2000	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		05030101000420	//11/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Abandoned Mine Prainage - Salinity/TDS/Chlorides - Abandoned Mine Prainage - Metals - Abandoned Mine Prainage - Suspended Salids -
		05030101004014	12/4/1007	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
		33030101004014	14/4/133/	, iquatic site	Abandoned Mine Drainage - Siltation Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ;
		05030101004015	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Siltation
01192843	Long Run	05020006000590	11/29/2006		Road Runoff - Siltation
		05030101003406		Aquatic Life	Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05030101003669		Aquatic Life	Urban Runoff/Storm Sewers - Siltation
	Chartiers Creek	05030101000080		Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Turbidity
	Chartiers Creek	05030101000080 05030101000080		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane Habitat Modification - Siltation ; Habitat Modification - Turbidity
01171600 01171600	Chartiers Creek Chartiers Creek	05030101000080		Aquatic Life Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01171000	Long Run	05020006004006		Aquatic Life	Road Runoff - Siltation ; Road Runoff - Cause Unknown ; Atmospheric Deposition - pH
01132013	zong nan	05030101003964		Aquatic Life	Erosion from Derelict Land - Siltation
		05030101004058	11/24/1997		Abandoned Mine Drainage - Metals
		05030101003726	6/4/2004	Aquatic Life	Abandoned Mine Drainage - Metals
					Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned
		05030101003730		Aquatic Life	Mine Drainage - Suspended Solids
01180774	McLaughlin Run	05030101000467	10/1/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
		05030101003334	7/1/2002	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
		05030101005354	11/23/2005		Agriculture - Siltation ; Agriculture - Nutrients
		05050105000004	11/25/2005	Aquatic Life	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned
		05030101003673	12/4/1997	Aquatic Life	Mine Drainage - Suspended Solids
		05030101003687		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
01171600	Chartiers Creek	05030101000081		Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Turbidity
01171600	Chartiers Creek	05030101000081		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01192945	Millers Run	05030101001324	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05000404004060	40/2/4007	A	
		05030101004263	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage -
01171600	Chartiers Creek	05030101000085	9/2/1907	Aquatic Life	Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
01171600	Chartiers Creek	05030101000085		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
	• • • • • • • • • • • • • • • • •		,, _002		Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage -
01171600	Chartiers Creek	05030101010705		Aquatic Life	Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
01171600	Chartiers Creek	05030101010705		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05020006001700	6/9/2003	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101003757		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		05020404002700	13/4/400=	Agustic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned
-		05030101003760 05030101003830		Aquatic Life Aquatic Life	Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals
		02020101003830	0/4/2004	, iquatic site	roomeonee mine promoge - metals
01181499	Moon Run	05030101001875	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Suspended Solids
				-	A CONTRACTOR SECURIOR
					Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low
01181476	Montour Run	05030101001507		Aquatic Life	D.O. ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Other - Nonpriority Organics ; Other - Unionized A
01174847	Fishing Run	05030101004395		Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05030101004039	11/26/1997	Aquatic Life	Source Unknown - Cause Unknown
01105334	Pohinson Pun	05020101000492	12/4/1007	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
01185234 01185234	Robinson Run Robinson Run	05030101000482 05030101002070	12/4/1997		Abandoned Mine Drainage - Siltation Abandoned Mine Drainage - Metals ; On site Wastewater - Nutrients
J110J234		33030101002070	11/20/133/		Abandoned Mine Drainage - Metals , Offsite Wastewater - Notherits Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ;
01171600	Chartiers Creek	05030101000078	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity (195) Chilorides , Abandoned Mine Drainage - Metals , Abandoned Mine Drainage - Saltation
			, ,,,		Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Suspended Solids;
01171600	Chartiers Creek	05030101000078	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Siltation
					Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned
		05030101004187	8/29/1997	Aquatic Life	Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients ; Habitat Modification - Siltation
					Habitat Modification - Turbidity - Abandoned Mine Prainage - Metals - Abandoned Mine Prainage - Calinity/TDS/Chloride Abandoned Mine Prainage - Matals Abandoned Mine Prainage - Calinity/TDS/Chloride Abandoned Mine Prainage - Calinity/TDS/Chloride Abandoned Mine Prainage - Matals
1		1			Habitat Modification - Turbidity; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned
			Q/70/1007		
		05030101001323 05030101004216	8/29/1997 11/26/1997		Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients ; Habitat Modification - Siltation Abandoned Mine Drainage - Metals

				Appe	ndix C - Impaired waters
GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		05030101003346	6/27/2003	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Removal of Vegetation - Siltation; Road Runoff - Siltation
01187035	Sawmill Run	05030101000495	11/25/1997	Aquatic Life	Combined Sewer Overflow - Nutrients ; Combined Sewer Overflow - DO/BOD ; Urban Runoff/Storm Sewers - Water/Flow Variability
		05030101000474	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05030101000474		Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01172072	Cool Dura	05030101000469		Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation ; Habitat Modification - Turbidity
01172072 01173359	Coal Run Dolphin Run	05030101000408 05030101001339		Aquatic Life Aquatic Life	Construction - Siltation ; Construction - Suspended Solids ; Construction - Turbidity Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
011/3339	Doiphili Kuli	05030101001339		Aquatic Life	Agriculture - Siltation ; Agriculture - Nutrients
					Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned
01183212	Painters Run	05030101001492		Aquatic Life	Mine Drainage - Suspended Solids
01183212	Painters Run	05030101001492		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05030101004331		Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05030101004332	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage -
01171600	Chartiers Creek	05030101000082	9/2/1997	Aquatic Life	Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity
01171600	Chartiers Creek	05030101000082		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05020006001702	6/9/2003	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101004240	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
		05030101003831	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Suspended Solids; Abandoned Mine Drainage - Siltation
		05030101003832		Aquatic Life	Habitat Modification - Siltation
				1	
01188344	Spruce Run	05030101001291		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Removal of Vegetation - Siltation; Road Runoff - Siltation
		05030101003643	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		0500040404000	40/0/-0	A	Abandand Min During Matthe Halan Done (Common Matthe Control C
01180774	McLaughlin Run	05030101001314 05030101004463		Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Nutrients ; Combined Sewer Overflow - Organic Enrichment/Low D.O. Habitat Modification - Nutrients ; Habitat Modification - Siltation ; Habitat Modification - Turbidity
01100//4	INICEGURIIIII VUII	05020005000682		Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01189972	Turtle Creek	05020005000488		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
					Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned
		05030101003988		Aquatic Life	Mine Drainage - Suspended Solids
		05010009001939	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01170430	Davish Casali	05030105000526	0/10/2002	A	Control of Ciletian Control of Co
01170439	Brush Creek	05030105000526		Aquatic Life Aquatic Life	Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation Road Runoff - Siltation
		03030101003221	771772003	riquatic zirc	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned
01171600	Chartiers Creek	05030101000074	12/4/1997	Aquatic Life	Mine Drainage - Suspended Solids
01171600	Chartiers Creek	05030101000074	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
					Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ;
		05030101004063 05010009000725		Aquatic Life Aquatic Life	Abandoned Mine Drainage - Siltation Land Development - Siltation ; Small Residential Runoff - Nutrients
		05010009000725		Recreational	Source Unknown - Pathogens
01188872	Streets Run	05020005001657		Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
			, , ,	4	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ;
		05030101004063	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Siltation
			/ . /		Hydromodification - Flow Alterations ; Hydromodification - Other Habitat Alterations ; Habitat Modification - Flow Alterations ; Habitat
		05030101001485	10/2/1997	Aquatic Life	Modification - Other Habitat Alterations
01187035	Sawmill Run	05030101000494	11/25/1997	Aquatic Life	Combined Sewer Overflow - Nutrients ; Combined Sewer Overflow - DO/BOD ; Urban Runoff/Storm Sewers - Water/Flow Variability
		05030101001637	, , ,	Aquatic Life	Abandoned Mine Drainage - Metals
		05030105005790		Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown
		05030105005787		Aquatic Life	Small Residential Runoff - Siltation ; Road Runoff - Siltation
01214667	Duffs Run	05020005001850		Aquatic Life	Abandoned Mine Drainage - Siltation
		05030105005793	6/21/2005	Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm
		05030101010922	11/26/1997	Aquatic Life	Sewers - Siltation
		05030101003525		Aquatic Life	Abandoned Mine Drainage - Metals
					Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm
		05030101003995	11/26/1997	Aquatic Life	Sewers - Siltation
		05030101010927	11/25/1997	Aguatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		02020101010927	11/25/199/	nquatic LIIE	imme oraniage - daspenaea donas
					Combined Sewer Overflow - Water/Flow Variability ; Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm
01187035	Sawmill Run	05030101000494	11/26/1997	Aquatic Life	Sewers - Water/Flow Variability ; Abandoned Mine Drainage - Metals ; Habitat Modification - Other Habitat Alterations
<u> </u>		05030105000546	9/18/2002	Aquatic Life	Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation
		05030404000540	7/47/2000	Agustic Life	Abandoned Mine Designer Metals allestroom Imperedents Cilettes Designed of Manager Cilettes and
—		05030101003549 05030101003221		Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals ; Upstream Impoundment - Siltation ; Removal of Vegetation - Siltation ; Road Runoff - Siltation Road Runoff - Siltation
		-5555101005221	.,2,,2003		
01170439	Brush Creek	05030105000527		Aquatic Life	Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation
01550003	Monongahela River	05020005000007		Fish Consumption	Source Unknown - PCB
01102774	Dino Crool-	05010009000479		Aquatic Life	Abandoned Mine Drainage - Metals
01183771 01183771	Pine Creek Pine Creek	05010009000068 05010009000068		Aquatic Life Recreational	Land Development - Siltation ; Small Residential Runoff - Nutrients Source Unknown - Pathogens
01103//1	I IIIC CI CCK	03010003000000	12/13/200/	necreational	Source Officion 1 actiogens
		05010009000197	6/13/2008	Aquatic Life	Small Residential Runoff - Nutrients ; Abandoned Mine Drainage - Siltation ; Small Residential Runoff - Siltation
01184482	Pucketa Creek	05010009000424		Aquatic Life	Small Residential Runoff - Siltation ; Road Runoff - Siltation
					Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ;
0042522	OL: B:	05030101004063		Aquatic Life	Abandoned Mine Drainage - Siltation
00425264	Ohio River	05030101000068 05030101000068		Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264 01181477	Ohio River Montour Run	05030101000068		Recreational Recreational	Source Unknown - Pathogens Source Unknown - Pathogens
311317//	sixour nuii	3301000000133	12/13/2007		
01170439	Brush Creek	05030105000547	9/18/2002	Aquatic Life	Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation
					Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ;
		05030101010941	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Siltation

March Marc	F		1	1	ДРРС	ndix C - impaired waters
March Marc	GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
Miles March Miles Mile						Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned
17.00 10.0			05030101010927	11/25/1997	Aquatic Life	Mine Drainage - Suspended Solids
17.00 10.0			05020404002226	7/1/2002	Aguatic Life	Small Peridential Buneff Organic Enrichment / Joseph D. J. Bernaugl of Versetation - Ciltation - Board Buneff - Ciltation
March Burl Mar			05030101003326	//1/2003	Aquatic Life	Small Residential Runon - Organic Enrichment/Low D.O.; Removal of Vegetation - Sitation ; Road Runon - Sitation
17.700 1	01181499	Moon Run	05030101001861	1/2/1999	Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Metals
			05030101001520		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
	=				A	
1979 1979	011/0439	Brush Creek	05030105000530	9/18/2002	Aquatic Life	Construction - Siltation ; Urban Kunott/Storm Sewers - Water/Flow Variability ; Urban Kunott/Storm Sewers - Siltation
			05030101010940	11/25/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability
	01179085	Leak Run	05020005004012	9/23/2004	Aquatic Life	Channelization - Siltation
				- /- /	A	
STEADED Microsoft part Company						
Carlot Name	01180625	McClarens Run				
Display Disp						·
1979 March San						
1379251 Leven Nam	011/1335	Catrish Run	05020005001588	3/25/2010	Aquatic Life	Urban Runoπ/storm Sewers - Sitation
117925 John 190000000000 77,7000 Acast Let Accordance Ac						Road Runoff - Oil and Grease ; Municipal Point Source - Nutrients ; Bank Modifications - Other Habitat Alterations ; Bank Modifications -
1995 1995						
	01192843	Long Run	05020006000587	7/15/2003	Aquatic Life	Road Runoff - Siltation ; Road Runoff - Cause Unknown ; Atmospheric Deposition - pH
			05030101003465	6/27/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
						Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned
1159705 Several Bura						
Second Register Process Proces	-		05030101010935	7/17/2003	Aquatic Life	Road Runoff - Siltation
Second Register Process Proces	01187035	Sawmill Run	05030101000494	11/25/1997	Aquatic Life	Combined Sewer Overflow - Nutrients : Combined Sewer Overflow - DO/ROD : Urban Runoff/Storm Sewers - Water/Flow Variability
Dispress Dispress Numbers Nu	- 2.333	***		,,,,,,,,,	, 	
1995/1508 Price					•	Vegetation - Siltation
1979 1979						
Combined Sweet Overflow Organic Enrichment/Low D.O., 1 Urban Runoff/Storm Sweets: Shittoin; Urban Runoff/Storm Sweets: S						
	01209386	Allegheny River	05010009000002	3/2/2011	Fish Consumption	
1197035 Savrill Run						
Seweri Num			05020005002041	6/20/2002	Aquatic Life	Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
Seweri Num						Combined Sewer Overflow - Water/Flow Variability; Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm
	01187035	Sawmill Run	05030101000494	11/26/1997	Aquatic Life	
					•	
19197779 Lick Run						
	01192779	Lick Run				
	01192779	Lick Run	05020005001580	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
			05020005002122	6/20/2002	Aguatic Life	Agriculture - Organic Enrichment / Low D.O. : Small Residential Bunoff - Organic Enrichment / Low D.O. : Abandoned Mine Prainage - Metals
10170439	01172771	Crouse Run				Urban Runoff/Storm Sewers - Nutrients
Agriculture - Organic Enrichment/Low D. D.; Urban Runoff/Storm Sewers - Organic Enrichment/Low D. D.; Abandoned Mine Drainage - 01174586 Fallen Timber Run 0502005000384 6/20/2002 Aquatic Life Metals , Road Runoff - Siltation , Agriculture - Siltation , Agriculture - Organic Enrichment/Low D. D.; Small Residential Runoff - Organic Enrichment/Low D. D.; Drach Runoff Storm Severs - Sultation - Small Residential Runoff - Organic Enrichment/Low D. D.; Drach Runoff Storm Severs - Station - Sultat	01172771	Crouse Run	05010009000130	12/19/2007	Recreational	Source Unknown - Pathogens
Agriculture - Organic Enrichment/Low D. D.; Urban Runoff/Storm Sewers - Organic Enrichment/Low D. D.; Abandoned Mine Drainage - 01174586 Fallen Timber Run 0502005000384 6/20/2002 Aquatic Life Metals , Road Runoff - Siltation , Agriculture - Siltation , Agriculture - Organic Enrichment/Low D. D.; Small Residential Runoff - Organic Enrichment/Low D. D.; Drach Runoff Storm Severs - Sultation - Small Residential Runoff - Organic Enrichment/Low D. D.; Drach Runoff Storm Severs - Station - Sultat	01170430	Druch Crook	05030105000530	0/19/2002	Aguatic Life	Construction Citation Lisban Bunoff/Storm Course Water/Flow Variability Lisban Bunoff/Storm Course Citation
01174586 Fallen Timber Run 050200500334 6/20/2002 Aguatic Life Metals ; Road Runoff - Silitation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chorides ; Source Unknown - Pathogens	01170439	Brush Creek	05030105000529	9/18/2002	Aquatic Life	
01174586 Fallen Timber Run 0502000500384 6/20/2002 Aquatic Life Mine Drainage - Metals Agriculture - Sirulture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Agriculture - Sirulture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Salinity/	01174586	Fallen Timber Run	05020005000384	6/20/2002	Aquatic Life	Metals ; Road Runoff - Siltation
Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Salinity/TDS/Chlori						
	01174586	Fallen Timber Run	05020005000384	6/20/2002	Aquatic Life	
			05020005002122	6/20/2002	Aquatic Life	
Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Silinity/TDS/Chlorides ; Abandoned Mine Drai						
						Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned
05010099000202						
10172771 Crouse Run 05010009000129 7/19/1999 Aquatic Life Urban Runoff/Storm Sewers - Nutrients	—		02010009000293	//12/1999	Aquatic LITE	Orban Kunon/Swiffi Sewers - Nutrients
10172771 Crouse Run 05010009000129 7/19/1999 Aquatic Life Urban Runoff/Storm Sewers - Nutrients			05010009000202	7/30/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
Deer Creek 05010009000099 7/31/1997 Aquatic Life Drban Runoff/Storm Sewers - Nutrients; Removal of Vegetation - Siltation Urban Runoff/Storm Sewers - Nutrients Notice of Source Unknown - Pathogens				7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
						ÿ
Deer Creek O5010009000126 12/19/2007 Recreational Source Unknown - Pathogens	01192337	veer Creek				
Deer Creek 0501000900095 8/1/1997 Aquatic Life Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Source Unknown - Nutrients						
Digraph of the properties of t				, ==, 2007		
Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation 11/26/1997 Aquatic Life Sewer - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids 11/1000 Chartiers Creek 05030101000076 1/1/2002 Fish Consumption Source Unknown - PCB; Source Unknown - Chlordane 05030101003758 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals 11/26/1997 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals 11/26/1997 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals 11/26/1997 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals 11/26/1997 Aquatic Life Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals 11/26/1997 Aquatic Life Urban Runoff/Storm Sewers - Siltation 11/26/1997 Aquatic Life Urban Runoff/Storm Sewers - Siltation 11/26/1997 Aquatic Life Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation 11/26/1997 Aquatic Life Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation - Turbidity; Urban Runoff/Storm Sewers - Siltation						
1/26/1997 Aquatic Life Sewers - Siltation Sound Sewers - Siltation Sewers - Silta	01192337	Deer Creek	05010009000095	8/1/1997	Aquatic Life	
OS030101001360 12/4/1997 Aquatic Life Agriculture - Nutrients; Construction - Siltation Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Metals; OS030101003758 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; OS020005001828 9/23/2004 Aquatic Life Channelization - Siltation Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; OS020005001828 OS020005001828 9/23/2004 Aquatic Life Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; OS020005002035 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation OS030101000420 7/11/2003 Aquatic Life Urban Runoff/Storm Sewers - Siltation OS030101000420 7/11/2003 Aquatic Life Urban Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation OS030101000420 7/11/2003 Aquatic Life Urban Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation OS030101000420 Aquatic Life Construction - Siltation Construction - Other Habitat Alterations; Construction - Turbidity; Urban Runoff/Storm Sewers - Siltation OS030101000420 Aquatic Life Construction - Other Habitat Alterations; Construction - Turbidity; Urban Runoff/Storm Sewers - Siltation OS030101000420 OS030101000420 OS03010100420 OS030101004			05030101003995	11/26/1997	Aquatic Life	
Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Metals ; Ab						
01171600 Chartiers Creek 050301010003758 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals 01179085 Leak Run 05020005001288 9/23/2004 Aquatic Life Channelization - Siltation 01179086 Leak Run 05020005001606 5/1/2002 Aquatic Life Channelization - Siltation 05020005001606 5/1/2002 Aquatic Life Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals 05020005002035 7/28/2010 Recreational Source Unknown - Pathogens 05020005002035 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 05030101000420 7/11/2003 Aquatic Life Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation 01190901 West Branch Deer Creek 0501000900208 9/26/1997 Aquatic Life Construction - Siltation ; Construction - Other Habitat Alterations; Construction - Turbidity; Urban Runoff/Storm Sewers - Siltation	l					Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned
Aquatic Life						
01179085 Leak Run 05020005001828 9/23/2004 Aquatic Life Channelization - Siltation 05020005001606 5/1/2002 Aquatic Life Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals 05020005002035 7/28/2010 Recreational Source Unknown - Pathogens 05020005002035 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 05030101000420 7/11/2003 Aquatic Life Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation 01190901 West Branch Deer Creek 0501000900208 9/26/1997 Aquatic Life Construction - Siltation ; Construction - Other Habitat Alterations; Construction - Turbidity; Urban Runoff/Storm Sewers - Siltation	011/1600	Chartiers Creek		1/11/2002		
Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Sociation	01179085	Leak Run		9/23/2004		
05020005002035 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Siltation 05030101000420 7/11/2003 Aquatic Life Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation 01190901 West Branch Deer Creek 0501000900208 9/26/1997 Aquatic Life Construction - Siltation ; Construction - Other Habitat Alterations; Construction - Turbidity; Urban Runoff/Storm Sewers - Siltation				5/1/2002	Aquatic Life	
0530101000420 7/11/2003 Aquatic Life Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation 01190901 West Branch Deer Creek 0501000900208 9/26/1997 Aquatic Life Construction - Siltation; Construction - Other Habitat Alterations; Construction - Turbidity; Urban Runoff/Storm Sewers - Siltation						
01190901 West Branch Deer Creek 05010009000208 9/26/1997 Aquatic Life Construction - Siltation ; Construction - Other Habitat Alterations ; Construction - Turbidity ; Urban Runoff/Storm Sewers - Siltation	-					
			23030101000420	.,21,2003		Organic Entraining CH 5101, 1000 failure Statutell
05030101001263 7/17/2003 Aquatic Life Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation	01190901	West Branch Deer Creek				
	L		05030101001263	7/17/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation

	1		1	дррсі	ndix C - impaired waters
GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
	,				
		05030101001520	12/10/2007	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		05010009001940		Recreational	Source Unknown - Pathogens
01209053	Managanahala Diver	05020005001870 05020005000006		Aquatic Life Fish Consumption	Bank Modifications - Siltation Source Unknown - PCB
01209053	Monongahela River	05020005000006	7/29/2011	risii consumption	Source Officion - PCB
		05030101003331	7/1/2002	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
		03030101003331	//1/2003	Aquatic Life	Small residential kullon - Organic Elinicimienty Low B.O., keliloval of Vegetation - Sitation , koad kullon - Sitation
		05030101003619	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.
		05030101003013	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
-		03030101001310		Aquatic Enc	Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ;
		05030101003866	11/26/1997	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		03030101003000	11/20/1337	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ;
		05030101001320	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Siltation
		05030101001520		Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
		05030101001359		Aquatic Life	Agriculture - Nutrients ; Construction - Siltation
01183937	Piney Fork	05020005001585		Recreational	Source Unknown - Pathogens
	Piney Fork	05020005001585		Aquatic Life	Urban Runoff/Storm Sewers - Siltation
	-7	05020005002069		Recreational	Source Unknown - Pathogens
		05020005002069		Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005001571		Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Metals
		05030101010933		Aquatic Life	Abandoned Mine Drainage - Metals
01179635	Little Pine Creek	05010009000165		Recreational	Source Unknown - Pathogens
		05020005001836		Aquatic Life	Abandoned Mine Drainage - Siltation
01192945	Millers Run	05030101001327		Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
			.,,,		
		05030101004404	10/1/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation ; Habitat Modification - Other Habitat Alterations
			., _,		Hydromodification - Flow Alterations ; Hydromodification - Other Habitat Alterations ; Habitat Modification - Flow Alterations ; Habitat
01180774	McLaughlin Run	05030101000467	10/2/1997	Aquatic Life	Modification - Other Habitat Alterations
			-, -, 2557	,	
01193108	Perry Mill Run	05020005000699	6/20/2002	Aquatic Life	Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
	Pine Creek	05010009000063		Aquatic Life	Land Development - Siltation; Small Residential Runoff - Nutrients
	Pine Creek	05010009000063		Recreational	Source Unknown - Pathogens
	North Fork Pine Creek	0501000900005		Recreational	Source Unknown - Pathogens
	a. R. I me ereek	05010009000133		Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05010009001025		Aquatic Life	Agriculture - Siltation ; Construction - Siltation
		03010003001023	7/30/1337	Aquatic Life	Agriculture Situation , construction Situation
		05030101003465	6/27/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		03030101003403	0/2//2003	Aquatic Life	Orban Kunon/Storm Sewers - Sittation, Orban Kunon/Storm Sewers - Organic Entirethienty tow B.O. , Koda Kunon - Sittation
		05030101001293	11/25/1997	Aguatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability
		03030101001233	11/23/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned
		05030101010925	11/25/1997	Aguatic Life	Mine Drainage - Suspended Solids
		05020005001889		Aquatic Life	Bank Modifications - Siltation
		05030105006064		Aquatic Life	Agriculture - Siltation ; Agriculture - Nutrients
		03030103000004	11/23/2003	Aquatic Life	Agriculture Jindulon, Agriculture Nations
01192169	Blue Run	05010009000212	7/29/1997	Aquatic Life	Small Residential Runoff - Nutrients ; Small Residential Runoff - Siltation ; Road Runoff - Nutrients ; Road Runoff - Siltation
	Sandy Creek	05010009000212		Aquatic Life	Municipal Point Source - Chlorine ; Urban Runoff/Storm Sewers - Other Inorganics
	Allegheny River	05010009000005		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01203300	Allegricity raver	05010009000491		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000491		Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
		05010009000495		Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009000065		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
	Pine Creek	05010009000065		Recreational	Source Unknown - Pathogens
	Glade Run	05030105000638		Aquatic Life	Agriculture - Siltation ; Agriculture - Nutrients
01100007	Glade Hall	05010009000163		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000163		Recreational	Source Unknown - Pathogens
		05010009000837		Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
01209386	Allegheny River	05010009000003		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
	Wexford Run	05010009000147		Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
	Wexford Run	05010009000147	.,,1000		
01100040	**CATOTO NOT		12/19/2007	Recreational	Source Unknown - Pathogens
\vdash	i			Recreational	Source Unknown - Pathogens Abandoned Mine Drainage - Metals - Abandoned Mine Drainage - nH
		05010009000966	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
į i			6/9/1999		No. 1 and March Body and Advantage Advantage Body and District Control of the Con
		05010009000966	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation
		05010009000966 05030101003790	6/9/1999 11/4/2003	Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned
		05010009000966	6/9/1999 11/4/2003	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation
01170439	Brush Creek	05010009000966 05030101003790 05030101004187	6/9/1999 11/4/2003 8/29/1997	Aquatic Life Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients ; Habitat Modification - Siltation
01170439	Brush Creek	05010009000966 05030101003790	6/9/1999 11/4/2003 8/29/1997	Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned
01170439	Brush Creek	05010009000966 05030101003790 05030101004187	6/9/1999 11/4/2003 8/29/1997	Aquatic Life Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids; On site Wastewater - Nutrients; Habitat Modification - Siltation Construction - Siltation; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation
		05010009000966 05030101003790 05030101004187 05030105000530	6/9/1999 11/4/2003 8/29/1997	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids; On site Wastewater - Nutrients; Habitat Modification - Siltation Construction - Siltation; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low
01181476	Montour Run	05010009000966 05030101003790 05030101004187 05030105000530 05030101001501	6/9/1999 11/4/2003 8/29/1997 9/18/2002	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids; On site Wastewater - Nutrients; Habitat Modification - Siltation Construction - Siltation; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A
01181476 00425264	Montour Run Ohio River	05010009000966 05030101003790 05030101004187 05030105000530 05030101001501 05030101000072	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids; On site Wastewater - Nutrients; Habitat Modification - Siltation Construction - Siltation; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A Source Unknown - Dioxins; Source Unknown - PCB
01181476 00425264 00425264	Montour Run Ohio River Ohio River	05010009000966 05030101003790 05030101004187 05030105000530 05030101001501 05030101000072 05030101000072	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids; On site Wastewater - Nutrients; Habitat Modification - Siltation Construction - Siltation; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens
01181476 00425264 00425264 00425264	Montour Run Ohio River Ohio River Ohio River	05010009000966 05030101003790 05030101004187 05030105000530 050301010001501 05030101000072 05030101000072	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007 3/2/2011	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Fish Consumption	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids; On site Wastewater - Nutrients; Habitat Modification - Siltation Construction - Siltation; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Source Unknown - Dioxins; Source Unknown - PCB
01181476 00425264 00425264 00425264	Montour Run Ohio River Ohio River	05010009000966 05030101003790 05030101004187 05030105000530 050301010001501 05030101000072 05030101000149 05030101000149	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007 3/2/2011 1/31/2007	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Recreational Recreational	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids; On site Wastewater - Nutrients; Habitat Modification - Siltation Construction - Siltation; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens
01181476 00425264 00425264 00425264	Montour Run Ohio River Ohio River Ohio River	05010009000966 05030101003790 05030101004187 05030105000530 050301010001501 05030101000072 05030101000072	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007 3/2/2011 1/31/2007	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Fish Consumption	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids; On site Wastewater - Nutrients; Habitat Modification - Siltation Construction - Siltation; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Source Unknown - Dioxins; Source Unknown - PCB
01181476 00425264 00425264 00425264	Montour Run Ohio River Ohio River Ohio River	05010009000966 05030101003790 05030101004187 05030105000530 050301010001501 05030101000072 05030101000149 05030101000149	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007 3/2/2011 1/31/2007	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Recreational Recreational	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids; On site Wastewater - Nutrients; Habitat Modification - Siltation Construction - Siltation; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens
01181476 00425264 00425264 00425264 00425264	Montour Run Ohio River Ohio River Ohio River Ohio River	05010009000966 05030101003790 05030101004187 05030105000530 05030101000072 05030101000072 050301010000149 05030101000149 05030101000149	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007 3/2/2011 1/31/2007 11/26/1997	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Recreational Recreational	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids; On site Wastewater - Nutrients; Habitat Modification - Siltation Construction - Siltation; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Cause Unknown Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned
01181476 00425264 00425264 00425264 00425264 00425264 01192337	Montour Run Ohio River Ohio River Ohio River Ohio River Ohio River	05010009000966 05030101003790 05030101004187 05030105000530 050301010001501 05030101000072 05030101000149 05030101000149 05030101001300 05010009000093	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007 3/2/2011 1/31/2007 11/26/1997	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Fish Consumption Recreational Aquatic Life Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids; On site Wastewater - Nutrients; Habitat Modification - Siltation Construction - Siltation; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens
01181476 00425264 00425264 00425264 00425264 00425264 01192337	Montour Run Ohio River Ohio River Ohio River Ohio River	05010009000966 05030101003790 05030101004187 05030105000530 05030101000072 05030101000072 050301010000149 05030101000149 05030101000149	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007 3/2/2011 1/31/2007 11/26/1997	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Fish Consumption Recreational Aquatic Life	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids; On site Wastewater - Nutrients; Habitat Modification - Siltation Construction - Siltation; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Cause Unknown Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Source Unknown - PCB Source Unknown - PCB
01181476 00425264 00425264 00425264 00425264 00425264 01192337	Montour Run Ohio River Ohio River Ohio River Ohio River Ohio River	05010009000966 05030101003790 05030101004187 05030105000530 0503010100072 05030101000072 05030101000072 05030101000149 0503010100149 05030101000149 05030101000149	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007 3/2/2011 1/31/2007 11/26/1997 8/1/1997 7/29/2011	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Facceational Fish Consumption Recreational Aquatic Life Aquatic Life Fish Consumption	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids; On site Wastewater - Nutrients; Habitat Modification - Siltation Construction - Siltation; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Cause Unknown Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Source Unknown - Nutrients Source Unknown - PCB Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm
01181476 00425264 00425264 00425264 00425264 00425264 01192337	Montour Run Ohio River Ohio River Ohio River Ohio River Ohio River	05010009000966 05030101003790 05030101004187 05030105000530 0503010100072 05030101000149 05030101000149 05030101000149 05030101000149 05030101000149 05030101001300 05010009000093 05020005000008	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007 3/2/2011 1/31/2007 11/26/1997 7/29/2011	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Fish Consumption Recreational Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids; On site Wastewater - Nutrients; Habitat Modification - Siltation Construction - Siltation; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Cause Unknown Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Source Unknown - Nutrients Source Unknown - PCB Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation
01181476 00425264 00425264 00425264 00425264 00425264 01192337	Montour Run Ohio River Ohio River Ohio River Ohio River Ohio River	05010009000966 05030101003790 05030101004187 05030105000530 0503010100072 05030101000072 05030101000072 05030101000149 0503010100149 05030101000149 05030101000149	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007 3/2/2011 1/31/2007 11/26/1997 7/29/2011	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Facceational Fish Consumption Recreational Aquatic Life Aquatic Life Fish Consumption	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients ; Habitat Modification - Siltation Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Other - Nonpriority Organics ; Other - Unionized A Source Unknown - Dioxins ; Source Unknown - PCB Source Unknown - Pathogens Source Unknown - Pathogens
01181476 00425264 00425264 00425264 00425264 00425264 01192337	Montour Run Ohio River Ohio River Ohio River Ohio River Ohio River	05010009000966 05030101003790 05030101004187 05030105000530 0503010100072 05030101000072 05030101000072 05030101000149 0503010100149 05030101000149 050301010019000093 05020005000008	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007 3/2/2011 1/31/2007 11/26/1997 7/29/2011 11/26/1997 6/21/2005	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Fish Consumption Fish Consumption Fish Consumption Fish Consumption Fish Consumption Aquatic Life Fish Consumption Aquatic Life Fish Consumption Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients ; Habitat Modification - Siltation Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Other - Nonpriority Organics ; Other - Unionized A Source Unknown - Dioxins ; Source Unknown - PCB Source Unknown - Dioxins ; Source Unknown - PCB Source Unknown - Dioxins ; Source Unknown - PCB Source Unknown - Pathogens Source Unknown - Cause Unknown Construction - Siltation ; Construction - Flow Alterations ; Construction - Turbidity ; Subsurface Mining - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Source Unknown - Nutrients Source Unknown - PCB Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation Sewers - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned
01181476 00425264 00425264 00425264 00425264 00425264 01192337	Montour Run Ohio River Ohio River Ohio River Ohio River Ohio River	05010009000966 05030101003790 05030101004187 05030105000530 0503010100072 05030101000149 05030101000149 05030101000149 05030101000149 05030101000149 05030101001300 05010009000093 05020005000008	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007 3/2/2011 1/31/2007 11/26/1997 7/29/2011 11/26/1997 6/21/2005	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Fish Consumption Recreational Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients ; Habitat Modification - Siltation Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Other - Nonpriority Organics ; Other - Unionized A Source Unknown - Dioxins ; Source Unknown - PCB Source Unknown - Pathogens
01181476 00425264 00425264 00425264 00425264 00425264 01192337	Montour Run Ohio River Ohio River Ohio River Ohio River Ohio River	05010009000966 05030101003790 05030101004187 05030105000530 0503010100072 05030101000072 05030101000149 05030101000149 05030101000149 05030101000149 050301010010100000000000000000000000000	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007 11/26/1997 7/29/2011 11/26/1997 6/21/2005	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Fish Consumption Recreational Aquatic Life Fish Consumption Aquatic Life Fish Consumption Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients ; Habitat Modification - Siltation Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Other - Nonpriority Organics ; Other - Unionized A Source Unknown - Dioxins ; Source Unknown - PCB Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Cause Unknown Construction - Siltation ; Construction - Flow Alterations ; Construction - Turbidity ; Subsurface Mining - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Source Unknown - Nutrients Source Unknown - PCB Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation Small Residential Runoff - Siltation ; Road Runoff - Siltation Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01181476 00425264 00425264 00425264 00425264 00425264 01192337 01209053	Montour Run Ohio River Ohio River Ohio River Ohio River Ohio River Deer Creek Monongahela River	05010009000966 05030101003790 05030101004187 05030105000530 0503010100072 0503010100072 05030101000149 05030101000149 05030101001300 05030101001300 05030101001901 0503010100900093 05030101009001021 05020005000616	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007 3/2/2011 1/31/2007 11/26/1997 7/29/2011 11/26/1997 6/21/2005 6/20/2002	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Fish Consumption Recreational Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients ; Habitat Modification - Siltation Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Other - Nonpriority Organics ; Other - Unionized A Source Unknown - Dioxins ; Source Unknown - PCB Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Cause Unknown Construction - Siltation ; Construction - Flow Alterations ; Construction - Turbidity ; Subsurface Mining - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Source Unknown - Nutrients Source Unknown - PCB Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation Small Residential Runoff - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals Construction - Siltation ; Construction - Other Habitat Alterations ; Construction - Turbidity ; Urban Runoff/Storm Sewers - Siltation
01181476 00425264 00425264 00425264 00425264 00425264 01192337 01209053	Montour Run Ohio River Ohio River Ohio River Ohio River Ohio River Ohio River Deer Creek Monongahela River	05010009000966 05030101003790 05030101004187 05030105000530 05030101000072 05030101000072 05030101000149 05030101000149 05030101000149 0503010100149 0503010100149 0503010100149 0503010100149 050301010101921 05030105000616	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007 11/26/1997 7/29/2011 11/26/1997 6/21/2005 6/20/2002 9/26/1997 9/26/1997	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Fish Consumption Recreational Aquatic Life	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids; On site Wastewater - Nutrients; Habitat Modification - Siltation Construction - Siltation; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Source Unknown - Pothogens Source Unknown - Pothogens Source Unknown - PCB Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Source Unknown - Nutrients Source Unknown - PCB Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Agriculture - Siltation; Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Construction - Siltation; Construction - Other Habitat Alterations; Construction - Turbidity; Urban Runoff/Storm Sewers - Siltation Construction - Other Habitat Alterations; Construction - Turbidity; Construction - Siltation Construction - Other Habitat Alterations; Construction - Turbidity; Construction - Siltation
01181476 00425264 00425264 00425264 00425264 00425264 01192337 01209053	Montour Run Ohio River Ohio River Ohio River Ohio River Ohio River Deer Creek Monongahela River	05010009000966 05030101003790 05030101004187 05030105000530 0503010100072 0503010100072 05030101000149 05030101000149 05030101001300 05030101001300 05030101001901 0503010100900093 05030101009001021 05020005000616	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007 11/26/1997 7/29/2011 11/26/1997 6/21/2005 6/20/2002 9/26/1997 9/26/1997	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Fish Consumption Recreational Aquatic Life	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids; On site Wastewater - Nutrients; Habitat Modification - Siltation Construction - Siltation; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Cause Unknown Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Source Unknown - Nutrients Source Unknown - PCB Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability; Urban Runoff/Storm Sewers - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Agriculture - Siltation; Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Construction - Other Habitat Alterations; Construction - Turbidity; Urban Runoff/Storm Sewers - Siltation Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation
01181476 00425264 00425264 00425264 00425264 00425264 01192337 01209053	Montour Run Ohio River Ohio River Ohio River Ohio River Ohio River Ohio River Deer Creek Monongahela River West Branch Deer Creek Glass Run	05010009000966 05030101003790 05030101004187 05030101004187 05030105000530 050301010001501 05030101000072 05030101000149 05030101000149 05030101000149 05030101001300 05010009000093 05020005000008 05030101001921 05030105000616 05020005002129 05010009001022 05010009001022 05010009000208 05020005001610	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007 3/2/2011 1/31/2007 11/26/1997 7/29/2011 11/26/1997 6/21/2005 6/20/2002 9/26/1997 9/26/1997 2/28/2008	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Fish Consumption Recreational Aquatic Life Aquatic Life Fish Consumption Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients ; Habitat Modification - Siltation Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Other - Nonpriority Organics ; Other - Unionized A Source Unknown - Dioxins ; Source Unknown - PCB Source Unknown - Pathogens
01181476 00425264 00425264 00425264 00425264 00425264 01192337 01209053	Montour Run Ohio River Ohio River Ohio River Ohio River Ohio River Ohio River Deer Creek Monongahela River	05010009000966 05030101003790 05030101004187 05030105000530 05030105000530 05030101000072 05030101000072 05030101000149 05030101000149 05030101000190 05030101001921 05030105000616 0502000500008 05010009001022 0501000900028 05020005001610	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007 3/2/2011 1/31/2007 11/26/1997 7/29/2011 11/26/1997 6/21/2005 6/20/2002 9/26/1997 9/26/1997 2/28/2008	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Fish Consumption Recreational Aquatic Life Fish Consumption Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients ; Habitat Modification - Siltation Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Other - Nonpriority Organics ; Other - Unionized A Source Unknown - Dioxins ; Source Unknown - PCB Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - PCB Source U
01181476 00425264 00425264 00425264 00425264 00425264 01192337 01209053	Montour Run Ohio River Ohio River Ohio River Ohio River Ohio River Ohio River Deer Creek Monongahela River West Branch Deer Creek Glass Run	05010009000966 05030101003790 05030101004187 05030101004187 05030105000530 050301010001501 05030101000072 05030101000149 05030101000149 05030101000149 05030101001300 05010009000093 05020005000008 05030101001921 05030105000616 05020005002129 05010009001022 05010009001022 05010009000208 05020005001610	6/9/1999 11/4/2003 8/29/1997 9/18/2002 3/2/2011 1/31/2007 3/2/2011 1/31/2007 11/26/1997 7/29/2011 11/26/1997 6/21/2005 6/20/2002 9/26/1997 2/28/2008	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Fish Consumption Recreational Aquatic Life Aquatic Life Fish Consumption Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH Urban Runoff/Storm Sewers - Siltation Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients ; Habitat Modification - Siltation Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Other - Nonpriority Organics ; Other - Unionized A Source Unknown - Dioxins ; Source Unknown - PCB Source Unknown - Pathogens

GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
-	•	05010000000034	7/21/1007	A	Description Number of Number of State o
		05010009000824 05020005001614		Aquatic Life Aquatic Life	Removal of Vegetation - Nutrients ; Removal of Vegetation - Siltation Bank Modifications - Siltation
		05020005001614	9/24/2004	Aquatic Life	Barik Modifications - Sittation
					Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low
01181476	Montour Run	05030101001503		Aquatic Life	D.O. ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Other - Nonpriority Organics ; Other - Unionized A
		05030101003962	10/12/2006	Aquatic Life	Erosion from Derelict Land - Siltation
			, , ,	1	
01180774	McLaughlin Run	05030101004308	10/1/1997	Aquatic Life	Hydromodification - Water/Flow Variability ; Habitat Modification - Siltation ; Habitat Modification - Turbidity
		05030101001301	11/24/1997	Aquatic Life	Abandoned Mine Drainage - Metals
					Combined Sewer Overflow - Nutrients ; Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease ; Abandoned
01179641	Little Plum Creek	05010009000477		Aquatic Life	Mine Drainage - Metals
01172771	Crouse Run	05010009000128		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01172771	Crouse Run	05010009000128	12/19/2007	Recreational	Source Unknown - Pathogens
		0501000000001	0 /1 /1 007	A	Construction - Siltation ; Construction - Flow Alterations ; Construction - Turbidity ; Subsurface Mining - Salinity/TDS/Chlorides ; Abandoned
-		05010009000931 05010009000729		Aquatic Life Recreational	Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides Source Unknown - Pathogens
		05010009000729	12/19/2007	Recreational	Source unknown - Patnogens
		05010009000202	7/30/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
		05030101003476		Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
		05030101003476		Recreational	Source Unknown - Pathogens
		05020005001907		Aquatic Life	Abandoned Mine Drainage - pH
		05020005001592		Recreational	Source Unknown - Pathogens
		05020005001592	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005002157	7/23/2002	Aquatic Life	Agriculture - Siltation ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation
	-	05010009001939	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
I	L	I		l	Agriculture - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage -
01174586	Fallen Timber Run	05020005000384		Aquatic Life	Metals ; Road Runoff - Siltation
		05030105005787		Aquatic Life	Small Residential Runoff - Siltation ; Road Runoff - Siltation
01104214	Pollock Purs	05020006004007		Aquatic Life	Road Runoff - Siltation ; Road Runoff - Cause Unknown ; Atmospheric Deposition - pH
01184214 01209053	Pollock Run Monongahela River	05020006000605 05020005000008		Aquatic Life Fish Consumption	Urban Runoff/Storm Sewers - Siltation Source Unknown - PCB
01203053	inononganeia niver	0.5020003000000	//25/2011	гын соньишрион	OURIONII - FCD
01209053	Monongahela River	05020005000008	4/5/2010	Potable Water Supply	Abandoned Mine Drainage - Other Inorganics ; Subsurface Mining - Other Inorganics ; Industrial Point Source - Other Inorganics
31203033		05030105005256		Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown
		05030101003602		Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005001841		Aquatic Life	Channelization - Flow Alterations
		05020005001871	9/24/2004	Aquatic Life	Channelization - Other Habitat Alterations
01171529	Chalfant Run	05020005000690	9/22/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
		05030101003624	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005002059		Recreational	Source Unknown - Pathogens
		05020005002059		Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005002033		Recreational	Source Unknown - Pathogens
		05020005002033	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
-		05030101001520		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
					Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low
01181476	Montour Run	05030101001509		Aquatic Life	D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A
01189067	Sunfish Run	05020005000706	7/23/2002	Aquatic Life	Abandoned Mine Drainage - Metals
	Pinkertons Run		11/26/1997	Aquatic Life	Source Unknown - Cause Unknown
01183948	Pinkertons Run	05030101004062	11/26/1997	Aquatic Life	Source Unknown - Cause Unknown
	Pinkertons Run			Aquatic Life Aquatic Life	Source Unknown - Cause Unknown Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability
	Pinkertons Run	05030101004062	11/25/1997		
	Pinkertons Run	05030101004062 05030101004127	11/25/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Silinity/TDS/Chlorides; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned
	Pinkertons Run Scrubgrass Run	05030101004062 05030101004127	11/25/1997 9/24/2004	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation
01183948		05030101004062 05030101004127 05020005001887 05030101001494	11/25/1997 9/24/2004 11/25/1997	Aquatic Life Aquatic Life Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids
01183948	Scrubgrass Run	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201	11/25/1997 9/24/2004 11/25/1997 7/30/1997	Aquatic Life Aquatic Life Aquatic Life Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides
01183948		05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity
01183948	Scrubgrass Run	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030101001361	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation
01183948 01187188 01209366	Scrubgrass Run Thoms Run	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030101001361 05030105000616	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 6/21/2005	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation
01183948	Scrubgrass Run	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030103001661 05030105000616 050301002070	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 6/21/2005	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Siltation - Turbidity Agriculture - Nutrients; Construction - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients
01183948 01187188 01209366	Scrubgrass Run Thoms Run	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030101001361 05030105000616	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 6/21/2005 11/26/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals
01183948 01187188 01209366 01185234	Scrubgrass Run Thoms Run Robinson Run	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030103010500616 05030101002070 05020005001963	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 6/21/2005 11/26/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Siltation - Turbidity Agriculture - Nutrients; Construction - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients
01183948 01187188 01209366 01185234	Scrubgrass Run Thoms Run Robinson Run	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030101001361 05030105000616 05030105000616 0503005001963 05020005001963	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 6/21/2005 11/26/1997 1/2/1999 2/28/2008	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - PH
01183948 01187188 01209366 01185234 01189505 01183771	Scrubgrass Run Thoms Run Robinson Run Thompson Run	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030101001321 05030105000616 05030105000163 05020005001963 0502000500163 05020005001612 05020005001852 05010009000146	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 6/21/2005 11/26/1997 1/2/1999 2/28/2008 9/23/2004 7/21/1999	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Oste Wastewater - Nutrients Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Chank Runoff/Storm Sewers - Siltation Source Unknown - Siltation Land Development - Siltation; Small Residential Runoff - Nutrients
01187188 01209366 01185234 01189505	Scrubgrass Run Thoms Run Robinson Run Thompson Run	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030105000616 05030105000616 05030105000673 05020005001612 05020005001852	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 6/21/2005 11/26/1997 1/2/1999 2/28/2008 9/23/2004 7/21/1999	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Phetals; Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation Source Unknown - Siltation
01187188 01209366 01185234 01189505 01183771 01183771	Scrubgrass Run Thoms Run Robinson Run Thompson Run Pine Creek Pine Creek	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030105000616 05030105000616 05030105000673 05020005001632 05020005001852 05010009000146 05010009000146	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 1/26/1997 1/26/1997 2/28/2008 9/23/2004 7/21/1999 12/19/2007	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation Source Unknown - Siltation Source Unknown - Siltation; Small Residential Runoff - Nutrients Source Unknown - Pathogens
01187188 01209366 01185234 01189505 01183771 01183771 01192331	Scrubgrass Run Thoms Run Robinson Run Thompson Run Pine Creek Pine Creek Dawson Run	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030105000616 05030105000616 05030105000616 05020005001632 05020005001632 05020005001852 05010009000146 05010009000198	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 6/21/2005 11/26/1997 1/2/1999 2/28/2008 9/23/2004 7/21/1999 12/19/2007 7/30/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation Source Unknown - Siltation Source Unknown - Siltation Land Development - Siltation; Small Residential Runoff - Nutrients Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides
01187188 01209366 01185234 01189505 01183771 01183771	Scrubgrass Run Thoms Run Robinson Run Thompson Run Pine Creek Pine Creek	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030101001321 05030101001361 05030105000616 05030101002070 0502000500163 05020005001612 05020005001852 05010009000146 05010009000188 05010009000188	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 6/21/2005 11/26/1997 2/28/2008 9/23/2004 7/21/1999 12/19/2007 7/30/1997 6/15/1999	Aquatic Life Recreational Aquatic Life Aquatic Life Recreational	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Salinity/TDS/Chlorides Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Marial Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Abandoned Mine Drainage - Metals; Jurban Runoff/Storm Sewers - Siltation Source Unknown - Siltation; Small Residential Runoff - Nutrients Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation
01187188 01209366 01185234 01189505 01183771 01183771 01192331 01184110	Scrubgrass Run Thoms Run Robinson Run Thompson Run Pine Creek Pine Creek Dawson Run Plum Creek	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030101001361 05030105000616 05030105000616 05020005000673 05020005001612 05020005001612 05020005001612 05010009000146 05010009000148 05010009000188	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 1/2/1999 2/28/2008 9/23/2004 7/21/1999 12/19/2007 7/30/1997 6/15/1999 7/12/1999	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Mandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - PMetals Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation Source Unknown - Siltation Source Unknown - Siltation Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation
01187188 01209366 01185234 01189505 01183771 01183771 01192331	Scrubgrass Run Thoms Run Robinson Run Thompson Run Pine Creek Pine Creek Dawson Run	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030105000616 05030105000616 05030105000673 05020005001632 0502005001852 05010009000146 05010009000188 05010009000188 05010009000188	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 6/21/2005 11/26/1997 1/21/1999 12/19/2007 7/30/1997 6/15/1999 17/12/1999 12/19/2007	Aquatic Life Recreational Aquatic Life Recreational	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation Source Unknown - Siltation Source Unknown - Siltation Land Development - Siltation; Small Residential Runoff - Nutrients Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens
01187188 01209366 01185234 01189505 01183771 01183771 01192331 01184110 01179635	Scrubgrass Run Thoms Run Robinson Run Thompson Run Pine Creek Pine Creek Dawson Run Plum Creek Little Pine Creek	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030101001361 05030101005000616 0503000500163 0502000500163 0502000500164 05010009000146 05010009000185 05010009000185 05010009000185 05010009000186 05010009000186	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 6/21/2005 11/26/1999 2/28/2008 9/23/2004 7/21/1999 12/19/2007 7/30/1997 6/15/1999 7/12/1999 12/19/2007	Aquatic Life Recreational Aquatic Life Recreational Recreational	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Abandoned Mine Drainage - Metals; Lyrban Runoff/Storm Sewers - Siltation Source Unknown - Siltation; Small Residential Runoff - Nutrients Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Source Unknown - Pathogens Source Unknown - Pathogens
01187188 01209366 01185234 01189505 01183771 01183771 01192331 01184110	Scrubgrass Run Thoms Run Robinson Run Thompson Run Pine Creek Pine Creek Dawson Run Plum Creek	05030101004062 05030101004127 05020005001887 05020005001887 05030101001494 05010009000201 05030101001321 05030101001361 05030105000616 05030101002070 0502000500163 05020005001612 05020005001852 05010009000146 05010009000146 05010009000185 05010009000185 05010009000164 05010009000164 05010009000164 05010009000164	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 1/2/1999 2/28/2008 9/23/2004 9/23/2004 7/30/1997 6/15/1999 7/12/1999 12/19/2007 12/19/2007	Aquatic Life Recreational Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Salinity/TDS/Chlorides Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation Source Unknown - Siltation Land Development - Siltation; Small Residential Runoff - Nutrients Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens
01187188 01209366 01185234 01189505 01183771 01183771 01192331 01184110 01179635	Scrubgrass Run Thoms Run Robinson Run Thompson Run Pine Creek Pine Creek Dawson Run Plum Creek Little Pine Creek	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030101001361 05030101005000616 0503000500163 0502000500163 0502000500164 05010009000146 05010009000185 05010009000185 05010009000185 05010009000186 05010009000186	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 1/26/1997 1/26/1997 1/27/1999 1/27/1/1999 1/27/1/1999 1/27/1/1999 1/27/1/1999 1/27/1/1999 1/27/1/1999 1/27/1/1999 1/27/1/19/2007 1/27/19/2007 1/27/19/2007	Aquatic Life Recreational Aquatic Life Recreational Recreational	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Abandoned Mine Drainage - Metals; Lyrban Runoff/Storm Sewers - Siltation Source Unknown - Siltation; Small Residential Runoff - Nutrients Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Source Unknown - Pathogens Source Unknown - Pathogens
01187188 01209366 01185234 01189505 01183771 01183771 01192331 01184110 01179635	Scrubgrass Run Thoms Run Robinson Run Thompson Run Pine Creek Pine Creek Dawson Run Plum Creek Little Pine Creek	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030105000616 05030105000616 05030105000673 0502000500162 0502005001852 05010009000146 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1999 1/2/1999 2/28/2008 9/23/2004 7/21/1999 12/19/2007 7/30/1997 6/15/1999 12/19/2007 12/19/2007 12/19/2007 12/19/2007	Aquatic Life Recreational Aquatic Life Aquat	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation Source Unknown - Siltation Source Unknown - Siltation Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens
01187188 01209366 01185234 01189505 01183771 01192331 01184110 01179635 01182585	Scrubgrass Run Thoms Run Robinson Run Thompson Run Pine Creek Pine Creek Dawson Run Plum Creek Little Pine Creek North Fork Pine Creek	05030101004062 05030101004127 05020005001887 05010009000201 05030101001321 05030101001321 05030101001321 05030101002070 0502000500163 0502000500163 0502000500164 0501009000146 0501009000185 0501009000185 0501009000185 0501009000185 0501009000185 0501009000185 0501009000185 0501009000185 0501009000185 0501009000185	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 12/4/1997 1/2/1999 2/28/2004 7/21/1999 12/19/2007 7/30/1997 12/19/2007 12/19/2007 12/19/2007 12/19/2007	Aquatic Life Recreational Recreational Recreational Recreational Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Abandoned Mine Drainage - Metals; Jurban Runoff/Storm Sewers - Siltation Source Unknown - Siltation Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Source Unknown - Pathogens Channelization - Siltation Channelization - Siltation
01187188 01209366 01185234 01189505 01183771 01183771 01192331 01184110 01179635 01182585	Scrubgrass Run Thoms Run Robinson Run Thompson Run Pine Creek Pine Creek Dawson Run Plum Creek Little Pine Creek North Fork Pine Creek Shades Run	05030101004062 05030101004127 05020005001887 05020005001887 050301010013494 0501000900201 05030101001321 05030101001321 05030101001321 05030101002070 0502000500163 0502000500163 05020005001612 05020005001852 05010009000146 05010009000198 05010009000198 05010009000166 05010009000164 05010009000164 05010009000164 05010009000144 05010009000144 05010009000144	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 1/2/1999 2/28/2008 9/23/2004 7/21/1999 12/19/2007 7/30/1997 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007	Aquatic Life Recreational Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Juban Runoff/Storm Sewers - Siltation Source Unknown - Siltation Land Development - Siltation; Small Residential Runoff - Nutrients Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens Channelization - Siltation Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens Channelization - Siltation Urban Runoff/Storm Sewers - Nutrients
01187188 01209366 01185234 01189505 01183771 01183771 0119231 01184110 01179635 01182585	Scrubgrass Run Thoms Run Robinson Run Thompson Run Pine Creek Pine Creek Dawson Run Plum Creek Little Pine Creek North Fork Pine Creek Shades Run North Fork Pine Creek	05030101004062 05030101004127 05020005001887 0501000900201 05030101001321 05030101001321 05030101001321 05030101001321 05030101001361 05030105000616 050301000500163 0502000500163 05020005001612 05020005001852 05010009000146 05010009000146 05010009000164 05010009000164 05010009000164 05010009000164 05010009000174 05010009000174 05010009000174 05010009000185 05010009000174 05010009000174 05010009000174 05010009000174 05010009000174 05010009000155 05010009000155	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 12/2005 11/26/1997 2/28/2008 9/23/2004 7/21/1999 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007	Aquatic Life Recreational Aquatic Life Recreational Recreational Recreational Recreational Recreational Aquatic Life Aquatic Life Recreational	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation - Furbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Juban Runoff/Storm Sewers - Siltation Source Unknown - Siltation Land Development - Siltation; Small Residential Runoff - Nutrients Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens Road Runoff - Siltation
01187188 01209366 01185234 01189505 01183771 01183771 01192331 01184110 01179635 01182585 01182585 01182585 01181477	Scrubgrass Run Thoms Run Robinson Run Thompson Run Pine Creek Pine Creek Dawson Run Plum Creek Little Pine Creek North Fork Pine Creek Shades Run North Fork Pine Creek Montour Run	05030101004062 05030101004127 05020005001887 05030101001494 0501000900201 05030101001321 05030101001321 05030101001361 0503010500061 0503010500061 050300500063 05020005001612 05020005001612 05010009000146 05010009000146 05010009000185 05010009000164 05010009000164 05010009000164 05010009000164 05010009000165 05010009000165 05010009000155 05010009000155 05010009000139 05010009000139	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 1/2/1999 2/28/2008 9/23/2004 9/23/2004 7/21/1999 12/19/2007 7/30/1997 6/15/1999 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007	Aquatic Life Recreational Recreational Recreational Recreational Aquatic Life Recreational Recreational Recreational Recreational Aquatic Life Aquatic Life Recreational Recreational Recreational Recreational Recreational Aquatic Life Aquatic Life Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Manufold Mine Drainage - Metals; Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation Source Unknown - Siltation Source Unknown - Siltation Source Unknown - Siltation Agriculture - Nutrients; Jariculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens
01187188 01209366 01185234 01185234 01185234 01185237 01183771 01192331 01184110 01179635 01182585 01182585 01182585 01181477	Scrubgrass Run Thoms Run Robinson Run Thompson Run Pine Creek Pine Creek Dawson Run Plum Creek Little Pine Creek North Fork Pine Creek Shades Run North Fork Pine Creek Montour Run Ohio River	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030101001321 05030101001361 05030105000616 05030005001632 05020005001632 05020005001642 05010009000146 05010009000146 05010009000146 05010009000146 05010009000146 05010009000150 05010009000164 05010009000165 05010009000165 05010009000174 05010009000174 05010009000175 05010009000175 05010009000175 05010009000175 05010009000155 05010009000155	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 12/4/1997 2/28/2008 9/23/2004 7/21/1999 12/19/2007 7/30/1997 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007	Aquatic Life Recreational Aquatic Life Aquatic Life Fish Consumption	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation Source Unknown - Siltation Source Unknown - Siltation Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens
01187188 01209366 01185234 01189505 01183771 01183771 01192331 01184110 01179635 01182585 01182585 01182585 01181477	Scrubgrass Run Thoms Run Robinson Run Thompson Run Pine Creek Pine Creek Dawson Run Plum Creek Little Pine Creek North Fork Pine Creek Shades Run North Fork Pine Creek Montour Run	05030101004062 05030101004127 05020005001887 05030101001494 0501000900201 05030101001321 05030101001321 05030101001361 0503010500061 0503010500061 050300500063 05020005001612 05020005001612 05010009000146 05010009000146 05010009000185 05010009000164 05010009000164 05010009000164 05010009000164 05010009000165 05010009000165 05010009000155 05010009000155 05010009000139 05010009000139	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 12/4/1997 2/28/2008 9/23/2004 7/21/1999 12/19/2007 7/30/1997 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007	Aquatic Life Recreational Recreational Recreational Recreational Aquatic Life Recreational Recreational Recreational Recreational Aquatic Life Aquatic Life Recreational Recreational Recreational Recreational Recreational Aquatic Life Aquatic Life Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Soad Runoff - Siltation Small Residential Runoff - Siltation; Soad Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - PH Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation Source Unknown - Siltation Land Development - Siltation; Small Residential Runoff - Nutrients Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens Road Runoff / Storm Sewers - Nutrients Source Unknown - Pathogens Road Runoff / Storm Sewers - Nutrients Source Unknown - Pathogens Road Runoff / Storm Sewers - Nutrients Source Unknown - Pathogens Road Runoff - Siltation Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens Road Runoff - Siltation Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens
01183948 01187188 01209366 01185234 01189505 01183771 01183771 01192331 01184110 01179635 01182585 01181477 00425264 00425264	Scrubgrass Run Thoms Run Robinson Run Thompson Run Pine Creek Pine Creek Dawson Run Plum Creek Little Pine Creek North Fork Pine Creek Shades Run North Fork Pine Creek Montour Run Ohio River Ohio River	05030101004062 05030101004127 05020005001887 05020005001887 05030101001494 0501000900201 05030101001321 05030101001321 05030101001321 05030101001321 050300100010321 0502000500163 05020005001612 05020005001612 05010009000146 05010009000146 05010009000185 05010009000164 05010009000164 05010009000164 05010009000164 05010009000174 05010009000185 05010009000185 05010009000185 05010009000186 05010009000186	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 1/2/1999 2/28/2008 9/23/2004 7/21/1999 12/19/2007	Aquatic Life Recreational Recreational Recreational Recreational Recreational Recreational Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Recreational	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - PH Abandoned Mine Drainage - Metals; Jurban Runoff/Storm Sewers - Siltation Source Unknown - Siltation Land Development - Siltation; Small Residential Runoff - Nutrients Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned
01187188 01209366 01185234 01185234 01185234 01183771 01183771 01192331 01184110 01179635 01182585 01182585 01181477 00425264 00425264 00425264 01171600	Scrubgrass Run Thoms Run Robinson Run Thompson Run Pine Creek Pine Creek Dawson Run Plum Creek Little Pine Creek North Fork Pine Creek Shades Run North Fork Pine Creek Montour Run Ohio River Ohio River Chartiers Creek	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030101001321 05030105000616 05030105000616 05030005001632 05020005001632 05020005001642 05010009000146 05010009000146 05010009000146 05010009000146 05010009000146 05010009000155 05010009000155 05010009000164 05010009000165 05010009000165 05010009000165 05010009000185 05010009000185 0501009000198 05010090000186	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 12/2005 11/26/1997 1/2/1999 2/28/2008 9/23/2004 7/21/1999 12/19/2007	Aquatic Life Recreational Recreational Recreational Recreational Recreational Recreational Recreational Recreational Aquatic Life Fish Consumption Recreational Aquatic Life Aquatic Life Fish Consumption Recreational	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification: Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation Source Unknown - Siltation Land Development - Siltation; Small Residential Runoff - Nutrients Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Channelization - Siltation Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens Source Unknown - Path
01183948 01187188 01209366 01185234 01189505 01183771 01183771 01192331 01184110 01179635 01182585 01181477 00425264 00425264	Scrubgrass Run Thoms Run Robinson Run Thompson Run Pine Creek Pine Creek Dawson Run Plum Creek Little Pine Creek North Fork Pine Creek Shades Run North Fork Pine Creek Montour Run Ohio River Ohio River	05030101004062 05030101004127 05020005001887 05020005001887 05030101001494 0501000900201 05030101001321 05030101001321 05030101001321 05030101001321 050300100010321 0502000500163 05020005001612 05020005001612 05010009000146 05010009000146 05010009000185 05010009000164 05010009000164 05010009000164 05010009000164 05010009000174 05010009000185 05010009000185 05010009000185 05010009000186 05010009000186	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 12/2005 11/26/1997 1/2/1999 2/28/2008 9/23/2004 7/21/1999 12/19/2007	Aquatic Life Recreational Recreational Recreational Recreational Recreational Recreational Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Recreational	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - PH Abandoned Mine Drainage - Metals; Jurban Runoff/Storm Sewers - Siltation Source Unknown - Siltation Land Development - Siltation; Small Residential Runoff - Nutrients Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned
01187188 01209366 01185234 01189505 01189505 01183771 01183771 01192331 01184110 01179635 01182585 01181477 00425264 00425264 00171600 01171600	Scrubgrass Run Thoms Run Robinson Run Thompson Run Thompson Run Pine Creek Pine Creek Dawson Run Plum Creek Little Pine Creek Morth Fork Pine Creek Month Fork Pine Creek Montour Run Ohio River Ohio River Chartiers Creek Chartiers Creek	05030101004062 05030101004127 05020005001887 05020005001887 05030101001494 0501000900201 05030101001321 05030101001321 05030101001361 05030105000616 05030101002070 0502000500163 0502000500163 05020005001612 05020005001852 05010009000146 05010009000146 05010009000164 05010009000164 05010009000164 05010009000164 05010009000164 05010009000155 05010009000155 05010009000155 05010009000155 05010009000155 05010009000155 05010009000155 05010009000155 05010009000175 05010009000175 05010009000175 05010009000175	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 12/4/1997 1/2/1999 12/19/2007	Aquatic Life Recreational Aquatic Life Fish Consumption Recreational Aquatic Life Fish Consumption	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Small Residential Runoff - Phatage - Phat
01187188 01209366 01185234 01189505 01183771 01183771 01192331 01184110 01179635 01182585 01187296 01182585 01181477 00425264 00425264 01171600	Scrubgrass Run Thoms Run Robinson Run Thompson Run Pine Creek Pine Creek Dawson Run Plum Creek Little Pine Creek North Fork Pine Creek Shades Run North Fork Pine Creek Montour Run Ohio River Ohio River Chartiers Creek	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030105000616 05030105000616 05030105000616 05020005001632 0502000500164 05010009000146 05010009000146 05010009000146 05010009000146 05010009000146 05010009000146 05010009000146 05010009000146 05010009000146 05010009000146 05010009000146 05010009000146 05010009000164 05010009000155 05010009000146 05010009000168 05010009000175 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 10/3/1997 12/4/1997 1/2/1999 2/28/2008 9/23/2004 7/21/1999 12/19/2007 7/30/1997 6/15/1999 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 7/12/1999 3/2/2011 1/31/2002 7/13/1999	Aquatic Life Recreational Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Fish Consumption Aquatic Life Fish Consumption	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation Source Unknown - Siltation; Small Residential Runoff - Nutrients Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens Source U
01187188 01209366 01185234 01189505 01183771 01183771 01192331 01184110 01179635 01182585 01187296 01182585 01181477 00425264 00425264 001171600 01171600	Scrubgrass Run Thoms Run Robinson Run Thompson Run Thompson Run Pine Creek Pine Creek Dawson Run Plum Creek Little Pine Creek Morth Fork Pine Creek Month Fork Pine Creek Montour Run Ohio River Ohio River Chartiers Creek Chartiers Creek	05030101004062 05030101004127 05020005001887 05010009000201 05030101001321 05030101001321 05030101001321 05030101001321 05030105000616 0503005000163 0502000500163 0502000500163 0502000500164 05010009000146 05010009000146 05010009000146 05010009000146 05010009000159 05010009000159 05010009000159 05010009000159 05010009000159 05010009000159 05010009000159 05010009000159 05010009000159 05010009000159 05030101000068 05030101000068	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 12/4/1997 1/2/1999 12/19/2007 7/30/1997 6/15/1999 12/19/2007	Aquatic Life Recreational Aquatic Life Recreational Recreational Recreational Recreational Aquatic Life Fish Consumption Recreational Aquatic Life Fish Consumption Aquatic Life Fish Consumption Aquatic Life Fish Consumption Aquatic Life Recreational	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Watter/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On Site Wastewater - Nutrients Abandoned Mine Drainage - Metals; On Site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Chank Runoff/Storm Sewers - Siltation Source Unknown - Siltation Iand Development - Siltation; Small Residential Runoff - Nutrients Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens Apandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Source Unknown - PCB; Source Unk
01187188 01209366 01185234 01189505 01189505 01183771 01183771 01192331 01184110 01179635 01182585 01181477 00425264 00425264 00425264 00475264 001171600 01171600 01171600 01188366	Scrubgrass Run Thoms Run Robinson Run Thompson Run Thompson Run Pine Creek Pine Creek Dawson Run Plum Creek Little Pine Creek Morth Fork Pine Creek Month Fork Pine Creek Montour Run Ohio River Ohio River Chartiers Creek Chartiers Creek	05030101004062 05030101004127 05020005001887 05030101001494 05010009000201 05030101001321 05030105000616 05030105000616 05030105000616 05020005001632 0502000500164 05010009000146 05010009000146 05010009000146 05010009000146 05010009000146 05010009000146 05010009000146 05010009000146 05010009000146 05010009000146 05010009000146 05010009000146 05010009000164 05010009000155 05010009000146 05010009000168 05010009000175 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189 05010009000189	11/25/1997 9/24/2004 11/25/1997 7/30/1997 10/3/1997 12/4/1997 12/4/1997 1/2/1999 12/19/2007	Aquatic Life Recreational Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Fish Consumption Aquatic Life Fish Consumption	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability Bank Modifications - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Habitat Modification - Siltation; Habitat Modification - Turbidity Agriculture - Nutrients; Construction - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Small Residential Runoff - Siltation; Road Runoff - Siltation Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation Source Unknown - Siltation; Small Residential Runoff - Nutrients Source Unknown - Pathogens Agriculture - Nutrients; Agriculture - Siltation; Construction - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens Source U

			1	1	Appe	ndix C - impaired waters
Property	GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
Property	01183771	Pine Creek	05010009000067	12/19/2007	Recreational	Source Unknown - Pathogens
1975 1975						
March Marc						
			05010009000472	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
March Marc			05010009000440	5/27/1999	Aquatic Life	On site Wastewater - Nutrients
			05010009000491	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
	01186943	Sandy Creek	05010009000489	7/12/1999	Aquatic Life	Municipal Point Source - Chlorine ; Urban Runoff/Storm Sewers - Other Inorganics
Column			05010009000470	7/6/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease
1979-75 Art Text Core 1979-75 Art			05010009000468	7/6/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease
1979-75 Art Text Core 1979-75 Art						
Section Proceedings Section						
Company Comp	01179524	Little Deer Creek				
Management Norm						
Construction Target Security Securit	01209053	Monongahela River				
DOCUMENT 17/12/19/19/20/20/20/20/20/20/20/20/20/20/20/20/20/			05020005001990	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Kunott/Storm Sewers - Siltation
DOCUMENT 17/12/19/19/20/20/20/20/20/20/20/20/20/20/20/20/20/						Construction Siltation Construction Flow Alterations Construction Turbidity Subsurface Mining Salinity/TDS/Chlorides Abandoned
			0501000000192	9/1/1007	Aquatic Life	
\$6,000,000,000,000,000,000,000,000,000,0						
	<u></u>		05020005002117	6/20/2002	Aquatic Life	
	01193108	Perry Mill Run				
					•	
113938 Wyler Run						
			05020005001589	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
	01103033	Marketta Deca	05020005005	C 120 1201	A	Carell Devidential Devett Citation Carell Devidential
	01193698	Wylie Run				
1188937 Prey Fork						ů
1183937 Pump Fork	01192027	Dinov Fork				
1139138 Perry Mill Run	01103337	rilley FOIK	03020003001380	3/23/2010	Aquatic Life	Groun Manon/Journ Sewers Stratton
1139138			05020005000702	6/20/2002	Aquatic Life	Agriculture - Organic Enrichment/Low D.O.: Small Residential Runoff - Organic Enrichment/Low D.O.: Abandoned Mine Drainage - Metals
					4,	
	01193108	Perry Mill Run	05020005000701	6/20/2002	Aquatic Life	Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
Industrial Point Source - Priority Organic Synthesiopal Point Source - Organic Enrichment/Low D.O.; Removal of Vegetation - Other Habitat Meretions			05020005002076	7/28/2010	Recreational	
Disposition Peters Ceek			05020005002076	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
						Industrial Point Source - Priority Organics ; Municipal Point Source - Organic Enrichment/Low D.O. ; Removal of Vegetation - Other Habitat
	01183625	Peters Creek	05020005000442	3/30/1999	Aquatic Life	Alterations
	01183625	Peters Creek	05020005000442	11/18/2009	Recreational	
	01169078	Beckets Run				
0.1189763 Thompson Brun 0.502000500050079 9/73/2004 Aquatic Life Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Sittation 0.1550003 Monongahela River 0.5020005000011 7/29/2013 Fish Consumption Source Unknown - PCB Source Unknown - PCB 0.1550003 Monongahela River 0.50200050000011 4/5/2010 Potable Water Supply Abandoned Mine Drainage - Other Inorganics ; Subsurface Mining - Other Inorganics ; Industrial Point Source - Other Inorganics 0.5010005000000000 7/30/1997 Aquatic Life April						ů i i
0.1188672 Streets Run	01189505	Thompson Run				
03100090000020					r	
03100090000020	01550003	Monongahela River	05020005000011	4/5/2010	Potable Water Supply	Abandoned Mine Drainage - Other Inorganics ; Subsurface Mining - Other Inorganics ; Industrial Point Source - Other Inorganics
05020005002020						
hydromodification - Flow Alterations; Hydromodification - Other Habitat Alterations; Habitat Modification - Flow Alterations; Habitat Modification - Other Habitat Alterations; Habitat Modification - Other Habitat Alterations; Abandoned Mine Drainage - Silitation; Abandoned Mine Drainage - Pt; Abandoned Mine Drainage - Metals - Abandoned Mine Drainage - Pt; Abandoned Mine Drainage - Pt; Abandoned Mine Drainage - Metals - Abandoned Mine Drainage - Pt; Abandoned Mine Drainage - Metals - Abandoned Mine Drainage - Pt; Abandoned Mine Drainage - Pt; Abandoned Mine Drainage - Metals - Abandoned Mine Drainage - Pt; Abandoned Mine Drainage - Metals - Aband						
05030101001485 10/2/1997 Aquatic Life Modification - Other Habitat Alterations Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - PH ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - PH ; Abandoned Mine Drainage - Metals 1018-10-10-10-10-10-10-10-10-10-10-10-10-10-			U5020005002020	4/26/2002	Aquatic Life	
Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Silitation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Silitation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Silitation ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Pit; Abandoned Mine Drainage - Silitation ; Abandoned Mine Drainage - Pit; Abandoned Mine Drainage - Silitation ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Silitation ; Abandoned Mine Drainage - Metals ;			0503010100110	10/2/100=	Agustic Life	
12/4/1997 Aquatic Life Mine Drainage - Suspended Solids Source Unknown - Chlordane Source Unknown - Pathogens Source Unk			05030101001485	10/2/1997	Aquatic Lite	
111/2002 Fish Consumption Source Unknown - PCB ; Source Unknow	01171600	Chartiers Creek	05020101000072	12/4/1007	Aguatic Life	
1/2/1999 Moon Run 05030101001875 1/2/1999 Aquatic Life Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - PH ; Abandoned Mine Drainage - Suspended Solids 7/31/1997 Aquatic Life Removal of Vegetation - Nutrients ; Removal of Vegetation - Siltation Source Unknown - Pathogens Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals Source Unknown - Pathogens O5020005000672 9/24/2004 Aquatic Life Bank Modifications - Siltation Source Unknown - PCB Obio River O5030101000068 3/2/2011 Fish Consumption Source Unknown - Pathogens O1179635 Little Pine Creek O5010009000165 12/19/2007 Recreational Source Unknown - Pathogens O1179635 Little Pine Creek O5030101000495 11/25/1997 Aquatic Life Combined Sewer Overflow - Nutrients ; Combined Sewer Overflow - DO/BOD ; Urban Runoff/Storm Sewers - Water/Flow Variability Urban Runoff/Storm Sewers - Nutrients O5020006000735 7/17/2003 Aquatic Life Abandoned Mine Drainage - Metals O5020005001581 7/28/2010 Recreational Source Unknown - Pathogens O5020005000501581 7/28/2010 Recreational Source Unknown - Pathogens O5020005000501581 4/26/2002 Aquatic Life Urban Runoff/Storm Sewers - Nutrients O5020005001581 4/26/2002 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals O5020005001581 4/26/2002 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals O5020005001581 Adandoned Mine Drainage - Metals O5020005000729 7/14/2003 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals O5020005000729 7/14/2003 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine						
05010099000813 7/31/1997 Aquatic Life Removal of Vegetation - Nutrients; Removal of Vegetation - Siltation	511/1000	character creek	53030101000073	1/11/2002	s consumption	Constitution 155, Source Onknown Chloradic
05010099000813 7/31/1997 Aquatic Life Removal of Vegetation - Nutrients; Removal of Vegetation - Siltation	01181499	Moon Run	05030101001875	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH : Abandoned Mine Drainage - Suspended Solids
North Fork Pine Creek 05010009000155 12/19/2007 Recreational Source Unknown - Pathogens Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals O5020005000672 9/24/2004 Aquatic Life Bank Modifications - Siltation Source Unknown - PCB Obit River O5030101000068 3/2/2011 Fish Consumption Source Unknown - Dioxins; Source Unknown - PCB O0425264 Ohio River O5030101000068 1/31/2007 Recreational Source Unknown - Pathogens O5030101000068 1/31/2007 Recreational Source Unknown - Pathogens O5030101000068 1/31/2007 Recreational Source Unknown - Pathogens O5030101000065 1/29/2007 Recreational Source Unknown - Pathogens O50301010000495 11/25/1997 Aquatic Life Combined Sewer Overflow - Nutrients; Combined Sewer Overflow - DO/BOD; Urban Runoff/Storm Sewers - Water/Flow Variability Urban Runoff/Storm Sewers - Nutrients O5020006000735 7/17/2003 Aquatic Life Abandoned Mine Drainage - Metals O5020005001581 7/28/2010 Recreational Source Unknown - Pathogens O5020005000581 4/26/2002 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals O5020005000729 7/14/2003 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals O5020005000729 7/14/2003 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals O5020005000729 7/14/2003 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals O5020005000729 7/14/2003 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals O5020005000729 7/14/2003 Aquatic Life Obandoned Mine Drainage - Metals Obandoned Mine Drainage - Metals Obandoned Mine Drainag						
Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Johandoned Mine Drainage - Metals	01182585	North Fork Pine Creek				
0502000500232 6/20/2002 Aquatic Life Enrichment/Low D.O.; Abandoned Mine Drainage - Metals				,		Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic
05020005000672 9/24/2004 Aquatic Life Bank Modifications - Siltation	<u></u>		05020005002032	6/20/2002	Aquatic Life	
00425264 Ohio River 05030101000068 1/31/2007 Recreational Source Unknown - Pathogens 01179635 Little Pine Creek 05010009000165 12/19/2007 Recreational Source Unknown - Pathogens 01187035 Sawmill Run 05030101000495 11/25/1997 Aquatic Life Combined Sewer Overflow - Nutrients ; Combined Sewer Overflow - DO/BOD ; Urban Runoff/Storm Sewers - Water/Flow Variability 05010009000112 7/20/1999 Aquatic Life Urban Runoff/Storm Sewers - Nutrients 05020006000735 7/17/2003 Aquatic Life Abandoned Mine Drainage - Metals 01192779 Lick Run 05020005001581 7/28/2010 Recreational Source Unknown - Pathogens 01192779 Lick Run 05020005001581 4/26/2002 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals 01192779 Lick Run 05020006000729 7/14/2003 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals			05020005000672			
Ditropast Little Pine Creek Display Di						
01187035 Sawmill Run 05030101000495 11/25/1997 Aquatic Life Combined Sewer Overflow - Nutrients; Combined Sewer Overflow - DO/BOD; Urban Runoff/Storm Sewers - Water/Flow Variability Urban Runoff/Storm Sewers - Nutrients 05020006000735 7/17/2003 Aquatic Life Abandoned Mine Drainage - Metals O5020005001581 7/28/2010 Recreational Source Unknown - Pathogens O5020005001581 4/26/2002 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals O5020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals O5020006000729 T/14/2003 Aquatic Life Abandoned Mine Drainage - Metals O5020006000729 T/14/2003 Aquatic Life Abandoned Mine Drainage - Metals O5020006000729 T/14/2003 Aquatic Life Abandoned Mine Drainage - Metals O5020006000729 T/14/2003 Aquatic Life O5020006000729 T/14/2003 O5020006000729 T/14/200						
05010009000112 7/20/1999 Aquatic Life Urban Runoff/Storm Sewers - Nutrients 05020006000735 7/17/2003 Aquatic Life Abandoned Mine Drainage - Metals 0502005001581 7/28/2010 Recreational Source Unknown - Pathogens 01192779 Lick Run 05020005001581 4/26/2002 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 05020060000729 0502006000729 0502006000729 0502006000729 0502006000729 05020060000729 050200600000000000000000000000000000000	01179635	Little Pine Creek	05010009000165	12/19/2007	Recreational	Source Unknown - Pathogens
05010009000112 7/20/1999 Aquatic Life Urban Runoff/Storm Sewers - Nutrients 05020006000735 7/17/2003 Aquatic Life Abandoned Mine Drainage - Metals 0502005001581 7/28/2010 Recreational Source Unknown - Pathogens 01192779 Lick Run 05020005001581 4/26/2002 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals 05020006000729 05020060000729 0502006000729 0502006000729 0502006000729 0502006000729 05020060000729 050200600000000000000000000000000000000	l			l		<u> </u>
05020006000735 7/17/2003 Aquatic Life Abandoned Mine Drainage - Metals	01187035	Sawmill Run				
01192779 Lick Run 05020005001581 7/28/2010 Recreational Source Unknown - Pathogens Source Unknown - Pathogens Usk Run 05020005001581 4/26/2002 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals O502006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals O502006000729						
0502005001581 4/26/2002 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals	04463=	rid b				
05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals						
	01192//9	LICK KUII				
01180774 McLaughlin Run 05030101004335 10/1/1997 Aquatic Life Hydromodification - Water/Flow Variability ; Habitat Modification - Siltation ; Habitat Modification - Turbidity	-		0.3020000000729	//14/2003	Aquatic Life	Anoniuorieu iviirie prantdige - ivietalis
Proposition - Marcel in a variable in the physical in the phys	01180774	McI aughlin Run	05030101004225	10/1/1007	Aquatic Life	Hydromodification - Water/Flow Variability : Habitat Modification - Siltation : Habitat Modification - Turbidity
	21130774		-2020101004333	10/1/1997	quaric site	

GNIS ID					
	Waterbody Name	Reach Code	Date	Stream Assessment	Source
	waterbody warne	Reacii Code	Date	Stream Assessment	Source
		05030101004382		Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation ; Habitat Modification - Other Habitat Alterations
01550003	Monongahela River	05020005000011	7/29/2011	Fish Consumption	Source Unknown - PCB
01550003	Monongahela River	05020005000011		Potable Water Supply	Abandoned Mine Drainage - Other Inorganics ; Subsurface Mining - Other Inorganics ; Industrial Point Source - Other Inorganics
	6 15	05010009000583		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01193648	Wexford Run	05010009000147		Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
01193648	Wexford Run	05010009000147 05010009000196		Recreational Aquatic Life	Source Unknown - Pathogens Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations
		05010009000196		Aquatic Life	Road Runoff - Siltation ; Road Runoff - Cause Unknown ; Atmospheric Deposition - pH
		05030101003793		Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01192945	Millers Run	05030101003793		Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
01181477	Montour Run	05010009000501		Recreational	Source Unknown - Pathogens
01101177	Wientedar Hain	05010009000141		Recreational	Source Unknown - Pathogens
		03010003000141	12/13/2007	neci cational	Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Suspended Solids;
01187188	Scrubgrass Run	05030101001493	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Siltation
0110/100	Scrabbrass nan	03030101001133	12/ 1/1337	riquotic Eire	radional mine standage stration
					Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned
		05030101004187	8/29/1997	Aquatic Life	Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients ; Habitat Modification - Siltation
					Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low
01181476	Montour Run	05030101001510		Aquatic Life	D.O. ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Other - Nonpriority Organics ; Other - Unionized A
01188258	Spring Run	05030101003249	7/15/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05030101001307	11/23/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation
		05030101001292	11/26/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.
					Urban Runoff/Storm Sewers - Nutrients ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; On site
		05030101003947		Aquatic Life	Wastewater - Nutrients
		05030101000475	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
					Urban Runoff/Storm Sewers - Nutrients ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ;
		05030101001294	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Suspended Solids
	l			l	
01181499	Moon Run	05030101001875	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Suspended Solids
		05030101001476	10/7/1997	Aquatic Life	Construction - Siltation ; Construction - Turbidity ; Habitat Modification - Nutrients ; Habitat Modification - Siltation
		05030101003654		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
					6/2
01180625	McClarens Run	05030101001517	44 /24 /4007	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Habitat Modification - Siltation
		05030101001301	11/24/199/	Aquatic Life	Abandoned Mine Drainage - Metals
04403343	D. C. L D	05020404004400	40/2/4007	A	
01183212	Painters Run	05030101001490 05030101004246		Aquatic Life Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity Habitat Modification - Siltation ; Habitat Modification - Turbidity
01189972	Turtle Creek	05020005000484		Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01182244	Nelson Run	05010009000794		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01182244	Neison Kun	05030101003528		Aquatic Life	Road Runoff - Siltation
		03030101003328	7/17/2003	Aquatic Life	Note Nation Street Office (1997)
01188066	South Fork Montour Run	05030101001511		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Habitat Modification - Siltation
		05030101003638	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05030101003686	, ,	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
				Fig. 6	
00425264	Ohio River	05030101000066	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264 00425264	Ohio River Ohio River	05030101000066 05030101000066		Recreational	Source Unknown - Dioxins ; Source Unknown - PCB Source Unknown - Pathogens
			1/31/2007		
		05030101000066	1/31/2007	Recreational	Source Unknown - Pathogens
		05030101000066	1/31/2007 11/4/2003	Recreational	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		05030101000066 05030101003643 05020005002128	1/31/2007 11/4/2003 6/20/2002	Recreational Aquatic Life Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned
		05030101000066 05030101003643	1/31/2007 11/4/2003 6/20/2002	Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids
00425264	Ohio River	05030101000066 05030101003643 05020005002128 05030101001489	1/31/2007 11/4/2003 6/20/2002 11/25/1997	Recreational Aquatic Life Aquatic Life Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage -
00425264	Ohio River Chartiers Creek	0503010100066 05030101003643 05020005002128 05030101001489 05030101000084	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity
00425264	Ohio River	0503010100066 05030101003643 05020005002128 05030101001489 05030101000084 05030101000084	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane
01171600 01171600	Ohio River Chartiers Creek Chartiers Creek	05030101000066 05030101003643 05020005002128 05030101001489 05030101000084 05030101000084 05030105000616	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation
01171600 01171600 010425264	Ohio River Chartiers Creek Chartiers Creek Ohio River	05030101000066 05030101003643 05020005002128 05030101001489 05030101000084 0503010000084 05030100000616 0503010000072	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB
01171600 01171600 01171600 00425264 00425264	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River	05030101000066 05030101003643 05020005002128 05030101001489 05030101000084 05030101000084 05030101000084 05030101000072 05030101000072	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2005 6/21/2005 3/2/2011	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chloridane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens
01171600 01171600 010425264	Ohio River Chartiers Creek Chartiers Creek Ohio River	05030101000066 05030101003643 05020005002128 05030101001489 05030101000084 05030101000084 05030105000616 05030101000072 05030105000597	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011 1/31/2007 6/26/2002	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation
01171600 01171600 01171600 00425264 00425264	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River	05030101000066 05030101003643 05020005002128 05030101001489 05030101000084 05030101000084 05030101000084 05030101000072 05030101000072	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011 1/31/2007 6/26/2002	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chloridane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens
01171600 01171600 01171600 00425264 00425264 01170184	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek	05030101000066 050301010003643 05020005002128 05030101001489 05030101000084 05030101000084 05030105000616 05030101000072 05030101000072 05030105000597 05030101000362	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011 1/31/2007 6/26/2002	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Forsion from Derelict Land - Siltation
01171600 01171600 01171600 00425264 00425264	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River	05030101000066 05030101003643 05020005002128 05030101001489 05030101000084 05030101000084 05030105000616 05030101000072 05030101000072 050301010003962 05030101003962	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 6/26/2002 10/12/2006 7/24/2003	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Pothogens Urban Runoff/Storm Sewers - Siltation Erosion from Derelict Land - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation
01171600 01171600 01171600 00425264 00425264 01170184	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek	05030101000066 050301010003643 05020005002128 05030101001489 05030101000084 05030101000084 05030105000616 05030101000072 05030101000072 05030105000597 05030101000362	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 6/26/2002 10/12/2006 7/24/2003	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Forsion from Derelict Land - Siltation
01171600 01171600 01171600 00425264 00425264 01170184	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek	05030101000066 05030101003643 05020005002128 05030101001489 05030101000084 05030101000084 05030105000616 05030101000072 05030101000072 050301010003962 05030101003962	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011 1/31/2007 10/12/2006 7/24/2003 7/17/2003	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Pothogens Urban Runoff/Storm Sewers - Siltation Erosion from Derelict Land - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation
01171600 01171600 01171600 00425264 00425264 01170184	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek	05030101000066 050301010003643 05020005002128 05030101001489 05030101000084 05030101000084 05030101000072 05030101000072 05030101000072 05030101000072 050301010003962 05030101003252 05030101000553	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011 1/31/2007 10/12/2006 7/24/2003 7/17/2003	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Frosion from Derelict Land - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation
01171600 01171600 01171600 00425264 00425264 01170184	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek	05030101000066 050301010003643 05020005002128 05030101001489 05030101000084 05030101000084 05030101000072 05030101000072 05030101000072 05030101000072 050301010003962 05030101003252 05030101000553	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011 1/31/2007 6/26/2002 10/12/2006 7/24/2003 6/20/2002	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Erosion from Derelict Land - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
01171600 01171600 01171600 00425264 00425264 01170184	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek	05030101000066 050301010003643 05020005002128 05030101001489 05030101000084 05030101000084 05030101000084 05030101000072 05030101000072 05030101000072 05030105000597 05030101000352 0503010500597	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011 1/31/2007 6/26/2002 10/12/2006 7/24/2003 6/20/2002	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Erosion from Derelict Land - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned
01171600 01171600 01171600 00425264 00425264 01170184	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek	05030101000066 050301010003643 05020005002128 05030101001489 05030101000084 05030101000084 05030101000084 05030101000072 05030101000072 05030101000072 05030105000597 05030101000352 0503010500597	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011 1/31/2007 6/26/2002 10/12/2006 7/24/2003 6/20/2002	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Erosion from Derelict Land - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned
01171600 01171600 01171600 00425264 00425264 01170184	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek	05030101000066 05030101003643 05020005002128 05030101001489 05030101000084 05030101000084 05030105000616 05030105000616 0503010500067 05030101000072 05030101000092 050301010009553 05020005000697 05030101003656	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 3/2/2011 1/31/2007 6/26/2002 10/12/2006 7/24/2003 7/17/2003 6/20/2002 12/4/1997	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Siltation Erosion from Derelict Land - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides
00425264 01171600 01171600 00425264 00425264 00170184 01187609	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek Shouse Run	05030101000066 050301010003643 05020005002128 05030101001489 05030101000084 05030101000084 05030101000072 05030101000072 05030101000072 05030101000072 05030101000557 0503010100355 0502005000697 05030101003656	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 3/2/2011 1/31/2007 6/26/2002 10/12/2006 7/24/2003 7/17/2003 6/20/2002 12/4/1997	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Poboxins; Source Unknown - PCB Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Frosion from Derelict Land - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned
01171600 01171600 01171600 00425264 00425264 01170184	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek	05030101000066 05030101003643 05020005002128 05030101001489 05030101000084 05030101000084 05030105000616 05030105000616 0503010500067 05030101000072 05030101000092 050301010009553 05020005000697 05030101003656	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011 1/31/2007 10/12/2006 7/24/2003 7/17/2003 6/20/2002 12/4/1997 8/1/1997 9/23/2004	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Erosion from Derelict Land - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides Construction - Siltation; Siltation Source Unknown - PCB
01171600 01171600 01171600 00425264 00425264 01170184 01187609	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek Shouse Run Monongahela River	05030101000066 050301010003643 05020005002128 05030101001489 05030101000084 05030101000084 05030105000616 05030105000616 0503010500057 0503010500057 0503010500057 0503010500057 0503010500057 050301050005000697 05030101003656	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011 1/31/2007 6/26/2002 10/12/2006 7/24/2003 7/17/2003 6/20/2002 12/4/1997 8/1/1997 9/23/2004 7/29/2011	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life Fish Consumption	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Frosion from Derelict Land - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation; Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides Construction - Siltation - Siltation Siltation Siltation Siltation - Other Habitat Alterations; Bank Modifications - Other Habitat Alterations
00425264 01171600 01171600 00425264 00425264 00170184 01187609	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek Shouse Run	05030101000066 050301010003643 05020005002128 05030101001489 05030101000084 05030101000084 05030101000072 05030101000072 05030101000072 05030101000072 05030101000557 0503010100355 0502005000697 05030101003656	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011 1/31/2007 6/26/2002 10/12/2006 7/24/2003 7/17/2003 6/20/2002 12/4/1997 8/1/1997 9/23/2004 7/29/2011	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Erosion from Derelict Land - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides Custruction - Siltation - Siltation - Siltation - Other Habitat Alterations; Bank Modifications - Other Habitat Alterations, Road Runoff - Oil and Grease
00425264 01171600 01171600 00425264 00425264 01170184 01187609 01209053 01192514	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek Shouse Run Monongahela River Girtys Run	05030101000066 050301010003643 05020005002128 05030101001489 05030101000084 05030101000084 05030101000072 05030101000072 05030101000072 050301010003962 0503010100353 05020005000697 05030101003656 0501000900031 05020005001984 05020005000066	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011 1/31/2007 6/26/2002 7/24/2003 7/17/2003 6/20/2002 12/4/1997 8/1/1997 9/23/2004 7/29/2011 7/21/1999	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Frosion from Derelict Land - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation; Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Silitation; Abandoned Mine Drainage - Suspended Solids Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine
01171600 01171600 01171600 00425264 00425264 01170184 01187609	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek Shouse Run Monongahela River	05030101000066 050301010003643 05020005002128 05030101001489 05030101000084 05030101000084 05030105000616 05030105000616 05030105000597 05030105000597 05030101000355 05030105000597 05030101000553 0503010500597 05030101000553 05020005000697 05030101003656	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011 1/31/2007 6/26/2002 10/12/2006 7/24/2003 6/20/2002 12/4/1997 8/1/1997 9/23/2004 7/29/2011 7/21/1998	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life Fish Consumption Aquatic Life Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Frosion from Derelict Land - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Aband
00425264 01171600 01171600 00425264 00425264 01170184 01187609 01209053 01192514	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek Shouse Run Monongahela River Girtys Run	05030101000066 050301010003643 05020005002128 05030101001489 05030101000084 05030101000084 05030105000616 05030105000616 05030105000597 050301010003962 05030101000353 05020005000697 05030101003656 0501000900031 05020005000066 05010009000107 05010009000107	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 3/2/2011 1/31/2007 6/26/2002 10/12/2006 7/24/2003 7/17/2003 6/20/2002 12/4/1997 8/1/1997 9/23/2004 7/29/2011 7/21/1998 12/19/2007	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life Fish Consumption Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Erosion from Derelict Land - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides Construction - Siltation Source Unknown - PCB Urban Runoff/Storm Sewers - Nutrients; Removal of Vegetation - Other Habitat Alterations; Bank Modifications - Other Habitat Alterations Source Unknown - PCB Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Removal of Vegetation - Other Habitat Alterations; Bank Modifications - Other Habitat Alterations Source Unknown - Pathogens
00425264 01171600 01171600 00425264 00425264 01170184 01187609 01209053 01192514	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek Shouse Run Monongahela River Girtys Run	05030101000066 050301010003643 05020005002128 05030101001489 05030101000084 05030101000084 05030101000072 05030101000072 05030101000072 05030101000072 05030101000553 0502005000697 05030101003656 05030101003656 05030101003656	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011 1/31/2007 6/26/2002 10/12/2006 7/24/2003 7/17/2003 12/4/1997 9/23/2004 7/29/2011 7/21/1999 10/27/1998 12/19/2007 12/19/2007	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life Fish Consumption Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Frosion from Derelict Land - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides Construction - Siltation ; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides Urban Runoff/Storm Sewers - Nutrients; Removal of Vegetation - Other Habitat Alterations; Bank Modifications - Other Habitat Alterations Source Unknown - Pathogens
00425264 01171600 01171600 00425264 00425264 01170184 01187609 01209053 01192514	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek Shouse Run Monongahela River Girtys Run	05030101000066 050301010003643 05020005002128 05030101001489 0503010100084 0503010100084 05030101000084 05030105000616 05030105000616 05030105000597 05030101000352 05030101000553 05020005000697 05030101003656 05010009000177 05010009000177 05010009000177 05010009000717 05010009000737	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011 1/31/2007 6/26/2002 10/12/2006 7/24/2003 6/20/2002 12/4/1997 9/23/2004 7/29/2011 7/21/1998 10/27/1998 12/19/2007 6/8/1999	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - Poth ; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Pothogens Urban Runoff/Storm Sewers - Siltation Frosion from Derelict Land - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides Channelization - Siltation Source Unknown - Pathogens Petroleum Activities - pH; Abandoned Mine Drainage - Metals Petroleum Activities - pH; Abandoned Mine Drainage - Metals
00425264 01171600 01171600 00425264 00425264 01170184 01187609 01209053 01192514	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek Shouse Run Monongahela River Girtys Run	05030101000066 050301010003643 05020005002128 05030101001489 0503010100084 0503010100084 05030101000087 05030101000072 05030101000072 05030101000972 05030101000972 05030101000972 05030101000972 05030101000972 05030101000997 05030101003656 05010009000931 05020005000667 05010009000107 05010009000107 05010009000107 0501000900017 0501000900017	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 3/2/2011 1/31/2007 6/26/2002 10/12/2006 7/24/2003 7/17/2003 6/20/2002 12/4/1997 8/1/1997 9/23/2004 7/29/2011 7/21/1998 12/19/2007 6/8/1999 12/19/2007	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Aquatic Life Recreational	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Positiation Frosion from Derelict Land - Siltation Erosion from Derelict Land - Siltation Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Suspended Solids Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned M
00425264 01171600 01171600 00425264 00425264 01170184 01187609 01209053 01192514	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek Shouse Run Monongahela River Girtys Run	05030101000066 050301010003643 05020005002128 05030101001489 05030101000084 05030101000084 05030101000072 05030101000072 05030101000072 05030101000072 05030101000553 05020005000697 05030101003656 0501000900031 05020005000697 05030101003656 0501000900017 0501000900017 0501000900017 0501000900017 05010009000160 0501000900161	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011 1/31/2007 6/26/2002 10/12/2006 7/24/2003 7/17/2003 6/20/2002 12/4/1997 9/23/2004 7/29/2011 7/21/1998 12/19/2007 12/19/2007 12/19/2007	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life Fish Consumption Aquatic Life Recreational Recreational Recreational Recreational Recreational Recreational Recreational Recreational	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Silinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dixins; Source Unknown - PCB Source Unknown - Pothy Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides Construction - Siltation; Siltation - Siltation - Other Habitat Alterations; Bank Modifications - Other Habitat Alterations; Bource Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens
00425264 01171600 01171600 00425264 00425264 01170184 01187609 01209053 01192514	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek Shouse Run Monongahela River Girtys Run	05030101000066 050301010003643 05020005002128 05030101001489 0503010100084 0503010100084 05030105000616 05030105000616 0503010500067 0503010100072 0503010100072 0503010100075 05030101000553 0502005000697 05030101003656 0501000900091 05010009000107 0501000900107 0501000900017 0501000900017 0501000900071 0501000900071 0501000900071 0501000900071 0501000900071 0501000900071 0501000900071 0501000900071 0501000900071	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011 1/31/2007 6/26/2002 10/12/2006 7/24/2003 7/17/2003 6/20/2002 12/4/1997 8/1/1999 12/19/2007 12/19/2007 12/19/2007 12/19/2007 7/21/1999 12/19/2007 7/21/1999	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Silitation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pothogens Urban Runoff/Storm Sewers - Siltation Erosion from Derelict Land - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Metals Construction - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides Channelization - Siltation Source Unknown - Pathogens Urban Runoff/Storm Sewers - Nutrients; Removal of Vegetation - Other Habitat Alterations; Bank Modifications - Other Habitat Alterations Source Unknown - Pathogens Petroleum Activities - ph; Abandoned Mine Drainage - Metals Source Unknown - Pathogens Petroleum Activities - ph; Abandoned Mine Drainage - Metals Source Unknown - Pathogens Land Development - Siltation; Urban Runoff/Storm
00425264 01171600 01171600 00425264 00425264 01170184 01187609 01209053 01192514	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek Shouse Run Monongahela River Girtys Run	05030101000066 050301010003643 05020005002128 05030101001489 050301010001489 05030101000084 05030101000084 05030101000072 05030101000072 05030101000072 05030101000553 05030105000697 05030105000697 05030101000553 05020005000697 050301010009000931 0502000500006 05010009000107 05010009000107 05010009000107 05010009000161 05010009000160 05010009000160 05010009000161	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 3/2/2011 1/31/2007 6/26/2002 10/12/2006 7/24/2003 7/17/2003 6/20/2002 12/4/1997 8/1/1997 9/23/2004 7/29/2011 7/21/1998 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 7/21/1998 12/19/2007	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Recreational Recreational Recreational Requatic Life Recreational Recreational Requatic Life Recreational Requatic Life Recreational Requatic Life Recreational Requatic Life Recreational	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Frosion from Derelict Land - Siltation Frosion from Derelict Land - Siltation Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides Construction - Siltation; Sewers - Nutrients; Removal of Vegetation - Other Habitat Alterations; Bank Modifications - Other Habitat Alterations Source Unknown - PCB Urban Runoff/Storm Sewers - Nutrients; Removal of Vegetation - Other Habitat Alterations; Bank Modifications - Other Habitat Alterations Source Unknown - Pathogens Petroleum Activities - pH; Abandoned Mine Drainage - Metals Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens
00425264 01171600 01171600 00425264 00425264 01170184 01187609 01209053 01192514	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek Shouse Run Monongahela River Girtys Run	05030101000066 050301010003643 05020005002128 05030101001489 050301010001489 05030101000084 05030101000084 05030101000072 05030101000072 05030101000072 05030101000072 05030101000072 05030101000553 05020005000697 05030101003656 0501000900031 0502000500006 05010009000107 05010009000107 0501000900017 0501000900017 0501000900017 05010009000161 05010009000161 05010009000161 05010009000195	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2003 3/2/2011 1/31/2007 6/26/2002 10/12/2006 7/24/2003 7/17/2003 6/20/2002 12/4/1997 8/1/1998 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life Fish Consumption Aquatic Life Recreational Recreational Recreational Recreational Recreational Recreational Aquatic Life Recreational Recreational Aquatic Life Recreational Aquatic Life Recreational Recreational Aquatic Life Recreational Aquatic Life Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage
01171600 01171600 01171600 00425264 00425264 01170184 01187609	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek Shouse Run Monongahela River Girtys Run Girtys Run	05030101000066 050301010003643 05020005002128 05030101001489 0503010100084 0503010100084 0503010100084 05030101000084 05030101000072 05030101000072 0503010100072 05030101000553 05030101000553 05020005000697 05030101003656 05010009000931 05020005001984 0502000500006 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011 1/31/2007 6/26/2002 10/12/2006 7/24/2003 7/17/2003 6/20/2002 12/4/1997 12/19/2007	Recreational Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Aquatic Life Aquatic Life Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Road Runoff - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Suspended Solids Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides Channelization - Siltation Source Unknown - PCB Urban Runoff/Storm Sewers - Nutrients; Removal of Vegetation - Other Habitat Alterations; Bank Modifications - Other Habitat Alterations Source Unknown - Pathogens Aband
01171600 01171600 01171600 00425264 00425264 01170184 01187609 01209053 01192514 01192514	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek Shouse Run Monongahela River Girtys Run Girtys Run Allegheny River	05030101000066 05030101003643 05020005002128 05030101001489 050301010001489 05030101000084 05030101000084 05030101000072 05030101000072 05030101000072 05030101000073 05030101000553 05030105000697 05030101000553 05020005001984 05020005001984 05020005001984 05020005001984 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 6/21/2005 3/2/2011 1/31/2007 6/26/2002 10/12/2006 7/24/2003 7/17/2003 6/20/2002 12/4/1997 8/1/1999 12/19/2007 12/1998 12/19/2007	Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life Requatic Life Aquatic Life Aquatic Life Recreational Recreational Recreational Recreational Aquatic Life Recreational	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Torganic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Torganic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Torganic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Torganic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Durban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Removal of Vegetation - Other Habitat Alterations; Bank Modifications - Other Habitat Alterations - Other Habitat Alterations; Bank Modifications - Other Habitat Alterations; Bank Modifications - Other Habitat Alterations - Other Hab
01171600 01171600 01171600 00425264 00425264 01170184 01187609	Ohio River Chartiers Creek Chartiers Creek Ohio River Ohio River Breakneck Creek Shouse Run Monongahela River Girtys Run Girtys Run	05030101000066 050301010003643 05020005002128 05030101001489 0503010100084 0503010100084 0503010100084 05030101000084 05030101000072 05030101000072 0503010100072 05030101000553 05030101000553 05020005000697 05030101003656 05010009000931 05020005001984 0502000500006 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107 05010009000107	1/31/2007 11/4/2003 6/20/2002 11/25/1997 9/2/1997 1/11/2002 3/2/2011 1/31/2007 6/26/2002 10/12/2006 7/24/2003 7/17/2003 6/20/2002 12/4/1997 8/1/1997 9/23/2004 7/29/2011 7/21/1999 12/19/2007 1/11/2002	Recreational Aquatic Life Aquatic Life Aquatic Life Fish Consumption Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Aquatic Life Aquatic Life Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane Small Residential Runoff - Siltation; Road Runoff - Siltation Source Unknown - Dioxins; Source Unknown - PCB Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation Road Runoff - Siltation Municipal Point Source - Suspended Solids; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Metals - Abandoned Mine Drainage

O1188066 S	Waterbody Name	Reach Code 05010009001016	Date	Stream Assessment	Source
01188066 S			0/26/1007		
01188066			0/26/1007		
01188066				Aquatic Life	Construction - Siltation ; Construction - Other Habitat Alterations ; Construction - Turbidity ; Urban Runoff/Storm Sewers - Siltation
01188066 5		05020005000671	9/24/2004	Aquatic Life	Bank Modifications - Siltation
	South Fork Montour Run	05030101001511		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Habitat Modification - Siltation
		05020006001702	6/9/2003	Aquatic Life	Abandoned Mine Drainage - Metals
 		05030101003384	6/27/2002	Aquatic Life	Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Road Runoff - Siltation
		03030101003384	0/2//2003	Aquatic Life	Orban Kunonystorm Sewers - Sittation , Orban Kunonystorm Sewers - Organic Enficimienty tow b.o. , Koad Kunon - Sittation
		05030101003390		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Removal of Vegetation - Siltation; Road Runoff - Siltation
		05020005002009 05020005002009		Recreational	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
-		03020003002009	4/20/2002	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic
		05020005002031	6/20/2002	Aquatic Life	Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
			. / /		
01183937 F	Piney Fork	05020005002145 05020005001585		Aquatic Life Recreational	Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Source Unknown - Pathogens
	Piney Fork	05020005001385		Aquatic Life	Urban Runoff/Storm Sewers - Siltation
	Lick Run	05020005001580		Recreational	Source Unknown - Pathogens
01192779 L	Lick Run	05020005001580		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
\vdash		05020005002074	5/3/2002	Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Metals
01183212 F	Painters Run	05030101001876	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
		05030101004263	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
		05030101004323	10/1/1907	Aquatic Life	Hydromodification - Water/Flow Variability ; Habitat Modification - Siltation ; Habitat Modification - Turbidity
01183625 P	Peters Creek	05020005000443		Potable Water Supply	Source Unknown - Pathogens
	Peters Creek	05020005000443		Recreational	Source Unknown - Pathogens
04403635		05020005000442	2/20/4000	A	Small Residential Runoff - Nutrients; Small Residential Runoff - Siltation; Bank Modifications - Nutrients; Bank Modifications - Other Habita
01183625 F	Peters Creek	05020005000443	3/30/1999	Aquatic Life	Alterations Agriculture - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers -
		05020005002101	6/20/2002	Aquatic Life	Organic Enrichment/Low D.O.
01169078 E	Beckets Run	05020005001660		Aquatic Life	Abandoned Mine Drainage - Metals
04400705 /		05020005001805		Aquatic Life	Channelization - Siltation
01183705 F	Piersons Run	05020005000661 05020005001903		Aquatic Life Aquatic Life	Abandoned Mine Drainage - Siltation Bank Modifications - Siltation
		05020006001682		Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Other Habitat Alterations
		05020005001889	9/24/2004	Aquatic Life	Bank Modifications - Siltation
					Control Cilettic Control Contr
		05010009000944	8/1/1997	Aquatic Life	Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides
01183937 F	Piney Fork	05020005001584		Recreational	Source Unknown - Pathogens
01183937 P	Piney Fork	05020005001584	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
					Combined Sewer Overflow - Nonpriority Organics ; Combined Sewer Overflow - Unionized Ammonia ; Combined Sewer Overflow -
01182465 N	Ninemile Run	05020005000549	12/8/2011	Aquatic Life	Water/Flow Variability; Urban Runoff/Storm Sewers - Nonpriority Organics; Urban Runoff/Storm Sewers - Unionized Ammonia; Urban Run
		05020005001852	9/23/2004	Aquatic Life	Source Unknown - Siltation
	Monongahela River	05020005000002		Potable Water Supply	Source Unknown - Pathogens
	Monongahela River Monongahela River	05020005000002 05020005000003		Fish Consumption Potable Water Supply	Source Unknown - PCB Source Unknown - Pathogens
	Monongahela River	05020005000003		Fish Consumption	Source Unknown - PCB
01550003 N	Monongahela River	05020005000003	8/29/2011	Aquatic Life	Source Unknown - Osmotic Pressure
01102625	Peters Creek	05020005000442	2/20/1000	Agustic Life	Industrial Point Source - Priority Organics; Municipal Point Source - Organic Enrichment/Low D.O.; Removal of Vegetation - Other Habitat Alterations
	Peters Creek	05020005000442		Aquatic Life Potable Water Supply	Source Unknown - Pathogens
	Peters Creek	05020005000442		Recreational	Source Unknown - Pathogens
01550003 N	Monongahela River	05020005000009	7/29/2011	Fish Consumption	Source Unknown - PCB
01550003 N	Manangahala Piyar	05020005000000	4/5/2010	Potable Water Supply	Abandoned Mine Prainage - Other Inorganics : Subsurface Mining - Other Inorganics : Industrial Point Source - Other Inorganics
01330003 II	Monongahela River	05020005000009 05010009000111		Potable Water Supply Aquatic Life	Abandoned Mine Drainage - Other Inorganics; Subsurface Mining - Other Inorganics; Industrial Point Source - Other Inorganics Urban Runoff/Storm Sewers - Nutrients
01185088 F	Rinaman Run	05010009000149		Recreational	Source Unknown - Pathogens
\vdash		05010009000132		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01180617 N	McCaskin Run	05010009000132 05010009000127		Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Nutrients
	McCaskin Run	05010009000127		Recreational	Source Unknown - Pathogens
		05010009000801	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01175965	Courdboad P	05010009000801		Recreational	Source Unknown - Pathogens Source Unknown - Pathogens
01175865	Gourdhead Run	05010009000121 05010009000162		Recreational Recreational	Source Unknown - Pathogens Source Unknown - Pathogens
01175865	Gourdhead Run	05010009000102		Recreational	Source Unknown - Pathogens
					-
\vdash		05010009000169 05010009000574		Aquatic Life Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Golf Courses - Pesticides ; Golf Courses - Organic Enrichment/Low D.O. Urban Runoff/Storm Sewers - Nutrients
 		05010009000574		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01186943	Sandy Creek	05010009000490	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000590		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
 		05010009000591 05020005001878		Aquatic Life Aquatic Life	Urban Runoff/Storm Sewers - Nutrients Bank Modifications - Siltation
 		03020003001878	3/24/2004	riquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Removal of Vegetation - Other Habitat Alterations ; Bank Modifications - Other Habitat Alterations
01180764 N	McKnight Run	05010009000714		Aquatic Life	Road Runoff - Oil and Grease
		05010009000469	7/6/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease
01100000	Courth Fork * *	05020101001511		Aquatic Life	Hirhan Punoff/Storm Square - Organic Enrichment/Low D.O Abandonad Mino Prainage - Adababa - Habitas Adadis-
01188066 S	South Fork Montour Run	05030101001511 05010009000955		Aquatic Life Recreational	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Habitat Modification - Siltation Source Unknown - Pathogens
00425264	Ohio River	05030101000066		Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
0042526	Ohio River	05030101000066		Recreational	Source Unknown - Pathogens
00425264		05030101001874		Fish Consumption	Source Unknown - PCB ; Source Unknown - Dioxins Source Unknown - Pathogens
00425264 (
00425264 (05030101001874	1/31/2007	Recreational	Urban Runoff/Storm Sewers - Nutrients ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; On site

	1			Appe	ndix C - impaired waters
GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		05030101001520		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05030101001520		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		05030101001315	9/2/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation
01180606	McCabe Run	05030101001528		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Road Runoff - Siltatior
01192945	Millers Run	05030101001325		Aguatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05030101003569		Aquatic Life	Road Runoff - Siltation
		05030101001637		Aquatic Life	Abandoned Mine Drainage - Metals
				,	· ·
		05030101001486	10/1/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation ; Habitat Modification - Other Habitat Alterations
01188344	Spruce Run	05030101001291	6/27/2003	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Removal of Vegetation - Siltation; Road Runoff - Siltation
		05030101004112	11/25/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability
01180625	McClarens Run	05030101001517		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Habitat Modification - Siltation
		05030101000474	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
					Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ;
		05030101001295	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Siltation
					Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned
		05030101001323		Aquatic Life	Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients ; Habitat Modification - Siltation
01180606	McCabe Run	05030101003517		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Road Runoff - Siltatior
		05020005001907	5/19/2004	Aquatic Life	Abandoned Mine Drainage - pH
		05030101003687		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
01173359	Dolphin Run	05030101001339	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05030101003409	7/11/2003	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Removal of Vegetation - Siltation; Road Runoff - Siltation
		05030101010924	12/4/1907	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Suspended Solids; Abandoned Mine Drainage - Siltation
		03030101010924	12/4/199/	, quant LIIC	Combined Sewer Overflow - Nutrients ; Combined Sewer Overflow - DO/BOD ; Urban Runoff/Storm Sewers - Water/Flow Variability ;
01187035	Sawmill Run	05030101000494	11/25/1997	Aguatic Life	Abandoned Mine Drainage - Metals
01187033	Pine Creek	05010009000150		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000150		Recreational	Source Unknown - Pathogens
			, , , , ,		Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandone
01171600	Chartiers Creek	05030101000073	12/4/1997	Aguatic Life	Mine Drainage - Suspended Solids
01171600	Chartiers Creek	05030101000073	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
				· ·	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandone
01171600	Chartiers Creek	05030101000073	12/4/1997	Aquatic Life	Mine Drainage - Suspended Solids
01171600	Chartiers Creek	05030101000073	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
					Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ;
		05030101003907		Aquatic Life	Abandoned Mine Drainage - Siltation
		05030101003962		Aquatic Life	Erosion from Derelict Land - Siltation
01209386	Allegheny River	05010009000006		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01209386	Allegheny River	05010009000007		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01188872	Streets Run	05020005000474		Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
01192779	Lick Run	05020005001580 05020005001580		Recreational	Source Unknown - Pathogens
01192779	Lick Run			Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Agriculture - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers -
		05020005002096		Aquatic Life	Organic Enrichment/Low D.O.
01192779	Lick Run	05020005001580		Recreational	Source Unknown - Pathogens
01192779	Lick Run	05020005001580		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
01172072	Coal Run	05030101000410	9/2/199/	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation
					Bank Modifications - Other Habitat Alterations ; Bank Modifications - Siltation ; Bank Modifications - Suspended Solids ; Removal of
01179241	Lewis Run	05020005001575	6/2/2009	Aquatic Life	Vegetation - Other Habitat Alterations; Removal of Vegetation - Siltation; Removal of Vegetation - Suspended Solids; R
01179241	Lewis Run	05020005001575		Recreational	Source Unknown - Pathogens
011/52/1	ECWIS Nam	03020003001373	12/3/2011	neer eational	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandone
01171600	Chartiers Creek	05030101000073	12/4/1997	Aquatic Life	Mine Drainage - Suspended Solids
01171600	Chartiers Creek	05030101000073		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05030105000615	7/9/2002	Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Siltation
		05030101004279	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
01192945	Millers Run	05030101001325	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
					Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ;
		05030101001320	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Siltation
		05000	7/0-/		Road Runoff - Siltation; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Removal of
01102040	Dinkortor - Dur	05030101003364		Aquatic Life	Vegetation - Siltation
01183948	Pinkertons Run	05030101004029 05030101003718		Aquatic Life	Source Unknown - Cause Unknown Urban Runoff (Storm Source - Siltation
		05030101003718		Aquatic Life Aquatic Life	Urban Runoff/Storm Sewers - Siltation Road Runoff - Siltation
		05030101010934		Recreational	Source Unknown - Pathogens
		03010003000130	12/13/200/	ned cadollal	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ;
		05030101003988	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Siltation
		05030101001272	7/31/2003	Aquatic Life	Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation
		05030101001272		Aquatic Life	Road Runoff - Siltation
			,, _ 200		Agriculture - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers -
in the second		05020005002091	6/20/2002	Aquatic Life	Organic Enrichment/Low D.O.
		05020005001837	9/23/2004	Aquatic Life	Channelization - Siltation
		05020005000691		Aquatic Life	Natural Sources - Siltation
01160000	Abers Creek	05020005000653		Aquatic Life	Channelization - Flow Alterations
01168028		05020005001918		Aquatic Life	Bank Modifications - Siltation
01108078				Aquatic Life	Abandoned Mine Drainage - pH
011080158		05020005001919			
U1108U28		05020005001919 05020005001967	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
01108028		05020005001919 05020005001967 05020005002037	2/28/2008 7/28/2010	Aquatic Life Recreational	Source Unknown - Pathogens
011080128		05020005001919 05020005001967 05020005002037 05020005002037	2/28/2008 7/28/2010 4/26/2002	Aquatic Life Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
011080128		05020005001919 05020005001967 05020005002037 05020005002037 05020005002038	2/28/2008 7/28/2010 4/26/2002 7/28/2010	Aquatic Life Recreational Aquatic Life Recreational	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals Source Unknown - Pathogens
01108028		05020005001919 05020005001967 05020005002037 05020005002037 05020005002038 05020005002038	2/28/2008 7/28/2010 4/26/2002 7/28/2010 4/26/2002	Aquatic Life Recreational Aquatic Life Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Source Unknown - Pathogens Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
U1108U28		05020005001919 05020005001967 05020005002037 05020005002037 05020005002038 05020005002038	2/28/2008 7/28/2010 4/26/2002 7/28/2010 4/26/2002 7/28/2010	Aquatic Life Recreational Aquatic Life Recreational Aquatic Life Recreational Aquatic Life Recreational	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Source Unknown - Pathogens Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Source Unknown - Pathogens
U1108U28		05020005001919 05020005001967 05020005002037 05020005002037 05020005002038 05020005002038	2/28/2008 7/28/2010 4/26/2002 7/28/2010 4/26/2002 7/28/2010	Aquatic Life Recreational Aquatic Life Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Source Unknown - Pathogens Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals

				Appei	ndix C - Impaired Waters
GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
	,	05020005002068	7/20/2010	Recreational	Course Halvanus, Datharasa
		05020005002068		Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation
01183937	Piney Fork	05020005002008		Recreational	Source Unknown - Pathogens
	Piney Fork	05020005001585		Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01103337	r mey r or k	05030101001520	3/23/2010	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
01181499	Moon Run	05030101001875		Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Metals
01180774	McLaughlin Run	05030101004446	10/2/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation ; Habitat Modification - Turbidity
					Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ;
		05030101001320		Aquatic Life	Abandoned Mine Drainage - Siltation
01175917	Graesers Run	05030101001484	10/2/1997	Aquatic Life	Habitat Modification - Nutrients; Habitat Modification - Siltation; Habitat Modification - Turbidity Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned
		05030101001489	11/25/1007	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Sitation ; Abandoned Mine Drainage - Salinity i DS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05030101001489		Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
		05020005000684		Aquatic Life	Channelization - Siltation
01176379	Half Crown Run	05030101001312	11/24/1997		Abandoned Mine Drainage - Metals ; Natural Sources - Siltation
01187035	Sawmill Run	05030101000495	11/26/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability
		05030101004176	11/25/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability
					Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned
		05030101004187		Aquatic Life	Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients ; Habitat Modification - Siltation
		05030101003466		Aquatic Life	Road Runoff - Siltation
	ļ	05030101003962		Aquatic Life	Erosion from Derelict Land - Siltation
		05030101001316		Aquatic Life	Abandoned Mine Drainage - Metals Habitat Modification - Nutrients ; Habitat Modification - Siltation
-		05030101004556 05020005000670		Aquatic Life Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation Bank Modifications - Siltation
01177327	Homestead Run	05020005000670		Aquatic Life Aquatic Life	Bank Modifications - Siltation Abandoned Mine Drainage - Siltation ; Channelization - Siltation
J11//32/	nomestedu Nun	03020003001007	ə/24/2004	, iquatic site	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic
		05020005002026	6/20/2002	Aquatic Life	Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
01550003	Monongahela River	05020005000011		Fish Consumption	Source Unknown - PCB
	g		.,,		
01550003	Monongahela River	05020005000011	4/5/2010	Potable Water Supply	Abandoned Mine Drainage - Other Inorganics ; Subsurface Mining - Other Inorganics ; Industrial Point Source - Other Inorganics
01550003	Monongahela River	05020005001639		Fish Consumption	Source Unknown - PCB
				,	
01550003	Monongahela River	05020005001639	4/5/2010	Potable Water Supply	Abandoned Mine Drainage - Other Inorganics ; Subsurface Mining - Other Inorganics ; Industrial Point Source - Other Inorganics
01188366	Squaw Run	05010009000086	7/13/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Golf Courses - Pesticides ; Golf Courses - Organic Enrichment/Low D.O.
01188366	Squaw Run	05010009000087		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Golf Courses - Pesticides ; Golf Courses - Organic Enrichment/Low D.O.
01192514	Girtys Run	05010009000107		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000791		Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01200052	Managanhala Dissa	05010009000163 05020005000008		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01209053	Monongahela River	05010009000797		Fish Consumption Aquatic Life	Source Unknown - PCB Urban Runoff/Storm Sewers - Nutrients
01175865	Gourdhead Run	05010009000797		Recreational	Source Unknown - Pathogens
	Pine Creek	05010009000069		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000069		Recreational	Source Unknown - Pathogens
01192337	Deer Creek	05010009000099		Aquatic Life	Removal of Vegetation - Nutrients ; Removal of Vegetation - Siltation
		05010009000831	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; On site Wastewater - Organic Enrichment/Low D.O
		05010009000831		Recreational	Source Unknown - Pathogens
01184558	Quigley Creek	05010009000577		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000578	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
					Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned
01174586	Fallen Timber Run	05020005000384		Aquatic Life	Mine Drainage - Metals
01100043	Carado Carado	05010009000491		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01186943	Sandy Creek	05010009000490 05010009000589		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
		05010009000589	6/15/1999	Aquatic Life	Ordan Kunon/storm Sewers - Nutrients , Ordan Kunon/storm Sewers - Sittation
					Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned
01179524	Little Deer Creek	05010009000178	8/1/1997	Aguatic Life	Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
		05020005001903		Aquatic Life	Bank Modifications - Siltation
01189509	Thompson Run	05020005001947		Aquatic Life	Abandoned Mine Drainage - Metals
01209053	Monongahela River	05020005000010	7/29/2011	Fish Consumption	Source Unknown - PCB
01209053	Monongahela River	05020005000010		Potable Water Supply	Abandoned Mine Drainage - Other Inorganics ; Subsurface Mining - Other Inorganics ; Industrial Point Source - Other Inorganics
		05020005001886		Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Siltation
04472000	0	05020005001886		Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Siltation
01172838	Cunningham Run	05010009000194		Aquatic Life	Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations
-		05010009000940		Aquatic Life	Construction - Siltation
		05020005001904 05010009000917		Aquatic Life Aquatic Life	Bank Modifications - Siltation Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01179641	Little Plum Creek	05010009000917		Aquatic Life Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
311/3041		05020005001984		Aquatic Life	Channelization - Siltation
01184110	Plum Creek	05010009000085		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
01188872	Streets Run	05020005000475		Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
		05010009000682		Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
01172771	Crouse Run	05010009000130		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01172771	Crouse Run	05010009000130		Recreational	Source Unknown - Pathogens
		05030101004311		Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05010009000837		Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
01172771	Crouse Run	05010009000128		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01172771	Crouse Run	05010009000128	12/19/2007	Recreational	Source Unknown - Pathogens
01171000	Chartiers C!	05020404000000	0/2/400=	Agustic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage -
01171600 01171600	Chartiers Creek Chartiers Creek	05030101000090 05030101000090		Aquatic Life Fish Consumption	Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity Source Unknown - PCB ; Source Unknown - Chlordane
J11/1000	Guardera CICCN	05030101000090		Aquatic Life	Channelization - Siltation
		03020003000003	5/23/2004		Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned
1		05020005006022	6/20/2002	Aquatic Life	Mine Drainage - Metals
	•				-

					Appe	ndix C - Impaired Waters
	GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		,	05020101002608	11/4/2002	Aguatic Life	Linhan Dunoff (Storm Sowers - Siltation
1977 1979			05050101001470	10/1/1557	Aquatic Life	
	01171600	Chartiers Creek	05030101000077	12/4/1997	Aquatic Life	
	01171600	Chartiers Creek	05030101000077	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
1.1016/16 1.10						
Miles						
1200245 Section Content			05010009001005	12/19/2007	Recreational	Source Unknown - Pathogens
1200245 Section Content			05020005000007	6 /20 /2002	A	
	01170104	Brooknock Crook				
	01170164	Diedklieck Creek	05050105000597	6/26/2002	Aquatic Life	Orban Kullun/Sturm Sewers - Silitation
						Removal of Vegetation - Siltation ; Removal of Vegetation - Other Habitat Alterations ; Removal of Vegetation - Suspended Solids ; Bank
Control Cont			05020005002024	3/30/1999	Aquatic Life	
						Source Unknown - Pathogens
\$1,000,000,000,000,000,000,000,000,000,0						Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic
2017/25/25/25/25/25/25/25/25/25/25/25/25/25/						· · · · · · · · · · · · · · · · · · ·
11/25/1799						
1995 1995	01172724	Crooked Run	05020005000537	9/23/2004	Aquatic Life	Bank Modifications - Siltation
1995 1995			05020101002006	11/25/1007	Agustic Life	Combined Source Overflow, Nutrients a Combined Source Overflow, DO/DOD a Usban Buseff/Storm Source, Water/Flow Variability
1119199	00595217	Voughiogheny River				
	00333217	roughlogherry raver	0302000000007	3/23/2000	Aquatic Life	Source officially with the source of the sou
	01181499	Moon Run	05030101001875	1/2/1999	Aguatic Life	Abandoned Mine Drainage - pH; Abandoned Mine Drainage - Suspended Solids; Abandoned Mine Drainage - Metals
				. , =====		
	01171600	Chartiers Creek				Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
	01171600	Chartiers Creek				·
1995 Peter Code						
			05030105000548	6/21/2005	Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown
	01192625	Potors Crook	05020005000440	6/20/2002	Aguatic Life	Abandanad Mina Drainaga - Matala - Urban Bunoff/Storm Square - Organic Enrichment/1 D. O Urban Bunoff/Storm Square - Organic Enrichment/1 D. O.
						ů
					· •	
Summary Too Construct Creek						
11710003 Darker Creek						Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage -
1119139 Brush Creek	01171600					
20052564 Direct Notes	01171600	Chartiers Creek	05030101000083	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
20052564 Direct Notes	04470400	D. J. C. J.	05000405000500	0/40/2002	A	
Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Sillation; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage						
	00423204	Olilo Mivel	05050101000000	1/31/2007	necreational	
	01171600	Chartiers Creek	05030101000077	12/4/1997	Aguatic Life	
	01171600					ů i
	01191105	West Run	05020005001935	9/24/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
	01191105	West Run	05020005001935	3/2/2011	Fish Consumption	Source Unknown - PCB
			05030101001637	6/4/2004	Aquatic Life	Abandoned Mine Drainage - Metals
OS01009900931	04404476		05000404004505		A	
	01181476	Montour Run	05030101001505		Aquatic Life	D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A
						Construction - Siltation · Construction - Flow Alterations · Construction - Turbidity · Subsurface Mining - Salinity/TDS/Chlorides · Abandoned
			05010009000931	8/1/1997	Aquatic Life	
	00425264	Ohio River	05030101000068	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
0501009900157 12/19/2007 Recreational Source Unknown - Pathogens	00425264	Ohio River	05030101000068	1/31/2007	Recreational	Source Unknown - Pathogens
	01172838	Cunningham Run				
			05010009000157	12/19/2007	Kecreational	Source Unknown - Pathogens
			0501000000000	7/20/1007	Aquatic Life	Agriculture - Nutrients - Agriculture - Siltation - Construction - Siltation - Abandoned Mire Praisege - Saliaity/TDS/Chlorides
	01172771	Crouse Run				
Dilago D	01183937	Piney Fork				
Display	01183937					ů
Display			05030101003586		Aquatic Life	
Ditable Dita	01185234	Robinson Run				
Display Disp						
D5030101003654 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals					· •	
05030101003663 10/10/2006 Aquatic Life Habitat Modification - Siltation 01183625 Peters Creek 0502005000445 6/20/2002 Aquatic Life Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Siltation 05020005000445 11/18/2009 Recreational Source Unknown - Pathogens 05020005002127 6/20/2002 Aquatic Life Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation 05020005000473 2/28/2008 Aquatic Life Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation 05020005001820 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation 05020005001820 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation 05020005000500 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation 05020005000500 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation 05020005000500 9/22/2004 Aquatic Life Water/Flow Variability ; Urban Runoff/Storm Sewer - Nonpriority Organics ; Combined Sewer Overflow - Unionized Ammonia ; Combined Sewer Overflow - Water/Flow Variability ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/	U118U617	IVICCASKIN Run		12/19/2007		
Peters Creek 05020005000445 6/20/2002 Aquatic Life Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Siltation Source Unknown - Pathogens 0502000500045 11/18/2009 Recreational Source Unknown - Pathogens 05020005002127 6/20/2002 Aquatic Life Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation 0502000500043 2/28/2008 Aquatic Life Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation 05020005001820 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation 05020005001820 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation 05020005000549 12/8/2011 Aquatic Life Water/Flow Variability ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Combined Sewer Overflow - Unionized Ammonia ; Combined Sewer Overflow - Water/Flow Variability ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Nonprio				10/10/2006		
D1183625 Peters Creek 0502005000445 11/18/2009 Recreational Source Unknown - Pathogens 05020005002127 6/20/2002 Aquatic Life Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation 05020005001820 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation 05020005001820 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation 05020005001820 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation Combined Sewer Overflow - Nonpriority Organics ; Combined Sewer Overflow - Unionized Ammonia ; Combined Sewer Overflow - Water/Flow Variability ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - U			22020101002003	10/10/2006	, quant LITE	TOURS TOURS OF STREET
D1183625 Peters Creek 0502005000445 11/18/2009 Recreational Source Unknown - Pathogens 05020005002127 6/20/2002 Aquatic Life Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation 05020005001820 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation 05020005001820 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation 05020005001820 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation Combined Sewer Overflow - Nonpriority Organics ; Combined Sewer Overflow - Unionized Ammonia ; Combined Sewer Overflow - Water/Flow Variability ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - U	01183625	Peters Creek	05020005000445	6/20/2002	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Siltation
0502005002127 6/20/2002 Aquatic Life Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals (Drainage - Metals); Urban Runoff/Storm Sewers - Siltation 0502005001820 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation 0502005001820 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation 0502005001820 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation 0502005001820 9/22/2004 Aquatic Life Combined Sewer Overflow - Nonpriority Organics; Combined Sewer Overflow - Unionized Ammonia; Combined Sewer Overflow - Water/Flow Variability; Urban Runoff/Storm Sewers - Nonpriority Organics; Urban Runoff/Storm Sewers - Unionized Ammonia; Urban Runoff/Storm Sewers - Siltation - Turbidity (Drainage - Siltation - Turbidity) 0502005000549 12/8/2011 Aquatic Life Construction - Siltation; Construction - Suspended Solids; Construction - Turbidity 0502005000549 9/3/1997 Aquatic Life Construction - Suspended Solids; Construction - Turbidity 0502005000549 12/8/2011 Aquatic Life Construction - Turbidity; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned	01183625					
Streets Run 05020005000473 2/28/2008 Aquatic Life Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation 05020005001820 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation Abandoned Mine Drainage - Siltation Combined Sewer Overflow - Nonpriority Organics ; Combined Sewer Overflow - Unionized Ammonia ; Combined Sewer Overflow - Outland Sewer Overflow - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban						
05020005001820 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation Combined Sewer Overflow - Nonpriority Organics ; Combined Sewer Overflow - Unionized Ammonia ; Combined Sewer Overflow - Water/Flow Variability ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia						
Combined Sewer Overflow - Nonpriority Organics ; Combined Sewer Overflow - Unionized Ammonia ; Combined Sewer Overflow - Water/Flow Variability ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Nonpri	01188872	Streets Run				
01182465 Ninemile Run 05020005000549 12/8/2011 Aquatic Life Water/Flow Variability ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Unioniz			05020005001820	9/22/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
01182465 Ninemile Run 05020005000549 12/8/2011 Aquatic Life Water/Flow Variability ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runoff/Storm Sewers - Unioniz						
D1172072 Coal Run 05030101000409 9/3/1997 Aquatic Life Construction - Siltation ; Construction - Suspended Solids ; Construction - Turbidity Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned	01102405	Ninomilo P	05030005000540	13/0/301	Aquatic Life	
Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned						
	U11/2U/2	coai nuii	03030101000409	3/3/199/	nquatic tile	construction Situation, Construction - Suspended Solids , Construction - Turbuity
						Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals : Abandoned Mine Drainage - Salinity/TDS/Chlorides : Abandoned
			05030101001323	8/29/1997	Aquatic Life	

	ı	1		Appe	naix C - impaired waters
GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
01188066	South Fork Montour Run	05030101001511		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Habitat Modification - Siltation
					Abandoned Mine Drainage - Metals ; On site Wastewater - Nutrients ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine
01180606	McCabe Run	05030101004491 05030101001528		Aquatic Life Aquatic Life	Drainage - Salinity/TDS/Chlorides ; Source Unknown - Cause Unknown Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Road Runoff - Siltatior
00425264	Ohio River	05030101001328		Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101002065		Recreational	Source Unknown - Pathogens
		05030101003702		Aquatic Life	Habitat Modification - Siltation
					Industrial Point Source - Priority Organics ; Municipal Point Source - Organic Enrichment/Low D.O. ; Removal of Vegetation - Other Habitat
01183625	Peters Creek	05020005000442		Aquatic Life	Alterations
01183625	Peters Creek	05020005000442		Potable Water Supply	Source Unknown - Pathogens
01183625	Peters Creek	05020005000442		Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Nutrients
01172771 01172771	Crouse Run Crouse Run	05010009000130 05010009000130	, .,	Recreational	Source Unknown - Pathogens
011/2//1	Crouse Ruii	05010009000130		Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009000065		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000065	12/19/2007	Recreational	Source Unknown - Pathogens
	Pine Creek	05010009000065		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000065		Recreational	Source Unknown - Pathogens
		05010009000163		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000163 05010009000805		Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Nutrients
		05010009000805		Recreational	Source Unknown - Pathogens
		03010003000003	12/13/2007	ned editorial	200 cc omnown - dangers
		05010009000806	7/29/1997	Aquatic Life	Small Residential Runoff - Nutrients ; Small Residential Runoff - Siltation ; Road Runoff - Nutrients ; Road Runoff - Siltation
		05010009000131	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000131		Recreational	Source Unknown - Pathogens
		05010009000812		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000812	12/19/2007	Recreational	Source Unknown - Pathogens
		05010000000107	6/12/2000	Aguatic Life	Small Decidential Punoff - Nutrients - Abandoned Mine Prainage - Cileation - Small Decidential Punoff - Cileation
-		05010009000197	0/13/2008	Aquatic Life	Small Residential Runoff - Nutrients ; Abandoned Mine Drainage - Siltation ; Small Residential Runoff - Siltation
		05010009000815	6/13/2008	Aquatic Life	Small Residential Runoff - Nutrients ; Abandoned Mine Drainage - Siltation ; Small Residential Runoff - Siltation
01179635	Little Pine Creek	05010009000813		Recreational	Source Unknown - Pathogens
		05010009000120		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; On site Wastewater - Organic Enrichment/Low D.O
01184110	Plum Creek	05010009000082	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
		05010009000570	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals
					Combined Sewer Overflow - Nutrients ; Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease ; Abandoned
01179641	Little Plum Creek	05010009000477		Aquatic Life	Mine Drainage - Metals
01192779	Lick Run	05020005006019 05020005001580		Aquatic Life Recreational	Bank Modifications - Siltation Source Unknown - Pathogens
	Lick Run	05020005001580		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01186943	Sandy Creek	05010009000489		Aquatic Life	Municipal Point Source - Chlorine ; Urban Runoff/Storm Sewers - Other Inorganics
		05010009000472		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000491	7/12/1999		Urban Runoff/Storm Sewers - Nutrients
		05010009000594	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05020005001937		Aquatic Life	Abandoned Mine Drainage - Metals
01209053	Monongahela River	05020005000010	7/29/2011	Fish Consumption	Source Unknown - PCB
01209053				Potable Water Supply	Abandoned Mine Drainage - Other Inorganics ; Subsurface Mining - Other Inorganics ; Industrial Point Source - Other Inorganics
		105020005000010	4/5/2010		
31203033	Monongahela River	05020005000010 05020005001984			Channelization - Siltation
01203033	Mononganeia River	05020005000010 05020005001984 05020005001937		Aquatic Life Aquatic Life	Channelization - Siltation Abandoned Mine Drainage - Metals
	Thompson Run	05020005001984		Aquatic Life	
	_	05020005001984 05020005001937	9/23/2004	Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals
01189509	Thompson Run	05020005001984 05020005001937 05020005001947 05010009000195 05010009000195	9/23/2004 4/7/2009 4/7/2009	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations
	_	05020005001984 05020005001937 05020005001947 05010009000195 05010009000195 0501000900003	9/23/2004 4/7/2009 4/7/2009 1/11/2002	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane
01189509	Thompson Run	05020005001984 05020005001937 05020005001947 05010009000195 05010009000195 0501000900003 05010009000054	9/23/2004 4/7/2009 4/7/2009 1/11/2002	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - Pathogens
01189509	Thompson Run	05020005001984 05020005001937 05020005001947 05010009000195 05010009000195 0501000900003 0501000900003 05020005001937	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals
01189509	Thompson Run	05020005001984 05020005001937 05020005001947 05010009000195 05010009000195 0501000900003 05010009000954 05020005001937 05010009000720	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Recreational	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens
01189509	Thompson Run	05020005001984 05020005001937 05020005001947 05010009000195 05010009000195 0501000900003 0501000900003 05020005001937	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals
01189509	Thompson Run Allegheny River	05020005001984 05020005001937 05020005001947 05010009000195 05010009000195 0501000900003 05010009000954 05020005001937 05010009000722 05010009000722	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Source Unknown - Pathogens
01189509	Thompson Run Allegheny River	05020005001984 05020005001937 05020005001947 05010009000195 05010009000195 0501000900003 0501000900095 05020005001937 05020005001937 05010009000722 0501000900073 05020005001937	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens
01189509	Thompson Run Allegheny River	05020005001984 05020005001937 05020005001947 05010009000195 05010009000195 0501000900003 05010009000954 05020005001937 05010009000722 0501000900073 0502000500116 05020005002116 0501000900018	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 6/20/2002 6/9/1999	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Source Interment (Low D.O. ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. , Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - PH
01189509	Thompson Run Allegheny River	05020005001984 05020005001937 05020005001947 05010009000195 05010009000195 05010009000195 05010009000034 05020005001937 05010009000722 05010009000723 0502005002116 05020005002116 05010009000918 05010009000918	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 12/19/2007 6/20/2002 6/9/1999 12/19/2007	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Recreational Aquatic Life Recreational Recreational Aquatic Life Recreational Aquatic Life Aquatic Life Recreational	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Agriculture - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH Source Unknown - Pathogens
01189509 01209386 01182585	Thompson Run Allegheny River North Fork Pine Creek	05020005001984 05020005001937 05020005001947 05010009000195 05010009000195 05010009000035 05010009000034 05020005001937 0501009000722 0501009000723 050100900073 050100900013 050100900018 0501000900018 0501000900018	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 6/20/2002 6/9/1999 12/19/2007 12/19/2007	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Recreational Recreational Recreational Recreational	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Agriculture - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - PH Source Unknown - Pathogens Source Unknown - Pathogens
01189509 01209386 01182585 01182585	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek	05020005001984 05020005001937 05020005001947 05010009000195 05010009000195 0501000900003 05010009000054 05020005001937 05010009000722 050100900073 05020005002116 05010009000918 05010009000918 05010009000911 050100090001011 05010009000208	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 6/20/2002 6/9/1999 12/19/2007 12/19/2007 7/30/1997	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Aquatic Life Aquatic Life Aquatic Life Recreational Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Agriculture - Siltation ; Construction - Siltation
01189509 01209386 01182585	Thompson Run Allegheny River North Fork Pine Creek	05020005001984 05020005001937 05020005001947 05010009000195 05010009000195 05010009000195 05010009000195 05010009000754 05020005001937 05010009000722 05010009000723 0501000900072 0501000900073 0501000900073 0501000900073 0501000900073 0501000900073 0501000900095 0501000900095 0501000900095 050100090001011 05010009000208 0502000500688	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 12/19/2007 6/20/2002 6/9/1999 12/19/2007 7/30/1997 9/22/2004	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation; Bank Modifications - Other Habitat Alterations Source Unknown - PCB; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Agriculture - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Agriculture - Siltation; Construction - Siltation Abandoned Mine Drainage - Siltation
01189509 01209386 01182585 01182585	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek	05020005001984 05020005001937 05020005001947 05010009000195 05010009000195 05010009000195 0501000900003 0501000900054 05020005001937 05010009000722 05010009000723 05010009000723 05010009000725 05010009000116 05010009000918 0501000900011 0501000900011 0501000900011 0501000900018 0501000900011	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 12/19/2007 6/20/2002 6/9/1999 12/19/2007 7/30/1997 7/30/1997 7/17/2003	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Aquatic Life Recreational Recreational Aquatic Life Recreational Aquatic Life Recreational Recreational Recreational Recreational Recreational Recreational Aquatic Life Aquatic Life Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Agriculture - Siltation ; Construction - Siltation
01189509 01209386 01182585 01182585	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek	05020005001984 05020005001937 05020005001947 05010009000195 05010009000195 05010009000195 05010009000195 05010009000754 05020005001937 05010009000722 05010009000723 0501000900072 0501000900073 0501000900073 0501000900073 0501000900073 0501000900073 0501000900095 0501000900095 0501000900095 050100090001011 05010009000208 0502000500688	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 6/20/2002 6/9/1999 12/19/2007 7/30/1997 9/22/2004 6/11/2003 6/11/2003	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens
01189509 01209386 01182585 01190901 01171529	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek Chalfant Run	05020005001984 05020005001937 05020005001947 05010009000195 05010009000195 0501000900003 05010009000054 05020005001937 05010009000722 0501000900073 05020005002116 05010009000918 05010009000918 05010009000918 050100090001868 0502000500688 0502000500688 0502000500688	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2004 12/19/2004 12/19/2004 12/19/2004 12/19/2004 12/19/2004 12/19/2004 12/19/2004	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - PTG ; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Agriculture - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Agriculture - Siltation ; Construction - Siltation Abandoned Mine Drainage - Siltation Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Other Habitat Alterations Abandoned Mine Drainage - Siltation Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
01189509 01209386 01182585 01190901 01171529	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek Chalfant Run	05020005001984 05020005001937 05020005001947 05010009000195 05010009000195 05010009000195 05010009000195 05010009000720 05010009000720 05010009000722 0501000900073 0501000900073 0501000900073 0501000900073 0501000900073 05010009000095 05010009000095 05010009000095 05010009000095 05010009000085 05010009000088 05030101003466 0503001003468	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2004 12/19/2004 12/19/2004 12/19/2004 12/19/2004 12/19/2004 12/19/2004 12/19/2004	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Recreational Recreational Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation; Bank Modifications - Other Habitat Alterations Source Unknown - PCB; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Agriculture - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. Abandoned Mine Drainage - PHABOR - PH
01189509 01209386 01182585 01190901 01171529 01177327	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek Chalfant Run Homestead Run	05020005001984 05020005001987 05020005001937 05010009000195 05010009000195 05010009000195 05010009000195 0501000900073 0501000900073 050100900073 0501000900073 0501000900073 0501000900073 0501000900073 05010009000195 05010009000195 05010009000195 05010009000195 05010009000195 05010009000195 05010009000195 0501000900191 0501009000208 05020005000688 05030101003466 05020005001682 05020005001613 05020005000693	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 7/30/1997 9/22/2004 7/17/2003 9/12/19/2007 2/18/2004 2/28/2008	Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Agriculture - Siltation ; Construction - Siltation Abandoned Mine Drainage - Siltation Road Runoff - Siltation Abandoned Mine Drainage - Siltation Abandoned Mine Drainage - Siltation Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Other Habitat Alterations Abandoned Mine Drainage - Siltation
01189509 01209386 01182585 01190901 01171529 01177327 01187030	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek Chalfant Run Homestead Run Sawmill Run	05020005001984 05020005001987 05020005001947 05010009000195 05010009000195 05010009000195 05010009000195 05010009000195 05010009000720 05010009000720 05010009000720 05010009000720 05010009000116 05010009000101 05010009000101 05020005000688 05030101003466 05020005001608 05020005001608 05020005001613 05020005000693 0501000900118	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 12/19/2007 6/20/2002 6/9/1999 12/19/2007 7/30/1997 9/22/2004 7/17/2003 6/11/2003 9/24/2004 2/28/2008 9/23/2004	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Recreational Recreational Recreational Recreational Reduatic Life Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Agriculture - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Agriculture - Siltation ; Construction - Siltation Abandoned Mine Drainage - Siltation Road Runoff - Siltation Road Runoff - Siltation Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Other Habitat Alterations Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation Construction - Siltation - Source Unknown - Siltation
01189509 01209386 01182585 01190901 01171529 01177327 01187030	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek Chalfant Run Homestead Run	05020005001984 05020005001987 05020005001937 05010009000195 05010009000195 05010009000195 05010009000195 0501000900073 0501000900073 050100900073 0501000900073 0501000900073 0501000900073 0501000900073 05010009000195 05010009000195 05010009000195 05010009000195 05010009000195 05010009000195 05010009000195 0501000900191 0501009000208 05020005000688 05030101003466 05020005001682 05020005001613 05020005000693	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 12/19/2007 6/20/2002 6/9/1999 12/19/2007 7/30/1997 9/22/2004 7/17/2003 6/11/2003 9/24/2004 2/28/2008 9/23/2004	Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Agriculture - Siltation ; Construction - Siltation Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Other Habitat Alterations Abandoned Mine Drainage - Siltation
01189509 01209386 01182585 01190901 01171529 01177327 01187030	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek Chalfant Run Homestead Run Sawmill Run	05020005001984 05020005001987 05020005001937 05010009000195 05010009000195 0501000900003 05010009000054 05020005001937 0501000900072 0501000900073 05020005001937 05020005001937 0501000900073 0502000500116 050100090000955 050100090000955 05010009000101 05010009001018 05020005001613 05020005000693 05020005000693	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 7/30/1997 9/22/2004 2/28/2008 9/23/2004 9/26/1997 6/15/1999	Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - PAthogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Agriculture - Siltation ; Construction - Siltation Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Other Habitat Alterations Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Other Habitat Alterations Abandoned Mine Drainage - Siltation Construction - Siltation ; Construction - Other Habitat Alterations ; Construction - Turbidity ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
01189509 01209386 01182585 01190901 01171529 01177327 01187030	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek Chalfant Run Homestead Run Sawmill Run	05020005001984 05020005001987 05020005001947 05010009000195 05010009000195 05010009000195 05010009000195 05010009000195 05010009000720 05010009000720 05010009000720 05010009000720 05010009000116 05010009000101 05010009000101 05020005000688 05030101003466 05020005001608 05020005001608 05020005001613 05020005000693 0501000900118	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2003 9/24/2004 2/28/2008 9/23/2004 9/26/1997 6/15/1999 7/11/2003	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Recreational Recreational Recreational Recreational Recreational Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation; Bank Modifications - Other Habitat Alterations Source Unknown - PCB; Source Unknown - Chlordane Source Unknown - PCB; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Agriculture - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Agriculture - Siltation; Construction - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Other Habitat Alterations Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Other Habitat Alterations Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation Construction - Siltation Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation Construction - Siltation - Siltation Source Unknown - Siltation Construction - Siltation - Source Unknown - Siltation - Siltation - Source Unknown - Siltation - Source - Siltation
01189509 01209386 01182585 01190901 01171529 01177327 01187030	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek Chalfant Run Homestead Run Sawmill Run	05020005001984 05020005001987 05020005001947 05010009000195 05010009000195 05010009000195 05010009000195 05010009000720 05010009000720 05010009000720 05010009000730 05010009000730 05010009000730 05010009000730 05010009000730 05010009000730 05010009000730 05010009000730 050100090001011 050100090001011 050100090001011 05010009001011 05010009001011 05020005001682 05020005001683 05020005001693 05010009001018	9/23/2004 4/7/2009 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 6/20/2002 6/9/1999 12/19/2007 7/30/1997 9/22/2004 7/17/2003 6/11/2003 9/24/2004 9/26/1997 6/15/1999 7/11/2003 7/17/2003	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Recreational Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - PAthogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Agriculture - Siltation ; Construction - Siltation Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Other Habitat Alterations Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Other Habitat Alterations Abandoned Mine Drainage - Siltation Construction - Siltation ; Construction - Other Habitat Alterations ; Construction - Turbidity ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
01189509 01209386 01182585 01190901 01171529 01177327 01187030	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek Chalfant Run Homestead Run Sawmill Run	05020005001984 05020005001987 05020005001947 05010009000195 05010009000195 05010009000195 05010009000195 05010009000195 05010009000720 05010009000722 05010009000722 05010009000116 05010009000116 050100090001011 050100090001011 050100090001011 050100090001011 050100090001011 05010009000088 05020005001688 05020005001688 05020005001689 05020005001689 05020005001689 05020005001689 05020005001689 05020005001689 05020005001689 05020005001689 05020005001689	9/23/2004 4/7/2009 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 6/20/2002 6/9/1999 12/19/2007 7/30/1997 9/22/2004 7/17/2003 6/11/2003 9/24/2004 9/26/1997 6/15/1999 7/11/2003 7/17/2003	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Recreational Recreational Recreational Recreational Recreational Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Agriculture - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH Source Unknown - Pathogens Source Unknown - Pathogens Source Unknown - Pathogens Road Runoff - Siltation ; Construction - Siltation Abandoned Mine Drainage - Siltation Road Runoff - Siltation Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Other Habitat Alterations Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation Construction - Siltation ; Construction - Other Habitat Alterations ; Construction - Turbidity ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation : Road Runoff - Siltation Road Runoff - Siltation
01189509 01209386 01182585 01190901 01171529 01177327 01187030	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek Chalfant Run Homestead Run Sawmill Run Plum Creek	05020005001984 05020005001987 05020005001947 05010009000195 05010009000195 05010009000195 05010009000195 05010009000195 05010009000720 05010009000720 05010009000720 05010009000720 05010009000720 05010009000161 05010009000161 05010009000161 05020005001668 05020005001613 05020005001613 05020005001613 0501000900018 05010009000085 05030101003361 05030101003361 05030101003488 05030101003488	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 7/30/1997 9/22/2004 7/17/2003 6/11/2003 9/24/2004 2/28/2008 9/23/2004 9/26/1997 6/15/1999 7/11/2003 7/17/2003 11/26/1997	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Agriculture - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. Abandoned Mine Drainage - pH Source Unknown - Pathogens Regriculture - Siltation ; Construction - Siltation Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Other Habitat Alterations Abandoned Mine Drainage - Siltation Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Other Habitat Alterations Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation Construction - Siltation ; Construction - Other Habitat Alterations ; Construction - Turbidity ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation Natural Sources - Siltation ; Abandoned Mine Drainage - Metals Combined Sewer Overflow - Nonpriority Organics ; Combined Sewer Overflow - Unionized Ammonia ; Combined Sewer Overflow -
01189509 01209386 01182585 01190901 01171529 01187327 01187030 01184110	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek Chalfant Run Homestead Run Sawmill Run Plum Creek	05020005001984 05020005001987 05020005001947 05010009000195 05010009000195 05010009000195 05010009000195 05020005001937 05010009000720 05010009000722 05010009000722 0501000900073 05020005002116 05010009000918 05010009000918 05010009000110 05010009000110 05020005001688 05020005001688 05020005001688 05020005001688 0502005001688 05020005001688 05020005001688 05020005001688 05020005001688 05020005001688 05020005001688 05020005001688 05020005001688 05020005001688	9/23/2004 4/7/2009 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 6/20/2002 6/9/1999 12/19/2007 7/30/1997 9/22/2004 2/28/2008 9/23/2004 9/26/1997 6/15/1999 7/11/2003 11/26/1997	Aquatic Life Fish Consumption Recreational Recreational Recreational Recreational Recreational Recreational Recreational Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Source Unknown - Siltation Road Runoff - Siltation Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Other Habitat Alterations Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation Source Unknown - Siltation Construction - Siltation ; Construction - Other Habitat Alterations; Construction - Turbidity ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation Road Runoff - Siltation ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation Road Runoff - Siltation ; Abandoned Mine Drainage - Metals Combined Sewer Overflow - Nonpriority Organics ; Combined Sewer Overflow - Unionized Ammonia ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Runof
01189509 01209386 01182585 01190901 01171529 01187030 01184110 01182465 01174809	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek Chalfant Run Homestead Run Sawmill Run Plum Creek Ninemile Run Fish Run	05020005001984 05020005001987 05020005001937 05010009000195 05010009000195 05010009000195 05010009000195 05010009000073 050100900073 050100900072 0501000900073 0501000900073 05010009000116 0501009000116 050100900016 05020005001682 0502005001683 050200500693 0501000900118 0501009000188 0501009000188 050100900118 0501009000188 050100900118 050100900118 050100900118 050100900118 050100900118 050100900118 050100900118	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 7/30/1997 9/22/2004 7/17/2003 9/24/2004 2/28/2008 9/23/2004 9/26/1997 6/15/1999 7/11/2003 11/26/1997	Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Recreational Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Siltation; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation; Bank Modifications - Other Habitat Alterations Source Unknown - PCB; Source Unknown - Chlordane Source Unknown - PCB; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Agriculture - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Source Unknown - Pathogens Source U
01189509 01209386 01182585 01182585 01190901 01171529 01177327 01187030 01184110 01184410 01174809 01174809	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek Chalfant Run Homestead Run Sawmill Run Plum Creek Ninemile Run Fish Run Fish Run	05020005001984 05020005001987 05020005001947 05010009000195 05010009000195 05010009000195 05010009000720 05010009000730 05010009000730 05010009000730 05010009000730 05010009000730 05010009000730 05010009000730 05010009000730 05010009000131 050100090001011 05010009001011 05010009001011 05010009001011 05010009001011 05010009001011 05010009001011 05010009001013 05020005001688 05030101003466 05020005001681 05020005001683 05020005001683 05020005001683 05020005001683 05020005001683	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2004 12/28/2004 9/26/1997 6/15/1999 7/11/2003 11/26/1997 12/8/2011 7/21/1999 12/19/2007	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption Recreational Aquatic Life Recreational	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals Habitat Modification - Slitation; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation; Bank Modifications - Other Habitat Alterations Source Unknown - Peth ; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Agriculture - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH Source Unknown - Pathogens Agriculture - Siltation; Construction - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Other Habitat Alterations Abandoned Mine Drainage - Siltation Construction - Siltation; Construction - Other Habitat Alterations; Construction - Turbidity; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Siltation Road Runoff - Siltation Natural Sources - Siltation; Abandoned Mine Drainage - Metals Combined Sewer Overflow - Nonpriority Organics; Combined Sewer Overflow - Unionized Ammonia; Combined Sewer Overflow - Water/Flow Variability; Urban Runoff/Storm Sewers - Nonpriority Organics; Urban Runoff/Storm Sewers - Unionized Ammonia; Urban Run Lund Development - Siltation; Patha Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens
01189509 01209386 01182585 01190901 01171529 01187030 01184110 01182465 01174809	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek Chalfant Run Homestead Run Sawmill Run Plum Creek Ninemile Run Fish Run	05020005001984 05020005001987 05020005001937 05010009000195 05010009000195 05010009000195 05010009000195 0501000900072 0501000900072 0501000900073 0502000500116 0501000900073 0502000500168 0501000900073 0501000900073 05010009000152 0501009000152 0501009000152	9/23/2004 4/7/2009 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 11/2003 11/26/1997 12/19/2007 12/19/2007 12/19/2007	Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Recreational Recreational Aquatic Life	Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - Pethogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Source Unknown - Siltation Construction - Siltation Construction - Siltation Construction - Siltation Construction - Siltation : Construction - Other Habitat Alterations ; Construction - Turbidity ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation Road Runoff - Siltation ; Abandoned Mine Drainage - Metals Combined Sewer Overflow - Nonpriority Organics ; Combined Sewer Overflow - Unionized Ammonia ; Combined Sewer Overflow - Water/Flow Variability ; Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens
01189509 01209386 01182585 01182585 01190901 01171529 01177327 01187030 01184110 01184410 01174809 01174809	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek Chalfant Run Homestead Run Sawmill Run Plum Creek Ninemile Run Fish Run Fish Run	05020005001984 05020005001987 05020005001947 05010009000195 05010009000195 05010009000095 05010009000072 050100900072 050100900072 050100900073 050100900073 050100900073 050100900073 050100900091 050100900011 050100900011 050100900011 050100900011 050100900011 050100900011 050100900011 050100900118 0501009000118 0501009000152 0503010100348 0503010100348 05030100900152 0501000900152 0501000900152 0501000900152	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 7/30/1997 9/22/2004 2/28/2008 9/23/2004 9/26/1997 6/15/1999 7/11/2003 7/17/2003 11/26/1997 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007	Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Aquatic Life Recreational Aquatic Life	Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Agriculture - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - PH Source Unknown - Pathogens Agriculture - Siltation ; Construction - Siltation Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Other Habitat Alterations Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Other Habitat Alterations Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation Construction - Siltation Source Unknown - Siltation Construction - Siltation ; Construction - Other Habitat Alterations ; Construction - Turbidity ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation Natural Sources - Siltation ; Abandoned Mine Drainage - Metals Combined Sewer Overflow - Nonpriority Organics ; Combined Sewer Overflow - Unionized Ammonia ; Combined Sewer Overflow - Water/Flow Variability ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Run Development - Siltation ; Urban Runoff/Storm Sewers - Nonpriority Organics ; Urban Runoff/Storm Sewers - Unionized Ammonia ; Urban Run Developmen
01189509 01209386 01182585 01190901 01171529 01177327 01187030 01184110 01182465 01174809 01174809 01174809 01182585	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek Chalfant Run Homestead Run Sawmill Run Plum Creek Ninemile Run Fish Run Fish Run	05020005001984 05020005001987 05020005001937 05010009000195 05010009000195 05010009000195 05010009000195 0501000900072 0501000900072 0501000900073 0502000500116 0501000900073 0502000500168 0501000900073 0501000900073 05010009000152 0501009000152 0501009000152	9/23/2004 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2004 12/28/2008 11/26/1997 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007	Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Aquatic Life	Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - Pethogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Source Unknown - Siltation Construction - Siltation Construction - Siltation Construction - Siltation Construction - Siltation : Construction - Other Habitat Alterations ; Construction - Turbidity ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation Road Runoff - Siltation ; Abandoned Mine Drainage - Metals Combined Sewer Overflow - Nonpriority Organics ; Combined Sewer Overflow - Unionized Ammonia ; Combined Sewer Overflow - Water/Flow Variability ; Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens
01189509 01209386 01182585 01190901 01171529 01177327 01187030 01184110 01182465 01174809 01174809 01174809 01182585	Thompson Run Allegheny River North Fork Pine Creek West Branch Deer Creek Chalfant Run Homestead Run Sawmill Run Plum Creek Ninemile Run Fish Run North Fork Pine Creek	05020005001984 05020005001987 05020005001947 05010009000195 05010009000195 05010009000195 05010009000720 0501000900073 0501000900073 0501000900073 0501000900073 0501000900073 0501000900073 0501000900073 0501000900073 0501000900073 0501000900013 0501000900013 0501000900013 0501000900013 05020005001683 05020005001683 0502005000693 05010009001183 05030010003488 05030101003488 05030101003488 05030101003488 05030101003488 05030101003488 05030101003483 05030101003483	9/23/2004 4/7/2009 4/7/2009 4/7/2009 1/11/2002 12/19/2007 12/19/2007 12/19/2007 6/20/2002 6/9/1999 12/19/2007 7/30/1997 9/22/2004 7/17/2003 6/11/2003 9/24/2004 9/26/1997 6/15/1999 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007	Aquatic Life Fish Consumption Recreational Aquatic Life Recreational Recreational Recreational Aquatic Life Recreational Aquatic Life	Abandoned Mine Drainage - Metals Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations Source Unknown - PCB; Source Unknown - Chlordane Source Unknown - Pathogens Abandoned Mine Drainage - Metals Source Unknown - Pathogens Agriculture - Siltation; Construction - Siltation Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Ph Source Unknown - Pathogens Agriculture - Siltation; Construction - Siltation Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Other Habitat Alterations Abandoned Mine Drainage - Metals; Charles of Metals; Abandoned Mine Drainage - Other Habitat Alterations Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation Construction - Siltation Construction - Siltation; Construction - Other Habitat Alterations; Construction - Turbidity; Urban Runoff/Storm Sewers - Siltation Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Removal of Vegetation - Siltation; Road Runoff - Siltation Road Runoff - Siltation Natural Sources - Siltation; Abandoned Mine Drainage - Metals Combined Sewer Overflow - Nonpriority Organics; Combined Sewer Overflow - Unionized Ammonia; Combined Sewer Overflow - Water/Flow Variability; Urban Runoff/Storm Sewers - Nonpriority Organics; Urban Runoff/Storm Sewers - Unionized Ammonia; Urban Runoff/Storm Sewers - Nonpriority Organics; Surban Runoff/Storm Sewers - Unionized Ammonia; Urban Runoff/Storm Sewers - Non

	1	1	1	Appe	ndix C - impaired waters
GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		05030101003638	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01170439	Brush Creek	05030105000524		Aquatic Life	Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation
		05030101000474	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01183212	Painters Run	05030101001876	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
		05030105001192		Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown
		05010009001013		Recreational	Source Unknown - Pathogens
01189972	Turtle Creek	05020005000485	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05030101001530	7/11/2003	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
		03030101001330	7/11/2003	Aquatic Life	orban Kunon/storm Sewers - Organic Emicriment/Low D.O., Kemoval of Vegetation - Sittation , Road Runon - Sittation
		05030101003618	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.
01190901	West Branch Deer Creek	05010009000208	7/30/1997	Aquatic Life	Agriculture - Siltation ; Construction - Siltation
01192337	Deer Creek	05010009000095	9/1/1007	Aquatic Life	Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Source Unknown - Nutrients
01192337	Deel Cleek	03010003000033	6/1/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides - Salinity/TDS/Chlorides - Salinity/TDS/Chlorides - Salinity/TDS/Chlorides - Salinity/TDS/Chlorides - Salinity/TDS/Chlorides -
01171600	Chartiers Creek	05030101000074	12/4/1997	Aquatic Life	Mine Drainage - Suspended Solids
01171600	Chartiers Creek	05030101000074		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05030101010933	7/17/2003	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101004030	11/25/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Water/Flow Variability
01175614	Gillespie Run	05020006000528		Aquatic Life	Abandoned Mine Drainage - Metals
		05020005002060		Recreational	Source Unknown - Pathogens
		05020005002060	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
1		05000404	44/25/25		Abandoned Mine Drainage - Suspended Solids; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides;
<u> </u>		05030101003900 05030101010708		Aquatic Life Aquatic Life	Urban Runoff/Storm Sewers - Nutrients Habitat Modification - Siltation ; Habitat Modification - Turbidity
—		05030101010708		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		-3030201010700	1/11/2002	consumption	
					Removal of Vegetation - Siltation; Removal of Vegetation - Other Habitat Alterations; Removal of Vegetation - Suspended Solids; Bank
01179241	Lewis Run	05020005001573		Aquatic Life	Modifications - Siltation ; Bank Modifications - Other Habitat Alterations ; Bank Modifications - Suspended Solids ; R
		05030101001526	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01102504	Name Carlo Manetava Dva	05020101001521		A	Like Duraff (Saran Causan Causan Causan Causan Causan)
01182584 01179437	North Fork Montour Run Lintons Run	05030101001521 05030101003953	11/26/1997	Aquatic Life Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Habitat Modification - Siltation Source Unknown - Cause Unknown
01173437	Lintons Kun	03030101003333	11/20/1337	Aquatic Life	Source Official of Cause Offic
		05020005000697	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01181499	Moon Run	05030101001875	1/2/1999	Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Metals
		05020101001520	7/11/2002	A	Libra Disafficación Causar Causar Caración Facilitates at Visua D.O. Description of Visualities Cilettics
00425264	Ohio River	05030101001530 05030101001865		Aquatic Life Fish Consumption	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101001865		Recreational	Source Unknown - Pathogens
		05030101003466		Aquatic Life	Road Runoff - Siltation
		05030101003687		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01189972	Turtle Creek	05020005000484	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05020005001498	6/5/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01209366	Thoms Run	05030101001321		Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Turbidity
			,,,,	4	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ;
		05030101010941		Aquatic Life	Abandoned Mine Drainage - Siltation
01187296	Shades Run	05010009000948		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000141	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000821	6/13/2008	Aquatic Life	Small Residential Runoff - Nutrients ; Abandoned Mine Drainage - Siltation ; Small Residential Runoff - Siltation
01180617	McCaskin Run	05010009000127		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01180617	McCaskin Run	05010009000127	12/19/2007	Recreational	Source Unknown - Pathogens
	Pine Creek	05010009000151		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000151		Recreational	Source Unknown - Pathogens Usban Buneff (Starm Source Alutricate
—		05010009000716 05010009000716		Aquatic Life Recreational	Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens
		05010009000117		Recreational	Source Unknown - Pathogens
		05010009000132		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000132		Recreational	Source Unknown - Pathogens
01181477	Montour Run	05010009000137		Aquatic Life	Road Runoff - Siltation
01181477	Montour Run	05010009000137	12/19/2007	Recreational	Source Unknown - Pathogens Combined Sewer Overflow - Nutrients; Urban Runoff/Storm Sewers - Nutrients; Urban Runoff/Storm Sewers - Oil and Grease; Abandoned
01179641	Little Plum Creek	05010009000477	7/12/1999	Aquatic Life	Combined Sewer Overflow - Nutrients ; Orban Kunoff/Storm Sewers - Nutrients ; Orban Kunoff/Storm Sewers - Oil and Grease ; Abandoned Mine Drainage - Metals
01179641	Pucketa Creek	05010009000477		Aquatic Life	Small Residential Runoff - Siltation ; Road Runoff - Siltation
01184482	Pucketa Creek	05010009000424	4/30/2008	Aquatic Life	Small Residential Runoff - Siltation ; Road Runoff - Siltation
		05010009000491		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01209386	Allegheny River	05010009000503		Potable Water Supply	Source Unknown - Pathogens
01209386	Allegheny River	05010009000503 05010009000003		Fish Consumption Fish Consumption	Source Unknown - PCB - Source Unknown - Chlordane
01209386	Allegheny River	02010009000003	1/11/2002	r isii consumption	Source Unknown - PCB ; Source Unknown - Chlordane
1					Removal of Vegetation - Siltation; Construction - Flow Alterations; Construction - Siltation; Construction - Suspended Solids; Construction -
01192337		1	6/13/2008	Aquatic Life	Turbidity ; Habitat Modification - Other Habitat Alterations ; Source Unknown - Nutrients
	Deer Creek	05010009000096			Bank Modifications - Siltation
		05020005000670	9/24/2004		
01189509	Deer Creek Thompson Run			Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals
01189509		05020005000670			Abandoned Mine Drainage - Metals
	Thompson Run	05020005000670 05020005001947	9/24/2004	Aquatic Life	Abandoned Mine Drainage - Metals Construction - Siltation; Construction - Flow Alterations; Construction - Suspended Solids; Construction - Turbidity; Source Unknown -
01189509		05020005000670	9/24/2004		Abandoned Mine Drainage - Metals
	Thompson Run	05020005000670 05020005001947	9/24/2004	Aquatic Life	Abandoned Mine Drainage - Metals Construction - Siltation; Construction - Flow Alterations; Construction - Suspended Solids; Construction - Turbidity; Source Unknown -
	Thompson Run	05020005000670 05020005001947 05010009000097	9/24/2004 8/1/1997 8/1/1997	Aquatic Life Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals Construction - Siltation; Construction - Flow Alterations; Construction - Suspended Solids; Construction - Turbidity; Source Unknown - Nutrients; Habitat Modification - Other Habitat Alterations Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides
01192337	Thompson Run Deer Creek	05020005000670 05020005001947 05010009000097 05010009000181 05010009000960	9/24/2004 8/1/1997 8/1/1997 12/19/2007	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Recreational	Abandoned Mine Drainage - Metals Construction - Siltation ; Construction - Flow Alterations ; Construction - Suspended Solids ; Construction - Turbidity ; Source Unknown - Nutrients ; Habitat Modification - Other Habitat Alterations Construction - Siltation ; Construction - Flow Alterations ; Construction - Turbidity ; Subsurface Mining - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides Source Unknown - Pathogens
01192337 01192514	Thompson Run Deer Creek Girtys Run	05020005000670 05020005001947 05010009000097 05010009000181 05010009000181 05010009000105	9/24/2004 8/1/1997 8/1/1997 12/19/2007 7/20/1999	Aquatic Life Aquatic Life Aquatic Life Recreational Aquatic Life	Abandoned Mine Drainage - Metals Construction - Siltation; Construction - Flow Alterations; Construction - Suspended Solids; Construction - Turbidity; Source Unknown - Nutrients; Habitat Modification - Other Habitat Alterations Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides Source Unknown - Pathogens Urban Runoff/Storm Sewers - Nutrients
01192337	Thompson Run Deer Creek	05020005000670 05020005001947 05010009000097 05010009000181 05010009000960	8/1/1997 8/1/1997 12/19/2007 7/20/1999 12/19/2007	Aquatic Life Aquatic Life Aquatic Life Aquatic Life Recreational	Abandoned Mine Drainage - Metals Construction - Siltation ; Construction - Flow Alterations ; Construction - Suspended Solids ; Construction - Turbidity ; Source Unknown - Nutrients ; Habitat Modification - Other Habitat Alterations Construction - Siltation ; Construction - Flow Alterations ; Construction - Turbidity ; Subsurface Mining - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides Source Unknown - Pathogens

State Stat		ı	1		Appe	ndix C - Impaired waters
Company	GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
Column			05010009000730	12/19/2007	Recreational	Source Unknown - Pathogens
1977 1977	01183771	Pine Creek	05010009001936	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
Company						
Control for Not Control Control for Not Control for Not Control	01183771	Pine Creek				
1979 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.			05020005002000	2/28/2008	Aquatic Life	ů i
Company Comp	011706/11	Little Dlum Creek	05010000000475	7/12/1000	Aquatic Life	
Proceedings						
CARDONNESS CAR						
Control Cont						Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
Column						
1947/1950 Notices from Control Contro						
Company Comp						
1979-15 1979-16 1979						
COMMON C						
1999	01175011	omespie nan				
COUNTY Prop 14	01192843	Long Run				
1997 1997			05020005000692	9/22/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
1997 1997						
1997/1997 Port 1997/1997						
	01183937	riney fork	U3UZUUU3UU1586	3/25/2010	Aquatic Life	Orban Kunon/Storm Sewers - Sitation
			05020005000697	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation : Small Residential Runoff - Organic Enrichment/Low D.O. : Abandoned Mine Drainage - Metals
1985 Part Perf						
1988/97 Part Fork	01183937	Piney Fork				ů .
10.00000000000000000000000000000000000						
1971-1975	01183937	Piney Fork				
September Sept	01171225	Catfich Run				
Agriculture - Sitation - Agriculture - Organic Enrichment/Low D. D. ; Small Residential Rundl - Organic Enrichment/Low D. D. ; Abandoned Discovery - Organic Enrichment/Low D. D. ; Small Residential Rundl - Organic Enrichment/Low D. D. ; Small Residential Rundl - Organic Enrichment/Low D. D. ; Small Residential Rundl - Organic Enrichment/Low D. D. ; Small Residential Rundl - Organic Enrichment/Low D. D. ; Small Residential Rundl - Organic Enrichment/Low D. D. ; Small Residential Rundl - Organic Enrichment/Low D. D. ; Small Residential Rundl - Organic Enrichment/Low D. D. ; Small Residential Rundl - Organic Enrichment/Low D. D. ; Small Residential Rundl - Organic Enrichment/Low D. D. ; Road Rundl - Organic Enrichment/Low D. D. ; Small Residential Rundl - Organic Enrichment/Low D. D. ; Road Rundl - Turbidity - Organic Enrichment/Low D. Society - Turbidity - Organic Enrichment/Low D. Society - Turbidity - Organic E	01171333	Cathish Kan				
0.175/05/86 Faller Timber Fun				0, =0, =00=		
Millor Run	01174586	Fallen Timber Run	05020005000384	6/20/2002	Aquatic Life	Mine Drainage - Metals
1160078 Breckets Rum						Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff -
0.11590736			05020005002141	6/2/2003	Aquatic Life	Siltation
0.11590736						
	04450070	D. J. L. D.				
Millers Run	01169078	Beckets Kun				
	01192945	Millers Run				
	01132343	IVIIIICI3 Kuii				
				0,20,200		
				9/23/2004		
			05020005000683	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
	01209386	Allegheny River				
	-					
Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage						
			03030101001331	0/13/1337	riquatic Erre	
			05030101000406	12/4/1997	Aquatic Life	
0.1171600 0.11	01192945	Millers Run	05030101001326	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
	01187296	Shades Run	05010009000952	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
			05020404002400	7/44/2000	Aquatic Life	Heban Bunoff/Storm Square Organic Enrichment/Leve D.O Deserved - 5 Vestable - City Vesta - Deserved - 5 Vesta - Deserved - Deserv
Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Silitation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Silitation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Drainage - Metals						
0.171600 Chartiers Creek 0.5030101000073 12/4/1997 Aquatic Life Mine Drainage - Supended Solids 0.171600 Chartiers Creek 0.5030101000073 1/12/2002 Fish Consumption Source Unknown - PCB ; Source Unknown - Chlordane 0.5030101000483 11/25/1997 Aquatic Life Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients 0.5030101000481 11/25/1997 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Habitat Modification - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Mine Drainage - Metals; On site Wastewater - Nutrients Mine Drainage - Metals; On site Wastewater - Nutrients Mine Drainage - Metals; On site Wastewater - Nutrients Mine Drainage - Metals; On site Wastewater - Nutrients Mine Drainage - Metals; On site Wastewater - Nutrients Mine Drainage - Metals; On site Wastewater - Nutrients Mine Drainage - Metals; On site Wastewater - Nutrients Mine Drainage - Metals; On site Wastewater - Nutrients Mine Drainage - Metals; On site Wastewater - Nutrients Mine Drainage - Metals; On site Wastewater - Nutrients Mine Drainage - Metals; On site Wastewater - Nutrients Mine Drainage - Metals; On site Wastewater - Nutrients Mine Drainage - Metals; On site Wastewater - Nutrients Mine Drainage - Metals; On site Wastewater - Nutrients; Mine Drainage - Metals; On site Wastewater - Nutrients; Mine Drainage - Metals; On site Wastewater - Nutrients; Mine Drainage - Metals; On site Wastewater - Nutrients; Mine Drainage - Metals; On site Wastewater - Nutrients; Mine Drainage - Metals; On site Wastewater - Nutrients; Mine Drainage - Metals; On site Wast			5502000000124	3/3/2004	quadra elle	
01185244 Robinson Run 05030101000073 1/11/2002 Fish Consumption Source Unknown - CRB; Source Unknown - Chlordane 01185244 Robinson Run 05030101000483 11/26/1997 Aquatic Life Abandoned Mine Drainage - Metals; on site Wastewater - Nutrients 01188066 South Fork Montour Run 05030101001511 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Habitat Modification - Silitation 05030101010923 11/25/1997 Aquatic Life Mine Drainage - Metals; Abandoned Mine Drainage - Silitation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals 05030010000433 11/26/1997 Aquatic Life Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients 05030101000483 11/26/1997 Aquatic Life Road Runoff - Silitation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients 050301010003523 6/27/2003 Aquatic Life Road Runoff - Silitation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients 05030105000548 6/21/2005 Aquatic Life Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Other Inorganics; Urban Runoff/Storm Sewers - Oil and Grease 05030101003729 12/4/1997 Aquatic Life Road Runoff - Silitation; Small Residential Runoff - Cause Unknown Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.;	01171600	Chartiers Creek	05030101000073	12/4/1997	Aquatic Life	
October Octo			05030101000073	1/11/2002	Fish Consumption	
Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids O5020005000007 7/29/2011 Fish Consumption O502000500007 6/20/2002 Aquatic Life O5020005002077 6/20/2002 Aquatic Life O5030101000483 11/26/1997 Aquatic Life O5030101003523 6/27/2003 Aquatic Life O5030101003523 6/27/2003 Aquatic Life O5030101003523 6/27/2003 Aquatic Life O5030101003523 6/27/2003 Aquatic Life O5030101003523 6/27/2005 Aquatic Life O5030101003523 6/27/2005 Aquatic Life O5030101003729 12/4/1997 Aquatic Life O50300050000000 3/2/2011 Fish Consumption O5020005000000 3/2/2011 Fish Consumption O5020005000075 2/28/2008 Aquatic Life O5020005000075 2/28/2008 Aquatic Life O50301010004505 9/2/1997 Aquatic Life O5030101000089 9/2/1997 Aquatic Life Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abando	01185234	Robinson Run	05030101000483	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; On site Wastewater - Nutrients
Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids O5020005000007 7/29/2011 Fish Consumption O502000500007 6/20/2002 Aquatic Life O5020005002077 6/20/2002 Aquatic Life O5030101000483 11/26/1997 Aquatic Life O5030101003523 6/27/2003 Aquatic Life O5030101003523 6/27/2003 Aquatic Life O5030101003523 6/27/2003 Aquatic Life O5030101003523 6/27/2003 Aquatic Life O5030101003523 6/27/2005 Aquatic Life O5030101003523 6/27/2005 Aquatic Life O5030101003729 12/4/1997 Aquatic Life O50300050000000 3/2/2011 Fish Consumption O5020005000000 3/2/2011 Fish Consumption O5020005000075 2/28/2008 Aquatic Life O5020005000075 2/28/2008 Aquatic Life O50301010004505 9/2/1997 Aquatic Life O5030101000089 9/2/1997 Aquatic Life Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abando						
	01188066	South Fork Montour Run	05030101001511		Aquatic Life	
0550003 Monongahela River 05020005000007 7/29/2011 Fish Consumption Source Unknown - PCB			1	44/0=/	A	
05020005002077 6/20/2002 Aquatic Life Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; On site Wastewater - Nutrients (05030101003523 6/27/2003) Aquatic Life Abandoned Mine Drainage - Metals ; On site Wastewater - Nutrients (05030101003523 6/27/2003) Aquatic Life Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Other Inorganics ; Urban Runoff/Storm Sewers - Oil and Grease (0503001000000487 7/6/1999) Aquatic Life Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown (050301010000000487 7/6/1999) Aquatic Life Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown (050301010000000000000000000000000000000	04550000				Aquatic Lite	INIDE Urainave - Suspended Solids
Name		Monongahola Divor				
Name	01550003	Monongahela River				
	01550003	Monongahela River	05020005000007	7/29/2011	Fish Consumption	Source Unknown - PCB
101177745 Indian Creek 0501000900487 7/6/1999 Aquatic Life Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Other Inorganics ; Urban Runoff/Storm Sewers - Oil and Grease Road Runoff - Statistion ; Small Residential Runoff - Cause Unknown Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation = Siltation 101209386 Allegheny River 05010009000003 3/2/2011 Fish Consumption Source Unknown - PCB 101209386 Allegheny River 05020005000169 7/23/2002 Aquatic Life Abandoned Mine Drainage - Metals 10188872 Streets Run 05020005000475 2/28/2008 Aquatic Life Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation 101209386 Allegheny River 05020005000475 2/28/2008 Aquatic Life Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation 10188872 Streets Run 05020005000475 2/28/2008 Aquatic Life Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation 101209386 Allegheny River 05020005000475 2/28/2008 Aquatic Life Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Siltation 10171600 Chartiers Creek 05030101000089 9/2/1997 Aquatic Life Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity 10171600 Chartiers Creek 05030101000089 1/11/2002 Fish Consumption Source Unknown - PCB ; Source Unknown - Chlordane		-	05020005000007 05020005002077	7/29/2011 6/20/2002	Fish Consumption Aquatic Life	Source Unknown - PCB Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		-	05020005000007 05020005002077 05030101000483	7/29/2011 6/20/2002 11/26/1997	Fish Consumption Aquatic Life Aquatic Life	Source Unknown - PCB Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals ; On site Wastewater - Nutrients
Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids 12/4/1997 Aquatic Life Habitat Modification - Nutrients ; Habitat Modification - Siltation	01185234	Robinson Run	05020005000007 05020005002077 05030101000483 05030101003523	7/29/2011 6/20/2002 11/26/1997 6/27/2003	Fish Consumption Aquatic Life Aquatic Life Aquatic Life	Source Unknown - PCB Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Road Runoff - Siltation
05030101003729 12/4/1997 Aquatic Life Mine Drainage - Suspended Solids 05030101004556 10/7/1997 Aquatic Life Habitat Modification - Nutrients; Habitat Modification - Siltation Source Unknown - PCB Source Unkno	01185234	Robinson Run	05020005000007 05020005002077 05030101000483 05030101003523 05010009000487	7/29/2011 6/20/2002 11/26/1997 6/27/2003 7/6/1999	Fish Consumption Aquatic Life Aquatic Life Aquatic Life Aquatic Life	Source Unknown - PCB Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Road Runoff - Siltation Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Other Inorganics; Urban Runoff/Storm Sewers - Oil and Grease
	01185234	Robinson Run	05020005000007 05020005002077 05030101000483 05030101003523 05010009000487	7/29/2011 6/20/2002 11/26/1997 6/27/2003 7/6/1999	Fish Consumption Aquatic Life Aquatic Life Aquatic Life Aquatic Life	Source Unknown - PCB Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Road Runoff - Siltation Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Other Inorganics; Urban Runoff/Storm Sewers - Oil and Grease Road Runoff - Siltation; Small Residential Runoff - Cause Unknown
01209386 Allegheny River 05010009000003 3/2/2011 Fish Consumption Source Unknown - PCB	01185234	Robinson Run	0502000500007 05020005002077 05030101000483 05030101003523 05010009000487 05030105000548	7/29/2011 6/20/2002 11/26/1997 6/27/2003 7/6/1999 6/21/2005	Fish Consumption Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life	Source Unknown - PCB Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Road Runoff - Siltation Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Other Inorganics; Urban Runoff/Storm Sewers - Oil and Grease Road Runoff - Siltation; Small Residential Runoff - Cause Unknown Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned
05020005002169 7/23/2002 Aquatic Life Abandoned Mine Drainage - Metals	01185234	Robinson Run	05020005000007 05020005002077 05030101000483 05030101003523 05010009000487 05030105000548 05030101003729	7/29/2011 6/20/2002 11/26/1997 6/27/2003 7/6/1999 6/21/2005	Fish Consumption Aquatic Life	Source Unknown - PCB Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Road Runoff - Siltation Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Other Inorganics; Urban Runoff/Storm Sewers - Oil and Grease Road Runoff - Siltation; Small Residential Runoff - Cause Unknown Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Orainage - Suspended Solids
01188872 Streets Run 05020005000475 2/28/2008 Aquatic Life Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation 05030101004505 9/2/1997 Aquatic Life Agriculture - Nutrients ; Agriculture - Siltation Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Organic E	01185234	Robinson Run Indian Creek	05020005000007 05020005002077 05030101000483 05030101003523 05010009000487 05030105000548 05030101003729 05030101004556	7/29/2011 6/20/2002 11/26/1997 6/27/2003 7/6/1999 6/21/2005 12/4/1997 10/7/1997	Fish Consumption Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life	Source Unknown - PCB Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Road Runoff - Siltation Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Other Inorganics; Urban Runoff/Storm Sewers - Oil and Grease Road Runoff - Siltation; Small Residential Runoff - Cause Unknown Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Habitat Modification - Nutrients; Habitat Modification - Siltation
05030101004505 9/2/1997 Aquatic Life Agriculture - Nutrients ; Agriculture - Siltation Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - 01171600 Chartiers Creek 05030101000089 9/2/1997 Aquatic Life Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity 01171600 Chartiers Creek 05030101000089 1/11/2002 Fish Consumption Source Unknown - PCB ; Source Unknown - Chlordane	01185234	Robinson Run Indian Creek	05020005000007 05020005002077 05030101000483 05030101003523 05010009000487 05030101003729 05030101003729 05030101004556 05010009000003	7/29/2011 6/20/2002 11/26/1997 6/27/2003 7/6/1999 6/21/2005 12/4/1997 10/7/1997 3/2/2011	Fish Consumption Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Aquatic Life Fish Consumption	Source Unknown - PCB Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Road Runoff - Siltation Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Other Inorganics; Urban Runoff/Storm Sewers - Oil and Grease Road Runoff - Siltation; Small Residential Runoff - Cause Unknown Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Habitat Modification - Nutrients; Habitat Modification - Siltation Source Unknown - PCB
Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - 01171600 Chartiers Creek 05030101000089 9/2/1997 Aquatic Life Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity 01171600 Chartiers Creek 05030101000089 1/11/2002 Fish Consumption Source Unknown - PCB ; Source Unknown - Chlordane	01185234 01177745 01209386	Robinson Run Indian Creek Allegheny River	05020005000007 05020005000077 05030101000483 05030101003523 05010009000487 05030105000548 05030101003729 05030101004556 05010009000003 05020005002169	7/29/2011 6/20/2002 11/26/1997 6/27/2003 7/6/1999 6/21/2005 12/4/1997 10/7/1997 3/2/2011	Fish Consumption Aquatic Life Fish Consumption Aquatic Life	Source Unknown - PCB Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Road Runoff - Siltation Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Other Inorganics; Urban Runoff/Storm Sewers - Oil and Grease Road Runoff - Siltation; Small Residential Runoff - Cause Unknown Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Habitat Modification - Nutrients; Habitat Modification - Siltation Source Unknown - PCB Abandoned Mine Drainage - Metals
01171600 Chartiers Creek 05030101000089 1/11/2002 Fish Consumption Source Unknown - PCB; Source Unknown - Chlordane	01185234 01177745 01209386	Robinson Run Indian Creek Allegheny River	05020005000007 05020005002077 05030101000483 05030101003523 05010009000487 05030105000548 05030101003729 05030101004556 05010009900003 05020005002169 05020005000475	7/29/2011 6/20/2002 11/26/1997 6/27/2003 7/6/1999 6/21/2005 12/4/1997 10/7/1997 3/2/2011 7/23/2002 2/28/2008	Fish Consumption Aquatic Life Fish Consumption Aquatic Life Aquatic Life	Source Unknown - PCB Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Road Runoff - Siltation Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Other Inorganics; Urban Runoff/Storm Sewers - Oil and Grease Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Subsended Solids Habitat Modification - Nutrients; Habitat Modification - Siltation Source Unknown - PCB Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals
01171600 Chartiers Creek 05030101000089 1/11/2002 Fish Consumption Source Unknown - PCB; Source Unknown - Chlordane	01185234 01177745 01209386	Robinson Run Indian Creek Allegheny River	05020005000007 05020005002077 05030101000483 05030101003523 05010009000487 05030105000548 05030101003729 05030101004556 05010009900003 05020005002169 05020005000475	7/29/2011 6/20/2002 11/26/1997 6/27/2003 7/6/1999 6/21/2005 12/4/1997 10/7/1997 3/2/2011 7/23/2002 2/28/2008	Fish Consumption Aquatic Life Fish Consumption Aquatic Life Aquatic Life	Source Unknown - PCB Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Road Runoff - Siltation Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Other Inorganics; Urban Runoff/Storm Sewers - Oil and Grease Road Runoff - Siltation; Small Residential Runoff - Cause Unknown Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Habitat Modification - Nutrients; Habitat Modification - Siltation Source Unknown - PCB Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation Agriculture - Nutrients; Agriculture - Siltation
05010009000125 7/14/1999 Aquatic Life Urban Runoff/Storm Sewers - Nutrients	01185234 01177745 01209386 01188872 01171600	Robinson Run Indian Creek Allegheny River Streets Run Chartiers Creek	05020005000007 05020005002077 05030101000483 050301010003523 05010009000487 05030101003729 05030101003729 05030101004556 05010009000003 05020005000169 05020005000475 050301010004505 050301010004505	7/29/2011 6/20/2002 11/26/1997 6/27/2003 7/6/1999 6/21/2005 12/4/1997 10/7/1997 3/2/2011 7/23/2002 2/28/2008 9/2/1997	Fish Consumption Aquatic Life	Source Unknown - PCB Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals ; On site Wastewater - Nutrients Road Runoff - Siltation Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Other Inorganics ; Urban Runoff/Storm Sewers - Oil and Grease Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Small Residential Runoff - Cause Unknown Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids Habitat Modification - Nutrients ; Habitat Modification - Siltation Source Unknown - PCB Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation Agriculture - Nutrients ; Agriculture - Siltation Agriculture - Nutrients ; Agriculture - Siltation Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
	01185234 01177745 01209386 01188872 01171600	Robinson Run Indian Creek Allegheny River Streets Run Chartiers Creek	05020005000007 0502000500007 05030101000483 05030101000487 05030101000548 05030101003729 05030101004556 0501000900003 05020005002169 05020005002169 05030101004505 0503010100089 0503010100089	7/29/2011 6/20/2002 11/26/1997 6/27/2003 7/6/1999 6/21/2005 12/4/1997 10/7/1997 3/2/2011 7/23/2002 2/28/2008 9/2/1997 1/11/2002	Fish Consumption Aquatic Life	Source Unknown - PCB Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals; On site Wastewater - Nutrients Road Runoff - Siltation Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Other Inorganics; Urban Runoff/Storm Sewers - Oil and Grease Road Runoff - Siltation; Small Residential Runoff - Cause Unknown Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Suspended Solids Habitat Modification - Nutrients; Habitat Modification - Siltation Source Unknown - PCB Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Siltation Agriculture - Nutrients; Agriculture - Siltation Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity Source Unknown - PCB; Source Unknown - Chlordane

				Аррс	naix C - impaired waters
GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		05010009000125	12/19/2007	Recreational	Source Unknown - Pathogens
		05030105000548		Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown
		05030101003476		Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
		05030101003476 05010009000955		Recreational Recreational	Source Unknown - Pathogens Source Unknown - Pathogens
		05030101000554		Aquatic Life	Road Runoff - Siltation
01214673	Kaufman Run	05030105005789		Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Siltation
		05010009000148	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009001931		Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
		05010009001931		Recreational	Source Unknown - Pathogens
01209053	Monongahela River	05020005000008	7/29/2011	Fish Consumption	Source Unknown - PCB
01209053	Monongahela River	05020005000008	4/5/2010	Potable Water Supply	Abandoned Mine Drainage - Other Inorganics ; Subsurface Mining - Other Inorganics ; Industrial Point Source - Other Inorganics
	Little Pine Creek	05010009000115		Recreational	Source Unknown - Pathogens
		05010009000124		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000124		Recreational	Source Unknown - Pathogens
	Pine Creek	05010009000065		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000065	12/19/2007	Recreational	Source Unknown - Pathogens
01192169	Blue Run	05010009000212	7/20/1007	Aquatic Life	Small Residential Runoff - Nutrients ; Small Residential Runoff - Siltation ; Road Runoff - Nutrients ; Road Runoff - Siltation
01192109	blue Kull	03010009000212	7/29/1997	Aquatic Life	Siliali nesidentiali Aurioni - Nutrients , Siliali nesidentiali Kunon - Siliationi , Noda Kunon - Nutrients , Koda Kunon - Siliationi
		05010009000197	6/13/2008	Aquatic Life	Small Residential Runoff - Nutrients ; Abandoned Mine Drainage - Siltation ; Small Residential Runoff - Siltation
		05010009000478		Aquatic Life	Abandoned Mine Drainage - Metals
01184110	Plum Creek	05010009000083	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
		05010009000838		Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
		05020005001875		Aquatic Life	Channelization - Other Habitat Alterations
01184482	Pucketa Creek	05010009000585 05010009000423		Aquatic Life Aquatic Life	Urban Runoff/Storm Sewers - Nutrients Small Residential Runoff - Siltation ; Road Runoff - Siltation
01104407	I UCNELO CICER	05010009000423		Aquatic Life	Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations
		55010005000155	.,,,2003	4	
		05020005001996	11/25/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability
01172724	Crooked Run	05020005000537	9/23/2004	Aquatic Life	Bank Modifications - Siltation
		05020005001899		Aquatic Life	Channelization - Other Habitat Alterations
01172724	Crooked Run	05020005000537		Aquatic Life	Bank Modifications - Siltation
		05020005001869	9/24/2004	Aquatic Life	Channelization - Other Habitat Alterations
01184375	Powers Run	05010009000177	7/6/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Other Inorganics ; Urban Runoff/Storm Sewers - Oil and Grease
	Lick Run	05020005001580		Recreational	Source Unknown - Pathogens
01192779	Lick Run	05020005001580	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05010009000157		Recreational	Source Unknown - Pathogens
		05020005001889	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05010009000715	7/21/1000	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients; Removal of Vegetation - Other Habitat Alterations; Bank Modifications - Other Habitat Alterations Road Runoff - Oil and Grease
01183771	Pine Creek	05010009000713		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
	Pine Creek	05010009000151		Recreational	Source Unknown - Pathogens
		05020005001990		Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
	Pine Creek	05010009000146		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000146		Recreational	Source Unknown - Pathogens
		05010009000721		Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
		05010009000721 05010009000148		Recreational Recreational	Source Unknown - Pathogens Source Unknown - Pathogens
01189509	Thompson Run	0502000500148	12/15/2007	Aquatic Life	Abandoned Mine Drainage - Metals
		05020005001995	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
					Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned
	Deer Creek	05010009000092		Aquatic Life	Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Source Unknown - Nutrients
01192514	Girtys Run	05010009000106	//20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000202	7/30/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
01190901	West Branch Deer Creek	05010009000208		Aquatic Life	Construction - Other Habitat Alterations ; Construction - Turbidity ; Construction - Siltatior
	Montour Run	05010009000139	12/19/2007	Recreational	Source Unknown - Pathogens
01190901	West Branch Deer Creek	05010009000208		Aquatic Life	Agriculture - Siltation ; Construction - Siltation
		05010009001024	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000821	6/13/2008	Aquatic Life	Small Residential Runoff - Nutrients ; Abandoned Mine Drainage - Siltation ; Small Residential Runoff - Siltation
01188066	South Fork Montour Run	05030101001511		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Habitat Modification - Siltation
		05020005001842	9/23/2004	Aquatic Life	Channelization - Siltation
	Lick Run	05020005001581	7/28/2010	Recreational	Source Unknown - Pathogens
01192779	Lick Run	05020005001581		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005001593		Recreational	Source Unknown - Pathogens
<u> </u>		05020005001593	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff -
		05020005000709	6/2/2003	Aquatic Life	Agriculture - Silation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runon - Organic Enrichment/Low D.O. ; Road Runon - Siltation
		55020000000	5, 2, 2003	4	Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff -
		05020005002143	6/2/2003	Aquatic Life	Siltation
		05020005001571	5/3/2002	Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Metals
		05020005002070		Recreational	Source Unknown - Pathogens
		05020005002070	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01193698	Wylie Run	05020005000695	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
31133030	,	550205005055	5/20/2002	quado ello	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic
		05020005002051	6/20/2002	Aquatic Life	Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
	Peters Creek	05020005000444		Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Siltation
01183625	Peters Creek	05020005000444	11/18/2009	Recreational	Source Unknown - Pathogens
01181499	Moon Run	05030101001875	1/2/1999	Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Metals
-1101433			1,2,1555		2.2age pri i nomoneo mine orantage suspenata sonias i natinalità mining. Metas
01182584	North Fork Montour Run	05030101001522		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Habitat Modification - Siltation
				-	

	1	1	1	Appei	ndix C - Impaired Waters
GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
01188344	Spruce Run	05030101001291		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Removal of Vegetation - Siltation; Road Runoff - Siltation
		05030101003702	10/10/2006	Aquatic Life	Habitat Modification - Siltation
		05020005002129	6/20/2002	Aquatic Life	Agriculture - Siltation; Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		05020005002123		Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
					-
				A	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low
01181476	Montour Run	05030101001507		Aquatic Life	D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A
		05030101004242	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
01185234	Robinson Run	05030101000489	11/24/1997		Abandoned Mine Drainage - Metals
01183705	Piersons Run	05020005000662	9/22/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
		05030101004162	12/4/1007	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
		03030101004102	12/4/1337	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Suspended Solids;
01185234	Robinson Run	05030101000482	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Siltation
01181476	Montour Run	05030101001501		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Other - Nonpriority Organics ; Other - Unionized A
01181470	IVIOITOUI KUII	05030101001301	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05030101001478		Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
01180774	McLaughlin Run	05030101010693		Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation ; Habitat Modification - Turbidity
		05030101003962	10/12/2006	Aquatic Life	Erosion from Derelict Land - Siltation
		05030101003986	11/25/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
01550003	Monongahela River	05020005000003		Potable Water Supply	Source Unknown - Pathogens
01550003	Monongahela River	05020005000003		Fish Consumption	Source Unknown - PCB
01193108	Perry Mill Run	05020005000699	6/20/2002	Aquatic Life	Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01170439	Brush Creek	05030105000526	9/18/2002	Aquatic Life	Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation
		05020005002033		Recreational	Source Unknown - Pathogens
		05020005002033	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005001948		Aquatic Life	Abandoned Mine Drainage - Metals
00425264	Ohio River	05030101002065		Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101002065	1/31/2007	Recreational	Source Unknown - Pathogens
01181499	Moon Run	05030101001861	1/2/1999	Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Metals
		05020005001821	9/22/2004	Aquatic Life	Channelization - Flow Alterations
01550003	Monongahela River	05020005000005	7/29/2011	Fish Consumption	Source Unknown - PCB
01174586	Fallen Timber Run	05020005000384	6/20/2002	Aquatic Life	Agriculture - Siltation; Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
01174380	ralleri rilliber kuli	05030105000548		Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown
		03030103000310	0/21/2003		Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage -
01171600	Chartiers Creek	05030101000085		Aquatic Life	Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
01171600	Chartiers Creek	05030101000085		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
04403705	tinto B. II Const	05030101001356		Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation
01192795	Little Bull Creek	05010009000226 05030101003790		Aquatic Life Aquatic Life	Agriculture - Siltation Urban Runoff/Storm Sewers - Siltation
		05020005000684		Aquatic Life	Channelization - Siltation
					Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic
		05020005002040		Aquatic Life	Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005001920		Aquatic Life Aquatic Life	Bank Modifications - Siltation
01189505	Thompson Run	05030101003641 05020005000675		Aquatic Life Aquatic Life	Urban Runoff/Storm Sewers - Siltation Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01181477	Montour Run	05010009000139		Recreational	Source Unknown - Pathogens
		05030101003476	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
		05030101003476		Recreational	Source Unknown - Pathogens
01191105 00595217	West Run	05020005001935 05020006000006		Aquatic Life Aquatic Life	Abandoned Mine Drainage - Siltation Source Unknown - Metals
00393217	Youghiogheny River	0302000600000	3/29/2000	Aquatic Life	30urce Officiowit - Metals
01193698	Wylie Run	05020005004014	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
l					Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned
01171600	Chartiers Creek	05030101000076		Aquatic Life	Mine Drainage - Suspended Solids
01171600	Chartiers Creek	05030101000076 05010009000730		Fish Consumption Recreational	Source Unknown - PCB ; Source Unknown - Chlordane Source Unknown - Pathogens
00425264	Ohio River	050301010000730		Fish Consumption	Source Unknown - Patriogeris Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000071		Recreational	Source Unknown - Pathogens
01180774	McLaughlin Run	05030101000464		Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Turbidity
01180774	McLaughlin Run	05030101000464	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
					Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Subsurface Mining -
<u></u>		05030101004224	8/28/1997	Aquatic Life	Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity; Habitat Modification - Siltation
01183771	Pine Creek	05010009001936	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009001936		Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009000836 05010009001934		Aquatic Life Recreational	Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens
01103//1	I IIIC CI CCK	05020005001934		Aquatic Life	Channelization - Siltation
		05020005001814		Aquatic Life	Abandoned Mine Drainage - Siltation
		05030101003586		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05030101003506		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Road Runoff - Siltatior
	Pine Creek	05010009001933		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009001933		Recreational	Source Unknown - Pathogens
		05010009000161	12/13/200/	Recreational	Source Unknown - Pathogens
01192169	Blue Run	05010009000212	7/29/1997	Aquatic Life	Small Residential Runoff - Nutrients ; Small Residential Runoff - Siltation ; Road Runoff - Nutrients ; Road Runoff - Siltation
Ì		05030101003644		Aquatic Life	Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.
01186943	Sandy Creek	05020005000687 05010009000489	9/23/2004 7/12/1999	Aquatic Life Aquatic Life	Channelization - Siltation Municipal Point Source - Chlorine ; Urban Runoff/Storm Sewers - Other Inorganics

				Appei	ndix C - Impaired Waters
GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
	,				
		05030101003586	- 1 1	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		05010009000721		Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
		05010009000721		Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000075		Recreational	Source Unknown - Pathogens
		05010009000729	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000817	6/13/2008	Aquatic Life	Small Residential Runoff - Nutrients ; Abandoned Mine Drainage - Siltation ; Small Residential Runoff - Siltation
			-/-/	A	
01177745	Indian Creek	05010009000487		Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Other Inorganics ; Urban Runoff/Storm Sewers - Oil and Grease
		05010009000479		Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05010009000569		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Habitat Modification - Other Habitat Alterations
01184558	Quigley Creek	05010009001929		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000579		Aquatic Life	Municipal Point Source - Chlorine ; Urban Runoff/Storm Sewers - Other Inorganics
01183771	Pine Creek	05010009000062		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000062		Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009000060		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000060	12/19/2007	Recreational	Source Unknown - Pathogens
01184110	Plum Creek	05010009000085	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
		05010009000582	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
01186943	Sandy Creek	05010009000490	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000592	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01184110	Plum Creek	05010009000078	7/6/1999	Aquatic Life	Urban Runoff/Storm Sewers - Other Inorganics ; Urban Runoff/Storm Sewers - Oil and Grease ; Abandoned Mine Drainage - Metals
			,		
01187035	Sawmill Run	05030101000494	11/25/1997	Aquatic Life	Combined Sewer Overflow - Nutrients ; Combined Sewer Overflow - DO/BOD ; Urban Runoff/Storm Sewers - Water/Flow Variability
		05030101000434		Aquatic Life	Road Runoff - Siltation
		05010009000195		Aquatic Life	Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations
01189972	Turtle Creek	05020005000481		Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01183771	Pine Creek	05010009000059		Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
		05010009000059		Recreational	
01183771 01209386	Pine Creek	05010009000059		Fish Consumption	Source Unknown - Pathogens Source Unknown - PCB
01209386	Allegheny River				
		05010009000077		Recreational	Source Unknown - Pathogens
		05010009000156		Recreational	Source Unknown - Pathogens
		05010009000158		Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000075		Recreational	Source Unknown - Pathogens
01209386	Allegheny River	05010009000005	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01192331	Dawson Run	05010009000199	7/30/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
		05010009000197	6/13/2008	Aquatic Life	Small Residential Runoff - Nutrients ; Abandoned Mine Drainage - Siltation ; Small Residential Runoff - Siltation
01189505	Thompson Run	05020005000674	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01168028	Abers Creek	05020005000653	9/22/2004	Aquatic Life	Channelization - Flow Alterations
					Bank Modifications - Other Habitat Alterations ; Bank Modifications - Siltation ; Bank Modifications - Suspended Solids ; Removal of
01179241	Lewis Run	05020005001575	6/2/2009	Aquatic Life	Vegetation - Other Habitat Alterations; Removal of Vegetation - Siltation; Removal of Vegetation - Suspended Solids; R
01179241	Lewis Run	05020005001575		Recreational	Source Unknown - Pathogens
		05020005001582		Recreational	Source Unknown - Pathogens
		05020005001582		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		05030101001304		Aquatic Life	Abandoned Mine Drainage - Metals
		05050101001501	11/2://1557		Agriculture - Siltation; Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff -
		05020005000709	6/2/2003	Aquatic Life	Silitation
		05020005000703		Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Metals
		03020003001371	3/3/2002	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic
		05020005002052	6/20/2002	Aquatic Life	Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
01102625	Peters Creek	05020005002052			
01183625				Aquatic Life	Abandoned Mine Drainage - Metals
01183625	Peters Creek	05020005000447	7/28/2010	Recreational	Source Unknown - Pathogens
0110303-	Datasa Caral	05030005000	6/20/202	A	Abadasal Miss Davisson Mahala Habas Dasaff (Co. 1)
01183625	Peters Creek	05020005000443		Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Siltation
01183625	Peters Creek	05020005000443	11/18/2009	Recreational	Source Unknown - Pathogens
			l		
		05030101003379	6/27/2003	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Removal of Vegetation - Siltation; Road Runoff - Siltation
			l		
		05030101003549	7/17/2003	Aquatic Life	Abandoned Mine Drainage - Metals ; Upstream Impoundment - Siltation ; Removal of Vegetation - Siltation ; RoadRunoff - Siltation
			1		Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned
01174586	Fallen Timber Run	05020005000384	6/20/2002	Aquatic Life	Mine Drainage - Metals
		05030101001519		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
	-		1		
					Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low
01181476	Montour Run	05030101001504	<u></u>	Aquatic Life	D.O. ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Other - Nonpriority Organics ; Other - Unionized A
01192945	Millers Run	05030101001328	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
01180774	McLaughlin Run	05030101000465	10/1/1997	Aquatic Life	Hydromodification - Water/Flow Variability ; Habitat Modification - Siltation ; Habitat Modification - Turbidity
					·
01180774	McLaughlin Run	05030101004313	10/1/1997	Aquatic Life	Hydromodification - Water/Flow Variability ; Habitat Modification - Siltation ; Habitat Modification - Turbidity
	•		1		
			1		Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low
01181476	Montour Run	05030101001506		Aquatic Life	D.O.; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - pH; Other - Nonpriority Organics; Other - Unionized A
			1	,	, and the state of
01180774	McLaughlin Run	05030101000467	10/1/1007	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation ; Habitat Modification - Other Habitat Alterations
01100//4	IVICEAUGIIIIII NUII	03030101000407	10/1/199/	, iquatic EIIC	
		05020404004204	11/20/100-	Aquatic Lif-	Urban Runoff/Storm Sewers - Nutrients ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Successful Solids
		05030101001294	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Suspended Solids
			1		
l					Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low
01181476	Montour Run	05030101001510		Aquatic Life	D.O. ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Other - Nonpriority Organics ; Other - Unionized A
		05030101001308	11/24/1997	Aquatic Life	Abandoned Mine Drainage - Metals
	-		1		
1			I		Habitat Modification - Turbidity ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned
01209366	Thoms Run	05030101001322		Aquatic Life	Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients ; Habitat Modification - Siltation
		05030101001263	7/17/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation

				Appe	ndix C - Impaired waters
GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
01181476	Montour Run	05030101001502		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Other - Nonpriority Organics ; Other - Unionized A
		05030101001315	11/26/1997		Abandoned Mine Drainage - Metals
		05020006004007		Aquatic Life	Road Runoff - Siltation ; Road Runoff - Cause Unknown ; Atmospheric Deposition - pH
		05020006001700	6/9/2003	Aquatic Life	Abandoned Mine Drainage - Metals
01185234	Robinson Run	05030101000490	12/3/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Nutrients; Abandoned Mine Drainage - Metals
00595217	Youghiogheny River	05020006000006	3/29/2006	Aquatic Life	Source Unknown - Metals
01171600	Chartiers Creek	05030101000073	12/4/1007	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
01171600	Chartiers Creek	05030101000073		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01168028	Abers Creek	05020005000652		Aquatic Life	Channelization - Flow Alterations
01189972	Turtle Creek	05020005001891 05020005000480		Aquatic Life Aquatic Life	Bank Modifications - Siltation Abandoned Mine Drainage - Siltation
01189972	Turtle Creek	05020005000480		Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05020005001604		Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005002111	c /20 /2002	Aquatic Life	Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
01185234	Robinson Run	05030101002070		Aquatic Life	Source Unknown - Cause Unknown
01185234	Robinson Run	05030101002070	11/26/1997		Abandoned Mine Drainage - Metals ; On site Wastewater - Nutrients
01171600	Chartian Caral	05020404000075	12/4/1007	A	Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Siltation; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned
01171600 01171600	Chartiers Creek Chartiers Creek	05030101000075 05030101000075		Aquatic Life Fish Consumption	Mine Drainage - Suspended Solids Source Unknown - PCB ; Source Unknown - Chlordane
01171000	Charters Greek	05030101001356		Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation
01189509	Thompson Run	05020005001947		Aquatic Life	Abandoned Mine Drainage - Metals
01192331	Dawson Run	05010009000198	7/30/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
	Nelson Run	05010009000198		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000824		Aquatic Life	Removal of Vegetation - Nutrients ; Removal of Vegetation - Siltation
		05030101001302	12/2/1007	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Nutrients ; Combined Sewer Overflow - Organic Enrichment/Low D.O.
		03030101001302	12/3/1997	Aquatic Life	Abandoned while brainage - Metals , Orban Kunon/Storm Sewers - Nutrients , Combined Sewer Overhow - Organic Enhichment/Low D.O.
01183212	Painters Run	05030101001490		Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
		05030101003265		Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation
		05010009000491 05010009000718		Aquatic Life Recreational	Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens
01189510	Thompson Run	05020005000664		Aquatic Life	Channelization - Siltation
		05010009001023		Recreational	Source Unknown - Pathogens
01190901 01181477	West Branch Deer Creek Montour Run	05010009000208 05010009000501		Aquatic Life Recreational	Agriculture - Siltation ; Construction - Siltation Source Unknown - Pathogens
01192945	Millers Run	05030101001324		Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05010009000918		Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05010009000585	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000944	8/1/1997	Aquatic Life	Construction - Siltation ; Construction - Flow Alterations ; Construction - Turbidity ; Subsurface Mining - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
		05010005000544	0/1/1557	Aquatic Life	Annue Dramage Wickars , Abandoned Wille Dramage Sammey, 1957 Chronices
01177745	Indian Creek	05010009000487		Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Other Inorganics ; Urban Runoff/Storm Sewers - Oil and Grease
		05010009000159	12/19/2007	Recreational	Source Unknown - Pathogens
		05030101003225	7/24/2003	Aquatic Life	Municipal Point Source - Suspended Solids ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05030101003962		Aquatic Life	Erosion from Derelict Land - Siltation
01168028	Abers Creek	05020005000654	9/22/2004	Aquatic Life	Channelization - Flow Alterations
01188066	South Fork Montour Run	05030101001511		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Habitat Modification - Siltation
		05010009000111		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05020005002071 05020005002071		Recreational Aquatic Life	Source Unknown - Pathogens Urban Runoff/Storm Sewers - Siltation
		05010009000811		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000811		Recreational	Source Unknown - Pathogens
		05020005002099	6/20/2002	Aquatic Life	Agriculture - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.
01168007	Glade Run	05030105000639		Aquatic Life	Agriculture - Siltation ; Agriculture - Nutrients
01187035	Sawmill Run	05030101000495 05010009000831		Aquatic Life Aquatic Life	Combined Sewer Overflow - Nutrients ; Combined Sewer Overflow - DO/BOD ; Urban Runoff/Storm Sewers - Water/Flow Variability Urban Runoff/Storm Sewers - Nutrients ; On site Wastewater - Organic Enrichment/Low D.O
		05010009000831		Aquatic Life Recreational	Urban Runott/Storm Sewers - Nutrients ; On site Wastewater - Organic Enrichment/Low D.O Source Unknown - Pathogens
		05010009000471		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Habitat Modification - Other Habitat Alterations
01170011	Little Dlum C!	05010000000174	7/43/4000	Aquatic Life	Combined Sewer Overflow - Nutrients ; Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease ; Abandoned
01179641	Little Plum Creek	05010009000474 05010009001930		Aquatic Life Aquatic Life	Mine Drainage - Metals Urban Runoff/Storm Sewers - Nutrients
01179641	Little Plum Creek	05010009000477	6/8/1999	Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
01184558	Quiglay Crl-	05010009000583		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01184558	Quigley Creek Girtys Run	05010009001929 05010009000105		Aquatic Life Aquatic Life	Urban Runoff/Storm Sewers - Nutrients Urban Runoff/Storm Sewers - Nutrients
	• • •		, -,		·
01192337	Deer Creek	05010009000093	8/1/1997	Aquatic Life	Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Salinity/TDS/Chlorides; Source Unknown - Nutrients
			-, -, -, -, -, -, -, -, -, -, -, -, -, -		
		05040000000			Construction - Siltation ; Construction - Flow Alterations ; Construction - Turbidity ; Subsurface Mining - Salinity/TDS/Chlorides ; Abandoned
		05010009000181	8/1/1997	Aquatic Life	Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic
		05020005002041	6/20/2002	Aquatic Life	Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		05020005001869	9/24/2004	Aquatic Life	Channelization - Other Habitat Alterations
01182585	North Fork Pine Creek	05020005001847 05010009000155		Aquatic Life Recreational	Channelization - Siltation Source Unknown - Pathogens
01102303	NOTALL OF K LINE CLEEK	05010009000155		Recreational	Source Unknown - Pathogens
		05010009000157	12/19/2007	Recreational	Source Unknown - Pathogens
	North Fork Pine Creek	05010009000155		Recreational	Source Unknown - Pathogens
	Ohio River	05030101000068	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB

Control Cont	
	line Drainage - Salinity/TDS/Chlorides
	als : Abandoned Mine Drainage - Suspended Solids :
Abandoned Mine Drainage - Netlats / Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Siltation	ais , Abandoned Wille Dramage - Suspended Solids ,
	ed Mine Drainage - Salinity/TDS/Chlorides : Abandoneo
	,,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,
01181499 Moon Run	
05020005000501581	ndoned Mine Drainage - Metals
0.1192779 Lick Run	
0.1192779 Lick Run	
Combined Sever Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewer Sever Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewer Sever Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewer Sever Overflow - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals	Motols
05020005002056 6/20/2002 Aquatic Life Enrichment/Low D.O.; Abandoned Mine Drainage - Metals	
	ers - Siltation , Orban Kunon/Storm Sewers - Organic
Peters Creek 05020005000443 6/20/2002 Aquatic Life Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment Source Unknown - Pathogens O1183937 Piney Fork 050200050001586 7/28/2010 Recreational Source Unknown - Pathogens O1183937 Piney Fork 05020005001586 3/25/2010 Aquatic Life Urban Runoff/Storm Sewers - Sitation Agriculture - Organic Enrichment/Low D.O. Apartic Life Urban Runoff/Storm Sewers - Sitation O1183937 O118393	
0.1183937 Piney Fork	
	nt/Low D.O. ; Urban Runoff/Storm Sewers - Siltation
Agriculture - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Roa Organic Enrichment/Low D.O. Agriculture - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Roa Organic Enrichment/Low D.O. Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Roa Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Roa Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Roa Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Roa Organic Enrichment/Low D.O.; Removal of Vegetation -	
05020005002091 6/20/2002 Aquatic Life Organic Enrichment/Low D.O.	to make the make the
05020005000697 6/20/2002 Aquatic Life Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Roa Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Roa Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Roa Organic Enrichment/Low D.O. ; Removal of Vegetation - Ol185234 Robinson Run 05030101000489 11/24/1997 Aquatic Life Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Siltation Abandoned Mine Drainage - Siltation Land Development - Suspended Solids ; Golf Courses - I Land Development - Turbidity Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Siltation Land Development - Turbidity Abandoned Mine Drainage - Siltation Abandoned Mine Drainage - Siltation Sozoooosoooosoooosoooosoooooosoooosoooo	d Runoff - Siltation ; Urban Runoff/Storm Sewers -
O5020005002103 6/20/2002 Aquatic Life Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Roa Organic Enrichment/Low D.O. (Organic Enrichment/Low D.O.) (Organic Enrichment Low	
O5020005002103 6/20/2002 Aquatic Life Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Roa Organic Enrichment/Low D.O. (Organic Enrichment/Low D.O.) (Organic Enrichment Low	u D.O. i Abandanad Mina Drainaga - Matala
O5020005002103 G/20/2002 Aquatic Life Organic Enrichment/Low D.O.	
O1183344 Spruce Run O5030101001291 6/27/2003 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Removal of Vegetation - O1185234 Robinson Run O5030101000489 11/24/1997 Aquatic Life Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Sultation Abandoned Mine Drainage - Sultation Abandoned Mine Drainage - Sultation Land Development - Suspended Solids; Golf Courses - I Land Development - Turbidity Abandoned Mine Drainage - Sultation O5030101003838 12/4/1997 Aquatic Life Abandoned Mine Drainage - Siltation Abandoned Mine Drainage - Siltation O5020005001821 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation O5020005001899 9/24/2004 Aquatic Life Abandoned Mine Drainage - Siltation O5030101003465 6/27/2003 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Removal of Vegetation - Other Habitat Alterations O5030101003465 6/27/2003 Aquatic Life Abandoned Mine Drainage - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment O5030101001495 11/25/1997 Aquatic Life Abandoned Mine Drainage - Suspended Solids O5020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Suspended Solids O5020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Suspended Solids O5020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Suspended Solids O5020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Suspended Solids Abandoned Mine Drainage - Suspended Solids O502006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals O502006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals O50	a Kanon - Sitation , Orban Kanon/Storm Sewers -
Robinson Run 05030101000489 11/24/1997 Aquatic Life Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Siltation Land Development - Siltation Land Development - Siltation Land Development - Siltation Land Development - Turbidity Abandoned Mine Drainage - Siltation Land Development - Turbidity Abandoned Mine Drainage - Siltation Land Development - Siltation Land Development - Siltation Land Development - Turbidity Abandoned Mine Drainage - Siltation Land Development - Turbidity Abandoned Mine Drainage - Siltation Land Development - Turbidity Abandoned Mine Drainage - Siltation Land Development - Turbidity Abandoned Mine Drainage - Siltation Land Development - Si	
	Siltation ; Road Runoff - Siltation
05030101003818 12/4/1997 Aquatic Life	
Land Development - Siltation ; Land Development - Suspended Solids ; Golf Courses - I ; Land Development - Suspended Solids ; Golf Courses - I ; Land Development - Turbidity Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Met Abandoned Mine Drainage - Siltation	als ; Abandoned Mine Drainage - Suspended Solids ;
05030101001355 9/3/1997 Aquatic Life ; Land Development - Turbidity Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Siltation Abandoned Mine Drainage - Siltation O5020005001821 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation O5020005000661 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation O5020005001899 9/24/2004 Aquatic Life Abandoned Mine Drainage - Siltation O5030101003465 O50301003465	
Description	Nutrients; Golf Courses - Organic Enrichment/Low D.O.
05030101003838 12/4/1997 Aquatic Life Abandoned Mine Drainage - Siltation	
05020005001821 9/22/2004 Aquatic Life Channelization - Flow Alterations	als ; Abandoned Mine Drainage - Suspended Solids ;
01183705 Piersons Run 05020005000661 9/22/2004 Aquatic Life Abandoned Mine Drainage - Siltation 05020005001899 9/24/2004 Aquatic Life Channelization - Other Habitat Alterations 05030101003465 6/27/2003 Aquatic Life Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichm Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Suspended Solids O5020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals Apandoned Mine	
05020005001899 9/24/2004 Aquatic Life Channelization - Other Habitat Alterations 05030101003465 6/27/2003 Aquatic Life Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichr Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Suspended Solids 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals	
05030101003465 6/27/2003 Aquatic Life Urban Runoff/Storm Sewers - Sitation ; Urban Runoff/Storm Sewers - Organic Enrichr Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Suspended Solids 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals	
Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Suspended Solids 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Metals	
05030101001495 11/25/1997 Aquatic Life Mine Drainage - Suspended Solids 05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals	nent/Low D.O. ; Road Runoff - Siltation
05020006000729 7/14/2003 Aquatic Life Abandoned Mine Drainage - Metals	ed Mine Drainage - Salinity/TDS/Chlorides ; Abandoned
05020005002077 6/20/2002 Aquatic Life Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Lo	
05020005002077 6/20/2002 Aquatic Life Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Lo	
	w D.O. ; Abandoned Mine Drainage - Metals
05000000 7/47/2000 Agustic Life Abandoned Mine Prainage Metals a Unctream Impoundment Cilitation a Removal of	Variation Cilitation - Board Burnoff Cilitation
05030101003587 7/17/2003 Aquatic Life Abandoned Mine Drainage - Metals ; Upstream Impoundment - Siltation ; Removal of	vegetation - Siltation , Road Runon - Siltation
05030101001264 7/1/2003 Aquatic Life Small Residential Runoff - Organic Enrichment/Low D.O.; Removal of Vegetation - Silt	ation : Road Runoff - Siltation
000001001104 771/2000 Additional Control Contr	ation, road ranon Situation
01183212 Painters Run 05030101001876 10/3/1997 Aquatic Life Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Mo	dification - Turbidity
05030101004263 10/3/1997 Aquatic Life Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Mo	dification - Turbidity
05030101001263 7/17/2003 Aquatic Life Small Residential Runoff - Organic Enrichment/Low D.O.; Road Runoff - Siltation	
01550003 Monongahela River 05020005000002 5/4/2002 Potable Water Supply Source Unknown - Pathogens Source Unknown - Pa	
01550003 Monongahela River 05020005000002 3/2/2011 Fish Consumption Source Unknown - PCB	od Mino Drainago Callait./TDC/Ckl. 11. Alexandra
Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Suspended Solids	eu wiine Dramage - Saiinity/TDS/Uniorides ; Abandoned
01171600 Chartiers Creek 0530101000073 12/4/1399 Aquatic Life Minie Drainage - Suspended Solids 010171600 Chartiers Creek 05030101000073 1/11/2002 [Fish Consumption Source Unknown - PG; Source Unknown - Chlordane	
OSS	
05030101001356 9/2/1997 Aquatic Life Agriculture - Nutrients ; Agriculture - Siltation	
Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Met	als ; Abandoned Mine Drainage - Suspended Solids ;
01171600 Chartiers Creek 05030101000078 12/4/1997 Aquatic Life Abandoned Mine Drainage - Siltation	
05030101001317 11/26/1997 Aquatic Life Abandoned Mine Drainage - Metals	
05010009000723 12/19/2007 Recreational Source Unknown - Pathogens	
01182585 North Fork Pine Creek 05010009000072 12/19/2007 Recreational Source Unknown - Pathogens	
05010009000148 12/19/2007 Recreational Source Unknown - Pathogens 12/19/2007 12/19/2	
01182585 North Fork Pine Creek	
05010009000728 12/19/2007 Recreational Source Unknown - Pathogens 05010009000150 12/19/2007 Recreational Source Unknown - Pathogens 05010009000150 12/19/2007 Recreational Source Unknown - Pathogens 0501000000150 12/19/2007	
0501000900159 12/19/2007 Recreational Source Unknown - Pathogens 05020005002050 7/28/2010 Recreational Source Unknown - Pathogens Source Unknow	
J_J_ACAD report on the control of th	
01170439 Brush Creek 05030105000523 9/18/2002 Aquatic Life Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban	
05030101001359 12/4/1997 Aquatic Life Agriculture - Nutrients ; Construction - Siltation	Runoff/Storm Sewers - Siltation
05030105005788 6/21/2005 Aquatic Life Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown	Runoff/Storm Sewers - Siltation
05030101003476 3/2/2011 Fish Consumption Source Unknown - Dioxins ; Source Unknown - PCB	Runoff/Storm Sewers - Siltation
05030101003476 1/31/2007 Recreational Source Unknown - Pathogens	Runoff/Storm Sewers - Siltation
05030101001500 7/17/2003 Aquatic Life Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O	Runoff/Storm Sewers - Siltation

Section Sect						ndix C - impaired waters
Accessed Company Com	GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
March Marc						
Col.	01192514	Girtys Kun	05010009000106	7/20/1999	Aquatic Life	Orban Runon/Storm Sewers - Nutrients
1977 1970						
Process Proc						
Procedure						
	01103//1	Tille Greek				
1915 1915 Part Cross						
International Content						Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
	01170184	Breakneck Creek	05030105000597	6/26/2002	Aquatic Life	
				- /- /	A	
Machine March Company March Abandone Mine Drawings States Ab	01189972	Turtle Creek				
CONTRIBUTION 1,700,000 2			05030101000470	1/2/1999	Aquatic Life	
			05030101004174	11/25/1997	Aquatic Life	
			05030101004334	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
1939-1937 Principles						
			05010009001005	12/19/2007	Recreational	Source Unknown - Pathogens
	01104110	Diver Const.	05010000000070	7/6/1000	A	Abandanad Mina Darisana Makala Ulahan Dungfi (farana Gausara Obban Inananaina Ulahan Dungfi (farana Gausara Oiland Garan
	01184110	Plum Creek	05010009000079	//6/1999	Aquatic Life	
1979 Portice			05020005002141	6/2/2003	Aquatic Life	
1117172 Dearles Name						
Despin Num						
	01173359	Dolphin Run				
			05010009000797	7/20/1999	Aquatic Life	Urban Kunoπ/Storm Sewers - Nutrients
			0501000000000	7/30/1007	Aguatic Life	Agriculture - Nutrients - Agriculture - Siltation - Construction - Siltation - Abandoned Mine Prainage - Salinity/TDS/Chlorides
1938444 Spruce Run						
1982/256 Ohio Niewr			05010009000955	12/19/2007	Recreational	Source Unknown - Pathogens
1982/256 Ohio Niewr	01100244	Spruca Dup	05020101001201	6/27/2002	Aquatic Life	
October Octo						
Option Construction Silation Construction Flow Alterations Construction Turbidity Subsurface Mining Salinity/TDS/Chorides Abandoned Mine Drainage Abandoned Mine Drainage PM Abandoned						
Option Construction Silation Construction Flow Alterations Construction Turbidity Subsurface Mining Salinity/TDS/Chorides Abandoned Mine Drainage Abandoned Mine Drainage PM Abandoned						
			05010009000169	7/13/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Golf Courses - Pesticides ; Golf Courses - Organic Enrichment/Low D.O.
1182585 North Fork Piner Cevek 650100000000155 12/19/2007 Recreational Source Unknown - Pathagens 65020005002063 3/75/2010 Aquatic Life Urban Runoff/Storm Sewers - Sillation 1/24 Urban Runoff/Storm Sewers - Oli and Grease 1/24 Urban Runoff/Storm Sewers - Ol			0501000000191	9/1/1007	Aguatic Life	
	01182585	North Fork Pine Creek				
			05020005002063	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
1184110 Plum Creek						
			05020005001612	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
	01104110	Dlum Crook	05010000000001	7/6/1000	Agustic Life	Abandanad Mina Drainaga Matala Ulahan Dunaff/Starm Saurara Othor Inorganica Ulahan Dunaff/Starm Saurara Oil and Crassa
	01104110	Plulli Creek				
	01181477	Montour Run				
1913/77 Uck Run						
	01189505	Thompson Run	05020005000677	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01171335 Catfish Run						
1179241 Lewis Run						Course Helmoure Debbosons
Removal of Vegetation - Siltation; Removal of Vegetation - Other Habitat Alterations; Removal of Vegetation - Surpended Solids; Rank Modifications - Other Habitat Alterations; Bank Modifications - Suspended Solids; Rank Modifications - Surpended Solids; Rank Modification - Suspended Solids; Rank						
Dil 179241 Lewis Run OS020005001573 3/30/1099 Aquatic Life Modifications - Siltation; Bank Modifications - Other Habitat Alterations; Bank Modifications - Suspended Solids; R OS020005001573 12/9/2011 Recreational Source Unknown - Pathogens OS020005002045 4/26/2002 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals OS020005002045 4/26/2002 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals OS020005000700 6/20/2002 Aquatic Life Agriculture - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals OS0200050002081 6/20/2002 Aquatic Life Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals OS0200050002043 6/20/2002 Aquatic Life Abandoned Mine Drainage - Metals OS020005000046 6/20/2002 Aquatic Life Abandoned Mine Drainage - Metals Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation OS02000500046 OS02000500046 OS02000500046 OS02000500046 OS02000500046 OS02000500046 OS02000500045 OS02000500045 OS02000500045 OS020005000045 OS020005000005050 OS020005000005050 OS020005000000500	V11/1333	Cacristi Null	0302000300158/	3/23/2010	nquatic till	Orban Nanonystonni sewers - siitation
Dil 179241 Lewis Run OS020005001573 3/30/1099 Aquatic Life Modifications - Siltation; Bank Modifications - Other Habitat Alterations; Bank Modifications - Suspended Solids; R OS020005001573 12/9/2011 Recreational Source Unknown - Pathogens OS020005002045 4/26/2002 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals OS020005002045 4/26/2002 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals OS020005000700 6/20/2002 Aquatic Life Agriculture - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals OS0200050002081 6/20/2002 Aquatic Life Small Residential Runoff - Siltation; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals OS0200050002043 6/20/2002 Aquatic Life Abandoned Mine Drainage - Metals OS020005000046 6/20/2002 Aquatic Life Abandoned Mine Drainage - Metals Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation OS02000500046 OS02000500046 OS02000500046 OS02000500046 OS02000500046 OS02000500046 OS02000500045 OS02000500045 OS02000500045 OS020005000045 OS020005000005050 OS020005000005050 OS020005000000500						Removal of Vegetation - Siltation ; Removal of Vegetation - Other Habitat Alterations ; Removal of Vegetation - Suspended Solids ; Bank
1924 Lewis Run	01179241	Lewis Run	05020005001573	3/30/1999	Aquatic Life	Modifications - Siltation ; Bank Modifications - Other Habitat Alterations ; Bank Modifications - Suspended Solids ; R
D1193108 Perry Mill Run 05020005002045 4/26/2002 Aquatic Life Agriculture - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals 05020005002081 6/20/2002 Aquatic Life Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Combined Sewer Overflow - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Combined Sewer Overflow - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Combined Sewer Overflow - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals (20) Aquatic Life Abandoned Mine Drainage - Metals (20) Advanced Min	01179241	Lewis Run				
O1193108 Perry Mill Run O5020005000700 6/20/2002 Aquatic Life Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Combined Sewer Overflow - Organic Enrichment/Low D.O.; Johandoned Mine Drainage - Metals Combined Sewer Overflow - Organic Enrichment/Low D.O.; Johandoned Mine Drainage - Metals Combined Sewer Overflow - Organic Enrichment/Low D.O.; Johandoned Mine Drainage - Metals Combined Sewer Overflow - Organic Enrichment/Low D.O.; Johandoned Mine Drainage - Metals Combined Sewer Overflow - Organic Enrichment/Low D.O.; Johandoned Mine Drainage - Metals (Combined Sewer Overflow - Organic Enrichment/Low D.O.; Johandoned Mine Drainage - Metals (Combined Sewer Overflow - Organic Enrichment/Low D.O.; Johandoned Mine Drainage - Metals (Combined Sewer Overflow - Organic Enrichment/Low D.O.; Johandoned Mine Drainage - Metals (Combined Sewer Overflow - Organic Enrichment/Low D.O.; Johandoned Mine Drainage - Metals (Combined Sewer Overflow - Organic Enrichment/Low D.O.; Johandoned Mine Drainage - Metals (Combined Sewer Overflow - Organic Enrichment/Low D.O.; Johandoned Mine Drainage - Metals (Combined Sewer Overflow - Organic Enrichment/Low D.O.; Johandoned Mine Drainage - Metals (Combined Sewer Overflow - Organic Enrichment/Low D.O.; Johandoned Mine Drainage - Metals (Combined Sewer Overflow - Organic Enrichment/Low D.O.; Johandoned Mine Drainage - Metals (Combined Sewer Overflow - Organic Enrichment/Low D.O.; Johandoned Mine Drainage - Metals (Combined Sewer Overflow - Organic Enrichment/Low D.O.; Johandoned Mine Drainage - Metals (Combined Sewer Overflow - Organic Enrichment/Low D.O.; Johandoned Mine Drainage - Metals (Combined Sewer Overflow - Organic Enrichment/Low D.O.; Johandoned Mine Drainage - Metals (Combined Sewer Overflow - O						
05020005002081 6/20/2002 Aquatic Life Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals			05020005002045	4/26/2002	Aquatic Life	Urban Kunoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
05020005002081 6/20/2002 Aquatic Life Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals	01193109	Perny Mill Run	05020005000700	6/20/2002	Aquatic Life	Agriculture - Organic Enrichment / Low D.O.: Small Residential Runoff - Organic Enrichment / Low D.O.: Abandoned Mine Prainage - Metals
Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Note and the province of the provinc	01173100	r Ciry Will Null	03020003000700	0/20/2002	r square the	Processor Street Commence Com D.O. , Small residential ration "Organic Enformment/Low D.O. , Abandoned wille Didlinge - Wetals
Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Note and the province of the provinc			05020005002081	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
Peters Creek 05020005000446 6/20/2002 Aquatic Life Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Siltation Source Unknown - Pathogens Agriculture - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation O1183625 Peters Creek 05020005000445 6/20/2002 Aquatic Life Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Siltation O1183625 Peters Creek 05020005000445 11/18/2009 Recreational Source Unknown - Pathogens Agriculture - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity Urban Runoff/Storm Sewers - Siltation ; Abandoned Mine Drainage - Siltation ; Dosonous - Pathogens - Turbidity Osonous - Pathogens - Source Unknown - Pathogens - Source Un						Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation; Urban Runoff/Storm Sewers - Organic
Source Unknown - Pathogens Source Unknown - Pathogens Agriculture - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation			05020005002043	6/20/2002	Aquatic Life	Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
Source Unknown - Pathogens Source Unknown - Pathogens Agriculture - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation						
Agriculture - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation Abandoned Mine Drainage - Metals; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urb						
0113625 Peters Creek 05020005000445 6/20/2002 Aquatic Life Metals ; Road Runoff - Siltation 01183625 Peters Creek 05020005000445 11/18/2009 Recreational Source Unknown - Pathogens 05020005000110 6/20/2002 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Siltation 05020005002110 6/20/2002 Aquatic Life Office Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Siltation ; U	V11030Z3	i cicis cidek	03020003000440	11/10/2009	ncci cauolidi	
Peters Creek 05020005000445 6/20/2002 Aquatic Life Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Siltation Source Unknown - Pathogens Agriculture - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.	01174586	Fallen Timber Run	05020005000384	6/20/2002	Aquatic Life	
05020005000445 11/18/2009 Recreational Source Unknown - Pathogens Agriculture - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals 05030101004265 10/3/1997 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals 05030101004265 10/3/1997 Aquatic Life Habitat Modification - Siltation; Habitat Modification - Suspended Solids; Habitat Modification - Turbidity 05030101003624 11/4/2003 Aquatic Life Urban Runoff/Storm Sewers - Siltation 0503010100338 8/19/1997 Aquatic Life Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity 05010009000954 12/19/2007 Recreational Source Unknown - Pathogens						
Agriculture - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals						
05020005002110 6/20/2002 Aquatic Life Organic Enrichment/Low D.O.	01183625	Peters Creek	05020005000445	11/18/2009	Recreational	
05030101001520 Aquatic Life Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals 05030101004265 10/3/1997 Aquatic Life Habitat Modification - Siltation; Habitat Modification - Suspended Solids; Habitat Modification - Turbidity 05030101003624 11/4/2003 Aquatic Life Urban Runoff/Storm Sewers - Siltation 0503010100338 8/19/1997 Aquatic Life Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Turbidity 0501000900954 12/19/2007 Recreational Source Unknown - Pathogens			05020005000	c /a = /a = -	A	
05030101004265 10/3/1997 Aquatic Life Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity 05030101003624 11/4/2003 Aquatic Life Urban Runoff/Storm Sewers - Siltation 0503010100338 8/19/1997 Aquatic Life Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity 0501000900954 12/19/2007 Recreational Source Unknown - Pathogens				6/20/2002		
05030101003624 11/4/2003 Aquatic Life Urban Runoff/Storm Sewers - Siltation 05030101001338 8/19/1997 Aquatic Life Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity 0501000900954 12/19/2007 Recreational Source Unknown - Pathogens			05030101001520		Aquatic Life	Orban Nanonystorm sewers - Organic Emicriment/LOW D.O. ; Abandoned Mine Dramage - Metals
05030101003624 11/4/2003 Aquatic Life Urban Runoff/Storm Sewers - Siltation 05030101001338 8/19/1997 Aquatic Life Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity 0501000900954 12/19/2007 Recreational Source Unknown - Pathogens			05030101004265	10/3/1997	Aquatic Life	Habitat Modification - Siltation : Habitat Modification - Suspended Solids : Habitat Modification - Turbidity
05030101001338 8/19/1997 Aquatic Life Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity 0501000900954 12/19/2007 Recreational Source Unknown - Pathogens						
01188872 Streets Run 05020005000473 2/28/2008 Aquatic Life Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation		·				
	01188872	Streets Run	05020005000473	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation

	ı		1	Appe	ndix C - impaired waters
GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
01181499	Moon Run	05030101001875	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Suspended Solids
		05030101003965	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Suspended Solids; Abandoned Mine Drainage - Siltation
01183212	Painters Run	05030101001876		Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
		05030101003830	6/4/2004	Aquatic Life	Abandoned Mine Drainage - Metals Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Suspended Solids;
		05030101003837	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Siltation
		05030101001314	12/3/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Nutrients ; Combined Sewer Overflow - Organic Enrichment/Low D.O.
		05030101004459	10/2/1997	Aquatic Life	Hydromodification - Flow Alterations; Hydromodification - Other Habitat Alterations; Habitat Modification - Flow Alterations; Habitat Modification - Other Habitat Alterations
		05030101003860	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides; Abandoned Mine Drainage - Metals; Abandoned Mine Drainage - Suspended Solids; Abandoned Mine Drainage - Siltation
		05020005000686		Aquatic Life	Channelization - Siltation
01168028	Abers Creek	05020005000654	9/22/2004	Aquatic Life	Channelization - Flow Alterations
01168028	Abers Creek	05020005000654		Aquatic Life	Channelization - Flow Alterations
		05020005001614		Aquatic Life	Bank Modifications - Siltation
		05020005001614	9/24/2004	Aquatic Life	Bank Modifications - Siltation
01185234	Robinson Run	05030101000490	12/3/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.; Urban Runoff/Storm Sewers - Nutrients; Abandoned Mine Drainage - Metals
01103234	NOBITISOTI NUTI	05030101000490		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Road Runoff - Siltation
		05030101003687	1,20,2000	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		05030101003577	7/17/2003	Aquatic Life	Road Runoff - Siltation
					Urban Runoff/Storm Sewers - Nutrients ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; On site
		05030101000407		Aquatic Life	Wastewater - Nutrients
01175917	Graesers Run	05030101010694		Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation ; Habitat Modification - Turbidity
ļ		05030101000554		Aquatic Life	Road Runoff - Siltation
-		05030101003672		Aquatic Life	Habitat Modification - Siltation - Habitat Modification - Turbidity
-		05030101010708 05030101010708		Aquatic Life Fish Consumption	Habitat Modification - Siltation ; Habitat Modification - Turbidity Source Unknown - PCB ; Source Unknown - Chlordane
		05050101010700	1/11/2002	risii consumption	Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Removal of
		05030101001272	7/31/2003	Aquatic Life	Vegetation - Siltation
		05030101003638		Aquatic Life	Urban Runoff/Storm Sewers - Siltation
					Industrial Point Source - Priority Organics ; Municipal Point Source - Organic Enrichment/Low D.O. ; Removal of Vegetation - Other Habitat
01183625	Peters Creek	05020005000442		Aquatic Life	Alterations
01183625	Peters Creek	05020005000442		Potable Water Supply	Source Unknown - Pathogens
01183625	Peters Creek	05020005000442		Recreational	Source Unknown - Pathogens
01550003	Monongahela River	05020005000011	//29/2011	Fish Consumption	Source Unknown - PCB
01550003	Monongahela River	05020005000011	4/5/2010	Potable Water Supply	Abandoned Mine Drainage - Other Inorganics ; Subsurface Mining - Other Inorganics ; Industrial Point Source - Other Inorganics Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned
01174586	Fallen Timber Run	05020005000384	6/20/2002	Aquatic Life	Mine Drainage - Metals
01550003	Monongahela River	05020005001636		Fish Consumption	Source Unknown - PCB
01550003	Monongahela River	05020005001636	4/5/2010	Potable Water Supply	Abandoned Mine Drainage - Other Inorganics ; Subsurface Mining - Other Inorganics ; Industrial Point Source - Other Inorganics
		05030101003962		Aquatic Life	Erosion from Derelict Land - Siltation
		05030101001480	10/7/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
01171600	Chartiers Creek	05030101010705	0/2/1007	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
01171600	Chartiers Creek	05030101010705		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05010009000825		Aquatic Life	Removal of Vegetation - Nutrients ; Removal of Vegetation - Siltation
		05030101003586		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals
		05030101010928	11/26/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O.
01170184	Breakneck Creek	05030105000596		Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05010009000723		Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
		05010009000803		Recreational	Source Unknown - Pathogens
		05010009000730	C 10 14 000	Recreational	Source Unknown - Pathogens
-		05010009000575		Aquatic Life Aquatic Life	Abandoned Mine Drainage - Metals Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
		05010009000473		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients , Orban Runoff/Storm Sewers - Siltation
		05030105000616		Aquatic Life	Small Residential Runoff - Siltation ; Road Runoff - Siltation
		05030101003525	7/17/2003	Aquatic Life	Abandoned Mine Drainage - Metals
l				<u> </u>	
1				l	Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned
		05010009000931		Aquatic Life	Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
	 	05020005002010	5/1/2002	Aquatic Life	Road Runoff - Siltation
					Bank Modifications - Other Habitat Alterations; Bank Modifications - Siltation; Bank Modifications - Suspended Solids; Removal of
1		05020005002013	6/2/2009	Aquatic Life	Vegetation - Other Habitat Alterations; Removal of Vegetation - Siltation; Removal of Vegetation - Suspended Solids; R
		05020005002013		Recreational	Source Unknown - Pathogens
		05020005001996		Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability
01172838	Cunningham Run	05010009000194	4/7/2009	Aquatic Life	Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations
					Construction - Siltation; Construction - Flow Alterations; Construction - Turbidity; Subsurface Mining - Salinity/TDS/Chlorides; Abandoned
<u></u>	<u> </u>	05010009000944	8/1/1997	Aquatic Life	Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
01193648	Wexford Run	05010009000147		Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
01193648	Wexford Run	05010009000147		Recreational	Source Unknown - Pathogens
01192514	Girtys Run	05010009000105		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
	i .	05010009000959	12/19/2007	Recreational	Source Unknown - Pathogens Likean Buneff (Starts Source Nutrients - Removal of Veretation Other Habitat Alterations - Paul Medifications - Other Habitat - Paul Medifications - Other - Paul Medifications - Other - Paul Medifications - Other - Paul Medifications -
				i	Urban Runoff/Storm Sewers - Nutrients; Removal of Vegetation - Other Habitat Alterations; Bank Modifications - Other Habitat Alterations
01102514	Girtus Pun	0501000000107	7/21/1000	Aguatic Life	Road Runoff - Oil and Grease
01192514	Girtys Run	05010009000107 05010009000112		Aquatic Life	Road Runoff - Oil and Grease Lirhan Runoff/Storm Sewers - Nutrients
01192514	Girtys Run	05010009000112	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01192514	Girtys Run		7/20/1999 7/21/1999		
01183771	Pine Creek	05010009000112 05010009001931 05010009001931 05010009000145	7/20/1999 7/21/1999 12/19/2007 7/21/1999	Aquatic Life Aquatic Life Recreational Aquatic Life	Urban Runoff/Storm Sewers - Nutrients Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771		05010009000112 05010009001931 05010009001931 05010009000145 05010009000145	7/20/1999 7/21/1999 12/19/2007 7/21/1999 12/19/2007	Aquatic Life Aquatic Life Recreational Aquatic Life Recreational	Urban Runoff/Storm Sewers - Nutrients Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens Land Development - Siltation ; Small Residential Runoff - Nutrients Source Unknown - Pathogens
01183771 01183771	Pine Creek	05010009000112 05010009001931 05010009001931 05010009000145	7/20/1999 7/21/1999 12/19/2007 7/21/1999 12/19/2007 7/20/1999	Aquatic Life Aquatic Life Recreational Aquatic Life	Urban Runoff/Storm Sewers - Nutrients Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients Source Unknown - Pathogens Land Development - Siltation ; Small Residential Runoff - Nutrients

	Appendix of Imparious states of					
GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source	
01183771	183771 Pine Creek 05010009000151 12/19/2007 Recreational Source		Recreational	Source Unknown - Pathogens		
		05010009000720	12/19/2007	Recreational	Source Unknown - Pathogens	
		05010009000148	12/19/2007	Recreational	Source Unknown - Pathogens	
		05010009000720	12/19/2007	Recreational	Source Unknown - Pathogens	
		05020005002111		Aquatic Life	Agriculture - Organic Enrichment/Low D.O.; Small Residential Runoff - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals	
		05010009000148	12/19/2007	Recreational	Source Unknown - Pathogens	
		05030105000548		Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown	
01187802	Sleepy Hollow Run	05020005001590	7/28/2010	Recreational	Source Unknown - Pathogens	
01187802	Sleepy Hollow Run	05020005001590	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation	
		05020005002049	7/28/2010	Recreational	Source Unknown - Pathogens	
		05020005002049	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation	
		05020005002108	6/20/2002	Aquatic Life	Agriculture - Organic Enrichment/Low D.O.; Abandoned Mine Drainage - Metals; Road Runoff - Siltation; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.	
01209053	Monongahela River	05020005001618	5/4/2002	Potable Water Supply	Source Unknown - Pathogens	
		05030101001268		Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O.; Removal of Vegetation - Siltation; Road Runoff - Siltation	
01209053	Monongahela River	05020005000008	7/29/2011	Fish Consumption	Source Unknown - PCB	
01209053	Monongahela River	05020005000008		Potable Water Supply	Abandoned Mine Drainage - Other Inorganics; Subsurface Mining - Other Inorganics; Industrial Point Source - Other Inorganics	
01209386	Allegheny River	05010009000004		Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane	
		05010009000479	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH	
		05020005002030	2/20/1000	Aquatic Life	Removal of Vegetation - Siltation ; Removal of Vegetation - Other Habitat Alterations ; Removal of Vegetation - Suspended Solids ; Bank Modifications - Siltation ; Bank Modifications - Other Habitat Alterations ; Bank Modifications - Suspended Solids ; R	
		05020005002030		Recreational	Source Unknown - Pathogens	
01182244	Nelson Run	05010009000712		Aquatic Life	Urban Runoff/Storm Sewers - Nutrients	
01102244	INCISUII IVUII	03010003000712	7/20/1999	Aquatic Life	orban Kunon/storm sewers - Nutrients	

APPENDIX D Information Request Form and Form A

ALLEGHENY COUNTY WATERSHEDS ACT 167

Stormwater Management Plan

Information Request Form

PLEASE COMPL TO:	ETE THE FOLLOWING AND RE	TURN THE	FORM (e	mail preferred) AND MARKED UP MAP
Chad Davis				
Michael Baker Jr.				
100 Airside Drive				
Moon Township,		0077		
Email: <u>cdavis@m</u>	bakercorp.com Phone: 412.375.3	3077		
Person completi	ng form			
Watershed				
Municipality				
Name				
Phone				
e-mail				
1. Does your mu	nicipality have the following?			
	ns / Ordinances listed, please list ution / Ordinance is found in the			
Use the follow	ring abbreviations for the "Location	on" column:		
CP = comprehe	nsive plan	ZO = zoning	g ordinand	e
BC = building co	ode	SO = separ	ate ordina	ince
SL = subdivision	n/land development ordinance			
		Yes	No	Location/Date
Comprehensive PI	an			
Zoning Ordinance				
	Development Ordinance			
Floodplain Regulat	•			
	gement Regulations *			
Erosion Control Re				
Drainage Regulation	ons *			

	ons? (CIRCLE ONE) Yes				No	
If yes, is y	our small MS4 Municipality currently in	compliance with	h the NPDI	ES Phase II F	Permit?	
-	Yes				No	
	ershed Plan will address five key storm how important you believe it is to add				listed below.	Please
Consideration	ı	Very Important				Not Important
	· 	5	4	3	2	1
Peak Flow	Increased flows from stormwater runoff contribute to stream erosion, localized ponding and flooding, may cause damage to infrastructure (roads, sewers, etc.).					
Water Quality	Dissolved and un-dissolved pollutants washed off the land surface - negative impacts to recreation, aesthetics and instream habitat.					
Groundwater Recharge	Increased runoff decreases amount of rain that becomes groundwater; decreased groundwater supplies may have negative effects on well water supplies and decrease or dry up stream base flow in dry periods.					
Stream Erosion	Eroding banks and beds may undercut roads and utilities, damages in-stream habitat, clog culverts and bridges.					
Flooding Larger scale overbank flows such as the 100-year flood associated with extreme storm events						
Would you like to see information on any of the following presented at a Watershed Plan Advisory Committee meeting? Yes Maybe No Best Management Practices □ □ □ □ Model/Implemented Ordinances □ □ □ Information on Act 167 reimbursements □ □ □						

5. What is the most important stormwater related issue to your municipality?				
5A. Do you work with neighboring municipalities regarding stormwater issues/problems? If so which ones?				
6. Would you suggest any other agencies or organizations that should be included on the Watershed Plan Advisory Committee? If so, please give contact information below:				
Name				
Organization				
Address				
Phone				
e-mail				
7. Please provide any input you feel is relevant regarding current watershed management procedures.				

8. Please complete problem area maps for your municipality which will aid us in developing a plan to address the issues you raise.

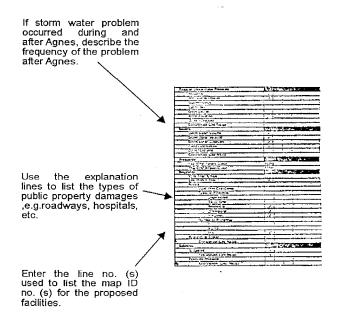
FORM A - STORMWATER PROBLEM AREAS SHEET OF						
WATERSHED	FORM COMPLETED BY	Before Filling Out Form, See Instructions On Website				
Name:	Name:					
Municipality:	Telephone:	For County Use:				
County: Allegheny	Date:	,				
		1				
Point Name						
Types of Stormwater Problems						
Flooding						
Accelerated Erosion						
Sedimentation						
Landslide						
Groundwater						
Water Pollution						
Other (Explain)						
Explanation Line No. (On Back)						
Cause (s)						
Stormwater Volume						
Stormwater Velocity						
Stormwater Direction						
Water Obstruction						
Other (Explain)						
Explanation Line No. (On Back)						
Frequency						
Year Most Recent Occurred						
Year First Known Occurred						
Regularity						
More Than 1 Year						
Less Than 1 Year						
Only During Ivan						
Only During Agnes						
Duration (If Applicable)						
Less Than 1 Day						
1 Day + (Enter Days)	1 1 1 1					
Property Damage						
Loss of Life/Vital Services						
Private						
More Than One Owner						
Types of Properties	1 1 1 1					
Number of Properties	 					
Public (List Types)	 					
Explanation Line No. (On Back)	1 1 1 1					
Solutions						
Suggested						
Explanation Line No. (On Back)	 					
Formally Proposed	 					
Explanation Line No. (On Back)	1 1 1 1					

INSTRUCTIONS

Begin with A.1 as the first map number to identify the first' storm water problem area. Illustrate the defined problem on the watershed map provided, and identify it with its map number.

For each storm water problem area within your municipality, enter the map identification number at the head of the column. Describe the problem by placing a check (4 in the appropriate blocks of the column under this map identification

When an additional explanation is required, write the line number(s) used in the column marked "Explanation Line No. (s)".Example 1, 2-3, etc.



Definitions

Storm Water Problem Area

An area that defines the farthest extent of a storm water problem, including any area that experiences property damage, inundation, accelerated erosion, surface water pollution, groundwater pollution, landslides, or any other problem as a result of storm water runoff.

Groundwater
Water in the ground below the water table.

Accelerated Erosion

The removal of the surface of the land through the combined action of man's activities and the natural processes at a rate greater than would occur because of the natural process alone.

Sedimentation

The process by which soil or other surface materials, transported by surface water, is deposited on stream bottoms.

Water Obstruction

Any dike, bridge, culvert, wall, wingwall, fill, pier, wharf, embankment, abutment, or other structure located in, along, across, or projecting into any watercourse, floodway, or body of water.

EXPLANATION LINES (continued)				
	<u> </u>			

APPENDIX E Information Request Form and Form A Summary of Results

Questions associated with the Information Request Form Summary Table

Question 1. Does your Municipality have...?

Question 2. Is your Municipality considered a small MS4 Municipality under the current NPDES Phase II stormwater regulations? (Yes or No)

Question 3. The Watershed Plan will address five key stormwater considerations. These five are listed below. Please indicate how important you believe it is to address each consideration. (5-Very Important) to (1-Not Important)

Question 4. Would you like to see information on any of the following presented at the WPAC meeting?

Question 5. What is the most important stormwater related issue to your Municipality?

Question 5A. Do you work with neighboring municipalities on stormwater issues/problems? (Yes or No)





Table A - Summary Table of Municipality Information Provided Through the Information Request Form

					Q1				Q2			Q3				Q4		Q5	Q5A
Region	Municipality	Comprehensive Plan	Zoning Ordinance	SALDO	Floodplain Regulations	Stormwater Regulations	Erosion Control Regulations	Drainage Regulations	ls municipality a small MS4 under current NPDES Phase II	Peak Flow	Water Quality	Groundwater Recharge	Stream Erosion	Flooding	See info on BMP's	See info on model / implementing ordinances	See info on ACT 167 reimbursements	Filled out most important issue question	Do you work with neighboring municipalities
1	Baldwin Borough	Inform	natior	n Not I	Provid	ed													
1	Baldwin Township	N	Υ	Υ	N	Υ	Υ	Υ	Υ	5	5	5	5	5	N	Υ	Υ	Υ	N
1	Brentwood Borough	N	Υ	Υ	Υ	Υ	Υ	Υ	Υ	4	3	1	2	1	Υ	Υ	N	Υ	Υ
1	9	Inform	matior	Not I	Provid	ed													
1		Inform	natior	n Not I	Provid	ed													
1	Castle Shannon Borough	Inform	Information Not Provided																
1	City of Duquesne	N	Υ	Υ	Υ	Υ	N	N	Υ	3	1	1	4	3	Υ	N	N	Υ	N
1	Clairton City	Inform	matior	n Not I	Provid	ed													
1	Collier Township	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	5	3	5	4	Υ	N	N	Υ	Υ
1	Coraopolis Borough	N	Υ	N	Υ	Υ	N	N	Υ	5	2	1	1	2	Υ	Υ	N	Υ	Υ
1	Crafton Borough	N	Υ	Υ	Υ	N	N	N	N	5	3	1	2	1	Υ	Υ	Υ	Υ	Υ
1	Crescent Township	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	3	2	4	5	Υ	Υ	Υ	Υ	Υ
1	Dormont Borough	Υ	Υ	Υ	N	Υ	Υ	N	Υ	5	3	4	1	3	N	N	Υ	Υ	N
1	Dravosburg Borough	N	Υ	N	Υ	Υ	N	N	Υ	4	2	1	4	5	Υ	Υ	Υ	Υ	N
1	Findlay Township	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	3	3	3	3	3	N	N	N	Υ	Υ
1		Inform	natior	Not I	Provid	ed													
1	Heidelberg Borough	Υ	Υ	N	Υ	Υ	Υ	Υ	Υ	5	3	2	3	5	N	Υ	N	Υ	Υ
1	Homestead Borough	Υ	Υ	Υ	N	Υ	N	N	Υ	4	2	1	4	3	Υ	Υ	Υ	Υ	N
1	Ingram Borough	N	Υ	N	N	Υ	N	N	Υ	4	2	2	2	4	Υ	N	N	Υ	Υ
1	Jefferson Hills Borough	Inform	natior	Not I	Provid	ed													
1	Kennedy Township	Υ	Υ	Υ	Υ	Υ	Υ	Υ	N	5	3	5	5	5	Υ	Υ	N	Υ	Υ
1	McDonald Borough	Inform	natior	Not I	Provid	ed													





Table A - Summary Table of Municipality Information Provided Through the Information Request Form (continued)

					Q1				Q2			Q3				Q4		Q5	Q5A
Region	Municipality	Comprehensive Plan	Zoning Ordinance	SALDO	Floodplain Regulations	Stormwater Regulations	Erosion Control Regulations	Drainage Regulations	Is municipality a small MS4 under current NPDES Phase II	Peak Flow	Water Quality	Groundwater Recharge	Stream Erosion	Flooding	See info on BMP's	See info on model / implementing ordinances	See info on ACT 167 reimbursements	Filled out most important issue question	Do you work with neighboring municipalities
1	McKees Rocks Borough	Infor	matio	n Not	Provid	led													
1	Moon Township	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	3	2	5	4	Υ	Υ	Υ	Υ	N
1	Mount Oliver Borough	Υ	Υ	Υ	N	Υ	Υ	Υ	Υ	5	4	3	4	5	Υ	Υ	Υ	Υ	Υ
1	Munhall Borough	Infor	matior	Not	Provid	led													
1	Municipality of Bethel Park	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	2	2	4	5	Υ	N	Υ	Υ	Υ
1	Municipality of Mount Lebanon	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	3	3	4	4	Υ	N	Υ	Υ	Υ
1	Neville Township	Infori		Not	Provid														
1	North Fayette Township	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	5	5	5	5	Υ	Υ	Y	Υ	Υ
1	Oakdale Borough	Infor	matior	Not	Provid	led													
1	Pennsbury Village Borough	N	N	N	N	N	N	N	Υ	5	4	4	5	5	Υ	Y	Y	N	N
1	Pleasant Hills Borough	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	4	3	4	5	Υ	Υ	Υ	Υ	Υ
1	Robinson Township				Provid														
1	Rosslyn Farms Borough				Provid														
1	Scott Township	Infor	mation	n Not	Provid	led													
1	South Fayette Township	Υ	Υ	Υ	Υ	Υ	Υ	N	Υ	5	5	5	5	5	Υ	Υ	Υ	Υ	N
1	South Park Township	Υ	Υ	Υ	Υ	Υ	Υ	N	Υ	5	3	1	3	3	Υ	Υ	N	Υ	Υ
1	Stowe Township				Provid														
1	Thornburg Borough	Infor	mation	n Not	Provid	led													
1	Upper St. Clair Township	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	3	5	4	4	4	Υ	Υ	Υ	Υ	Υ
1	West Elizabeth Borough	N	N	N	Υ	N	N	N	N	5	2	2	5	3	Υ	Υ	N	Υ	N
1	West Homestead Borough	Infor	mation	n Not	Provid	led													
1	West Mifflin Borough	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	4	4	5	0	Υ	Υ	Υ	Υ	N





Table A - Summary Table of Municipality Information Provided Through the Information Request Form (continued)

					Q1				Q2			Q3				Q4		Q 5	Q5A
Region	Municipality	Comprehensive Plan	Zoning Ordinance	SALDO	Floodplain Regulations	Stormwater Regulations	Erosion Control Regulations	Drainage Regulations	Is municipality a small MS4 under current NPDES Phase II	Peak Flow	Water Quality	Groundwater Recharge	Stream Erosion	Flooding	See info on BMP's	See info on model / implementing ordinances	See info on ACT 167 reimbursements	Filled out most important issue question	Do you work with neighboring municipalities
1	Whitaker Borough	N	Υ	Υ	Υ	Υ	N	N	Υ	5	5	5	5	5	Υ	Υ	N	Υ	Υ
1	Whitehall Borough	N	Υ	Υ	N	Υ	Υ	Υ	Υ	5	4	2	2	5	Υ	N	Ν	Υ	Υ
2	Aleppo Township	Inforr	natior	Not l	Provid	ed													
2	Aspinwall Borough	N	Υ	Υ	Υ	N	N	N	Υ	3	2	1	4	4	Υ	Υ	Υ	Υ	N
2	Avalon Borough	Inforr	natior	Not I	Provid	ed													
2	Bell Acres Borough	Υ	Υ	Υ	N	Υ	Υ	Υ	Υ	2	4	2	4	4	Υ	N	Υ	Υ	Υ
2	Bellevue Borough	Inforr	natior	Not I	Provid	ed													
2	Ben Avon Borough	N	Υ	N	Υ	Υ	Υ	Υ	Υ	5	4	3	5	5	Υ	Υ	Υ	Υ	Υ
2	Ben Avon Heights Borough				Provid														
2	Blawnox Borough	Inforr	natior	n Not	Provid	led													
2	Brackenridge Borough	Inforr	natior	Not I	Provid	ed													
2	Bradford Woods Borough	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	2	2	2	4	Υ	Υ	N	Υ	Υ
2	Cheswick Borough	N	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	4	4	3	5	Υ	Υ	N	Υ	N
2	East Deer Township	Inforr	natior	Not	Provid														
2	Edgeworth Borough	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	3	2	4	4	Υ	Υ	Υ	Υ	Υ
2	Emsworth Borough	Inforr	natior	Not	Provid														
2	Etna Borough	Υ	Υ	N	Υ	Υ	Υ	Υ	Υ	5	4	3	5	5	Υ	Υ	N	Υ	Υ
2	Fawn Township	Inforr	natior	Not I	Provid	ed													
2	Fox Chapel Borough	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	4	2	4	4	1	Υ	N	N	Υ	Υ
2	Franklin Park Borough	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	4	3	4	3	2	Υ	N	N	Υ	N
2	Frazer Township	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	5	5	5	5	N	N	Υ	Υ	N
2	Glen Osborne Borough	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	4	4	5	5	Υ	Y	Y	Υ	Y





Table A - Summary Table of Municipality Information Provided Through the Information Request Form (continued)

					Q1				Q2			Q3				Q4		Q5	Q5A
Region	Municipality	Comprehensive Plan	Zoning Ordinance	SALDO	Floodplain Regulations	Stormwater Regulations	Erosion Control Regulations	Drainage Regulations	Is municipality a small MS4 under current NPDES Phase II	Peak Flow	Water Quality	Groundwater Recharge	Stream Erosion	Flooding	See info on BMP's	See info on model / implementing ordinances	See info on ACT 167 reimbursements	Filled out most important issue question	Do you work with neighboring municipalities
2	Glenfield Borough	Infor	matior	n Not I	Provid	ed													
2	Hampton Township	Υ	Υ	Υ	Υ	Υ	Υ	N	Υ	5	4	3	5	5	Υ	Υ	Υ	Υ	Υ
2	Harmar Township	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	5	5	5	5	Υ	Υ	Υ	Υ	
2	Harrison Township	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	4	2	3	3	N	N	Υ	Υ	N
2	Haysville Borough			n Not I															
2	Indiana Township	_		n Not I															
2	Kilbuck Township			n Not I															
2	Leet Township			n Not I															
2	Leetsdale Borough			Not I	1														
2	Marshall Township	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	4	4	5	4	Υ	N	N	Υ	Υ
2	McCandless Township	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	4	4	4	5	Υ	Υ	Υ	Υ	Υ
2	Millvale Borough	Infor	matior	Not I	Provid	ed													
2	O'Hara Township	Υ	Υ	Υ	N	Υ	N	N	Υ	4	4	2	4	4	Υ	N	N	Υ	Υ
2	Ohio Township	Υ	Υ	Υ	Υ	Υ	N	N	Υ	2	2	2	2	4	Υ	Υ	N	Υ	Υ
2	Pine Township			Not I															
2	Reserve Township	N	Υ	N	Υ	Υ	Υ	N	Υ	5	5	5	5	5	N	Y	N	Υ	Υ
2	Richland Township			n Not I															
2	Ross Township	Information Not Provided																	
2	Sewickley Borough	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	4	3	4	5	5	Υ	Υ	N	Υ	Υ
2	Sewickley Heights Borough	Υ	Υ	Υ	Υ	Υ	Υ	N	Υ	5	5	5	5	5	N	N	Υ	Υ	N
2	Sewickley Hills Borough	Infor	matior	Not I	Provid														
2	Shaler Township	N	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	4	3	4	5	Υ	Υ	Υ	Υ	Υ





Table A - Summary Table of Municipality Information Provided Through the Information Request Form (continued)

					Q1				Q2			Q3				Q4		Q5	Q5A
Region	Municipality	Comprehensive Plan	Zoning Ordinance	SALDO	Floodplain Regulations	Stormwater Regulations	Erosion Control Regulations	Drainage Regulations	ls municipality a small MS4 under current NPDES Phase II	Peak Flow	Water Quality	Groundwater Recharge	Stream Erosion	Flooding	See info on BMP's	See info on model / implementing ordinances	See info on ACT 167 reimbursements	Filled out most important issue question	Do you work with neighboring municipalities
2	Sharpsburg Borough	N	Υ	Υ	Υ	N	N	N	N	5	5	4	5	5	Υ	Υ	Υ	Υ	Υ
2	Springdale Borough	Inforr	matior	Not I	Provid	led													
2	Springdale Township	Inforr	matior	Not I	Provid	led													
2	Tarentum Borough	Υ	Υ	Ν	N	N	N	Ν	Υ	5	5	4	5	5	Υ	Υ	Υ	Υ	N
2	West Deer Township	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	4	3	2	3	4	Υ	Υ	N	Υ	N
2	West View Borough	N	Υ	Υ	Υ	Υ	N	N	Υ	4	3	1	5	5	Υ	Υ	Υ	Υ	N
3	Braddock Borough	N	Υ	N	Υ	N	N	N	Υ	4	2	1	1	5	Υ	Υ	Υ	Υ	N
3	Braddock Hills Borough	N	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	3	3	5	4	Υ	Υ	Υ	Υ	N
3	Chalfant Borough	N	Υ	Ν	Υ	Υ	N	N	Υ	3	1	1	4	4	Υ	Υ	Υ	Υ	N
3	Churchill Borough	Inforr	matior	Not I	Provid	led													
3	City of McKeesport	Inforr	matior	Not I	Provid	led													
3	East McKeesport Borough	N	Υ	Ν	N	Υ	N	Ν	Υ	5	3	1	5	1	N	Υ	N	Υ	N
3	East Pittsburgh Borough	Υ	Υ	N	Υ	Υ	N	N	Υ	3	2	1	2	5	Υ	N	N	Υ	N
3	Edgewood Borough	Υ	Υ	Υ	N	Υ	Υ	Υ	Υ	4	5	4	4	4	Υ	N	N	Υ	Υ
3	Elizabeth Borough	Inforr	mation	Not I	Provid	ed													
3	Elizabeth Township	N	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	5	5	5	5	Υ	Υ	Υ	Υ	N
3	Forest Hills Borough	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	4	2	3	4	Υ	Υ	N	Υ	Υ
3	Forward Township	Inforr	matior	Not I	Provid	ed													
3	Glassport Borough	Inforr	matior	Not I	Provid	ed													
3	Liberty Borough	N	Υ	Υ	Υ	N	N	N	Υ	5	1	1	4	4	Υ	Υ	Υ	Υ	N
3	Lincoln Borough	N	Υ	Υ	Υ	Υ	Υ	N	Υ	4	3	4	5	4	N	Υ	N	Υ	N
3	Municipality of Monroeville	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	3	3	3	4	Υ	Υ	Υ	Υ	N





Table A - Summary Table of Municipality Information Provided Through the Information Request Form (continued)

					Q1				Q2			Q3			Q4			Q5	Q5A
Region	Municipality	Comprehensive Plan	Zoning Ordinance	SALDO	Floodplain Regulations	Stormwater Regulations	Erosion Control Regulations	Drainage Regulations	Is municipality a small MS4 under current NPDES Phase II	Peak Flow	Water Quality	Groundwater Recharge	Stream Erosion	Flooding	See info on BMP's	See info on model / implementing ordinances	See info on ACT 167 reimbursements	Filled out most important issue question	Do you work with neighboring municipalities
3	Municipality of Penn Hills	Infor	matior	Not I	Provid	led													
3	North Braddock Borough	Υ	Υ	N	Υ	Υ	N	N	Υ	3	2	1	3	5	Υ	Υ	Υ	Υ	N
3	North Versailles Township	N	Υ	Υ	Υ	Υ	N	N	Υ	5	3	1	5	5	Υ	Υ	Υ	Υ	N
3	Oakmont Borough	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	4	2	5	5	Υ	Υ	Υ	Υ	Υ
3	Pitcairn Borough	N	Υ	N	N	N	N	N	Υ	4	5	3	3	5	Υ	Υ	Υ	Υ	Υ
3	Plum Borough	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	3	3	5	4	Υ	Υ	N	Υ	N
3	Port Vue Borough	Infor	matior	n Not	Provid	led													
3	Rankin Borough	Infor	matior	n Not I	Provid	led													
3	South Versailles Township	Infor	matior	n Not I	Provid	led													
3	Swissvale Borough	N	Υ	Υ	Υ	Υ	N	N	Υ	5	3	1	5	3	Υ	Υ	Υ	Υ	N
3	Trafford Borough	N	Υ	Υ	Υ	Υ	N	N	Υ	4	2	1	4	5	Υ	Υ	Υ	Υ	N
3	Turtle Creek Borough	Infor	matior	Not I	Provid	led													
3	Verona Borough	Υ	Υ	Υ	Υ	N	N	Υ	Υ	4	4	4	2	3	N	Υ	N	Υ	Υ
3	Versailles Borough	Υ	Υ	N	Υ	Υ	N	N	Υ	5	3	2	3	5	Υ	N	Υ	Υ	N
3	Wall Borough	Infor	matior	n Not	Provid	led													
3	White Oak Borough	Infor	matior	n Not	Provid	led													
3	Wilkins Township	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	5	5	5	5	5	N	Υ	Υ	Υ	N
3	Wilkinsburg Borough	Υ	Υ	Υ	Υ	Υ	N	N	Υ	5	3	2	5	3	Υ	Υ	Υ	Υ	Υ
3	Wilmerding Borough	N	Υ	N	Υ	Υ	N	N	Υ	4	1	1	5	5	Υ	Υ	Υ	Υ	N
ALL	City of Pittsburgh	N	Υ	Υ	Υ	Υ	N	Υ	N	4	4	4	3	3	N	Υ	N	Υ	N





Table B - Form A Summary Table for Stormwater Problem Areas

Point ID	Region	Municipality	Description
P1	1	Baldwin Township	Roadway Flooding
P2	2	Ben Avon Borough	Flooding, streambank erosion, and landslides along Spruce Run
Р3	2	Ben Avon Heights Borough	Flooding and accelerated erosion
P4			Flooding
P5			Flooding of private property
Р6	2	Bradford Woods Borough	Flooding, accelerated erosion, and sedimentation
P7			Sedimentation and water pollution of local pond
P8			Sedimentation from runoff deposits onto private property
Р9	2	Cheswick Borough	Groundwater infiltration into sanitary sewer
P10			Auto entrapment
P11			Basement flooding
P12			Creek overflows flooding roadway
P13			Flooding
P14			Flooding and auto entrapment
P15			Flooding and auto entrapment
P16			Home flooding
P17			Landslide onto roadway
P18			Roadway flooding
P19			Roadway flooding
P20			Roadway flooding
P21			Roadway flooding
P22			Roadway flooding
P23	ALL	City of Pittsburgh	Roadway flooding
P24		,	Roadway flooding
P25			Roadway flooding
P26			Roadway flooding
P27			Roadway flooding
P28			Roadway flooding
P29			Roadway flooding
P30			Roadway flooding
P31			Roadway flooding
P32			Roadway flooding
P33			Roadway flooding
P34			Roadway flooding and auto entrapment
P35			Roadway flooding and debris from hillside
P36			Roadway flooding and manhole surcharging
P37	1	Collier Township	Flooding and erosion due to undersized culverts
P38	-	Come. Township	Roadway flooding
P39			Roadway flooding
P40			Roadway flooding
P41	1	Coraopolis Borough	Roadway flooding
P42	_	Co. Gopono Borougii	Surface flooding
P42			Surface flooding and erosion of ditch lines
P43			Surface flooding due to downstream culvert capacity





Table B - Form A Summary Table for Stormwater Problem Areas (continued)

Point ID	Region	Municipality	Description							
P45			Surface flooding due to erosion and sedimentation from stream							
P46	1	Coraopolis Borough	Surface flooding due to plugged roadway culvert							
P47			Streambank erosion causing roadway shoulder and bank to move							
P48			Flooding							
P49			Roadway flooding							
P50	1	Crescent Township	Roadway flooding							
P51		•	Roadway flooding							
P52			Roadway flooding due to sediment build-up							
P53			Vegetative overgrowth obstructing channel flow							
P54	1	Dormont Borough	Flooding							
P55	3	Edgewood Borough	Flooding causing basement flooding along Greendale Avenue							
P56		249011004 201049.1	Accelerated erosion and sedimentation within stream							
P57			Accelerated erosion and sedimentation within stream							
P58	2	Edgeworth Borough	Flooding							
P59	_	_agoo.a.	Flooding and accelerated erosion							
P60			Flooding, accelerated erosion, and sedimentation							
P61			Flooding and sedimentation							
P62			Flooding and sedimentation build-up at culvert inlet							
P63			Flooding, accelerated erosion, and sedimentation							
P64	2	Etna Borough	Groundwater causing basement flooding							
P65			Roadway flooding							
P66			Roadway flooding							
P67			Flooding							
P68	1	Findlay Township	Flooding							
P69		Tindiay Township	Flooding and sedimentation							
P70	3	Forest Hills Borough	Roadway flooding							
P71	2	Franklin Park Borough	Roadway flooding							
P72		Trankiiri ark Borougii	Accelerated erosion at berm along retaining wall							
P73			Accelerated erosion at culvert							
P74			Accelerated erosion at culvert under Beaver Road							
P75			Accelerated erosion at driveway culvert							
P76	2	Glen Osborne Borough	Accelerated erosion of fill area							
P77	_	Cicii Cobolile Bolodgii	Flooding							
P78			Flooding and accelerated erosion							
P79			Flooding and accelerated erosion							
P80			Groundwater							
P81			Flooding							
P82			Flooding							
P82	2	Hampton Township	Flooding							
P83		· iap.on rownomp								
			Flooding							
P85			Flooding							
P86	1	Jefferson Hills Borough	Flooding							
P87			Landslide along roadway							
P88			Landslide along roadway							





Table B - Form A Summary Table for Stormwater Problem Areas (continued)

Point ID	Region	Municipality	Description
P89			Landslide along roadway
P90	1	Jefferson Hills Borough	Water pollution and flooding
P91			Water pollution and flooding
P92		.	Flooding
P93	1	Kennedy Township	Landslide
P94	2	Marshall Township	Flooding
P95			Accelerated erosion along stream and landslide onto roadway
P96			Flooding
P97			Flooding and accelerated erosion
P98			Flooding and accelerated erosion
P99			Flooding and accelerated erosion
P100			Flooding and accelerated erosion
P101			Flooding and accelerated erosion
P102			Flooding and accelerated erosion
P103			Landslide
P104			Landslide
P105			Landslide
P106			Landslide along roadway
P107			Landslide at Shelbourne Road
P108			Landslide caused by erosion and stormwater
P109	1	Moon Township	Landslide caused by excess runoff and soil conditions
P110			Landslide causing damage to road and blocking stream
P111			Landslide causing Hassam Road to collapse
P112			Landslide from stormwater and soil saturation
P113			Landslide onto roadway
P114			Landslides along Flaugherty Run corridor
P115			Stream overflows flooding buildings
P116			Stream overflows flooding buildings
P117			Water pollution
P118			Water pollution
P119			Water pollution
P120			Water pollution from mine drainage
P121			Water pollution from mine drainage
P122			Water pollution from mine drainage
P123		Manadala alle a CD alle LD	Future stormwater compliance issues
P124	1	Municipality of Bethel Park	Future stormwater compliance issues
P125			Discharge location of storm sewer polluted with mine drainage
P126			Flooding caused by bridge collapse
P127			Roadway and property flooding
P128	2	Maria alia alia a China ana any a	Roadway flooding
P129	3	Municipality of Monroeville	Roadway flooding and accelerated erosion
P130			Roadway flooding and sedimentation
P131			Roadway flooding and sedimentation
P132			Roadway flooding and sedimentation





Table B - Form A Summary Table for Stormwater Problem Areas (continued)

Point ID	Region	Municipality	Description
P133	2	Navaisia ality of Navana villa	Roadway flooding caused by failing storm sewer pipe
P134	3	Municipality of Monroeville	Roadway flooding, accelerated erosion, and sedimentation
P135			Flooding due to collection capacity issues
P136			Flooding due to collection capacity issues
P137			Flooding due to collection capacity issues
P138	4	Musicipality of Mayot Laboras	Flooding
P139	1	Municipality of Mount Lebanon	Residential flooding from discharge from Mt. Lebanon Golf Course
P140			Residential flooding due to conveyance system capacity
P141			Groundwater causing basement flooding
P142			Accelerated erosion causing urban stream degradation
P143			Flooding
P144			Flooding and sedimentation
P145	1	North Fayette Township	Flooding from stormwater runoff
P146			Stream sedimentation restricting flow
P147			Stream sedimentation restricting flow
P148			Flooding
P149	2	Oll laws Tayyashin	Flooding, accelerated erosion, sedimentation, and landslide
P150	2	O'Hara Township	Landslide
P151			Sedimentation from unnamed tributary to Squaw Run
P152			Accelerated erosion
P153			Flooding
P154			Flooding
P155			Flooding
P156			Flooding
P157			Flooding and accelerated erosion
P158			Flooding and groundwater causing damage to residential building
P159			Flooding caused by debris build-up at culvert inlet
P160			Flooding due to collapsed stormwater conveyance system
P161			Flooding due to limited capacity stormwater conveyance system
P162			Flooding on industrial property
P163			Flooding on industrial property
P164	1	Scott Township	Flooding on industrial property
P165			Ground movement
P166			Groundwater spring causes ground saturation
P167			Groundwater spring causes roadway icing
P168			Landslide
P169			Landslide on private property
P170			Landslide on private property
P171			Landslide on private property
P172			Roadway flooding and stream erosion
P173			Sedimentation causing blockage of bridge
P174			Streambank flooding and accelerated erosion to abutment
P175			Water pollution caused by abandoned mine drainage
P176			Water pollution caused by AMD and roadway flooding





Table B - Form A Summary Table for Stormwater Problem Areas (continued)

Point ID	Region	Municipality	Description
P177			Accelerated erosion and sedimentation
P178			Accelerated erosion and sedimentation
P179	2	Shaler Township	Flooding and sedimentation
P180			Flooding of homes within 100-year floodplain
P181			Flooding, accelerated erosion, sedimentation, and landslide
P182	2	Sharpsburg Borough	Roadway flooding caused by combined storm sewer surcharge
P183			Accelerated Erosion
P184			Accelerated erosion of collection ditch
P185			Flooding
P186			Flooding
P187			Flooding
P188			Flooding
P189			Flooding
P190	1	South Favotta Tawashia	Flooding
P191	1	South Fayette Township	Flooding
P192			Flooding
P193			Flooding
P194			Flooding
P195			Flooding
P196			Flooding
P197			Flooding
P198			Flooding
P199	1	Courth Dork Township	Flooding
P200	1	South Park Township	Flooding, sedimentation, low bridges
P201	2	Tarentum Borough	Flooding along Bull Creek from SR 28 to Railroad Bridge
P202	2	Turtle Creek Borough	Roadway flooding
P203	3	Turtle Creek Borough	Roadway flooding
P204			Basement flooding
P205	2	West Deer Township	Roadway flooding along Route 910
P206			Roadway flooding along Saxonburg Boulevard



Table C - Summary Table for Stormwater Problem Areas without a Form A

rties
ing
ek
ire
ire
li li





Table C - Summary Table for Stormwater Problem Areas without a Form A (continued)

Region	Municipality	Description				
2	Ross Township	Roadway flooding				
1	Scott Township	Flooding from stormwater runoff from recent church construction				
2	Sewickley Heights Borough	Roadway flooding				
2	Shaler Township	Roadway flooding				
		Roadway flooding caused by limited stream capacity				
1	South Park Township	Cement blocks and debris in stream cause residential flooding				
		Stormwater runoff resulting in residential flooding				
2	Springdale Township	Roadway flooding				
		Accelerated erosion				
		Accelerated erosion at culvert				
		Accelerated Erosion from Cherry lane to Borough limits				
		Accelerated erosion from Homestead Duquesne Road to Grant Avenue				
		Flooding				
		Flooding				
		Flooding				
	West Mifflin Borough	Flooding				
1		Flooding				
		Landslide				
		Landslide				
		Landslide between Webster Avenue and Glenny Lane Extension				
		Landslide from GM plant property				
		Landslide onto Miller Road				
		Sedimentation				
		Sedimentation				
		Sedimentation from Cherry lane to Borough limits				
3	White Oak Borough	Accelerated erosion				
3	Wille Oak Bolough	Accelerated erosion				
		Flooding				
		Flooding				
	Wilkins Township	Flooding				
		Flooding				
3		Flooding				
		Flooding				
		Flooding				
		Flooding				
		Flooding				

Table D - Summary Table for Stormwater Problem Areas with a Form A but not Identified on the Map

Region	Municipality	Description			
2	Aspinwall Borough	Flooding			
1	Baldwin Township	Flooding and sedimentation			
3	East Pittsburgh Borough	Roadway Flooding			
1	Mount Oliver Borough	Groundwater causing roadway hazard			





Table E - Form A Detailed Table for Stormwater Problem Areas

Municipality	Type of Problem	Causes of Problems	Occurences of Problems	Types of Damage	Region
	(A)	(B)	(C)	(D)	
Aleppo Township	Information Not Provided				2
Aspinwall Borough	See Note 1				2
Avalon Borough	Information Not Provided				2
Baldwin Borough	See Note 3				1
Baldwin Township	1	1	2	3	1
Bell Acres Borough	See Note 3				2
Bellevue Borough	Information Not Provided				2
Ben Avon Borough	1, 2, 3, & 4	1, 2, & 4	2	3	2
Ben Avon Heights Borough	1 & 2	1, 2, & 3	3	3	2
Blawnox Borough	Information Not Provided				2
Brackenridge Borough	Information Not Provided				2
Braddock Borough	No Stormwater Problems				3
Braddock Hills Borough	Information Not Provided				3
Bradford Woods Borough	1, 2, 3, & 6	1, 2, & 3	2	3	2
Brentwood Borough	Information Not Provided				1
Bridgeville Borough	No Stormwater Problems				1
Carnegie Borough	See Note 2				1
Castle Shannon Borough	Information Not Provided				1
Chalfant Borough	No Stormwater Problems				3
Cheswick Borough	5	1	1	3	2
Churchill Borough	See Note 2				3
City of Duquesne	No Stormwater Problems				1
City of McKeesport	Information Not Provided				3
City of Pittsburgh	1, 4, & 7, See Note 3	1 & 2	2	1, 2, & 3	ALL
Clairton City	Information Not Provided				1
Collier Township	1, 2, & 3, See Note 3	1, 2, & 4	1	3	1
Coraopolis Borough	1, 2, & 3	1, 2, & 3	1, 2, & 3	3	1
Crafton Borough	Information Not Provided				1
Crescent Township	1, 3, 4, & 7	1, 2, 3, & 4	1, 2, & 3	3	1
Dormont Borough	1	1, 2, 3	2	3	1
Dravosburg Borough	No Stormwater Problems				1
East Deer Township	Information Not Provided				2
East McKeesport Borough	No Stormwater Problems				3
East Pittsburgh Borough	See Note 1				3
Edgewood Borough	1	1 & 2	3	3	3
Edgeworth Borough	1, 2, & 3	1, 2, 3, & 4	1, 2, & 3	3	2
Elizabeth Borough	No Stormwater Problems				3
Elizabeth Township	See Note 3				3
Emsworth Borough	Information Not Provided				2
Etna Borough	1, 2, 3, & 5	1, 2, & 4	1 & 2	3	2
Fawn Township	Information Not Provided				2





Table E - Form A Detailed Table for Stormwater Problem Areas (continued)

Municipality	Type of Problem (A)	Causes of Problems (B)	Occurences of Problems (C)	Types of Damage (D)	Region
Findlay Township	1 & 3	1, 2, & 3	2 & 3	3	1
Forest Hills Borough	1	1	2	3	3
Forward Township	See Note 3				3
Fox Chapel Borough	Information Not Provided				2
Franklin Park Borough	1	1	2	3	2
Frazer Township	Information Not Provided				2
Glassport Borough	Information Not Provided				3
Glen Osborne Borough	1, 2, & 5	n/a	3	3	2
Glenfield Borough	Information Not Provided				2
Green Tree Borough	Information Not Provided				1
Hampton Township	1, See Note 3	1 & 2	2	1, 2, & 3	2
Harmar Township	Information Not Provided				2
Harrison Township	Information Not Provided				2
Haysville Borough	Information Not Provided				2
Heidelberg Borough	Information Not Provided				1
Homestead Borough	No Stormwater Problems				1
Indiana Township	Information Not Provided				2
Ingram Borough	Information Not Provided				1
Jefferson Hills Borough	1, 2, 3, 4, & 6, See Note 3	1, 2, & 3	2 & 3	3	1
Kennedy Township	1 & 4	1, 2, & 3	2 & 3	3	1
Kilbuck Township	Information Not Provided				2
Leet Township	Information Not Provided				2
Leetsdale Borough	Information Not Provided				2
Liberty Borough	No Stormwater Problems				3
Lincoln Borough	Information Not Provided				3
Marshall Township	1	1	1	3	2
McCandless Township	Information Not Provided				2
McDonald Borough	Information Not Provided				1
McKees Rocks Borough	Information Not Provided				1
Millvale Borough	Information Not Provided				2
Moon Township	1, 2, 4, 5, & 6	1, 2, 3, 4, & 5	1 & 2	3	1
Mount Oliver Borough	See Note 1				1
Munhall Borough	Information Not Provided				1
Municipality of Bethel Park	7	n/a	n/a	n/a	1
Municipality of Monroeville	1, 2, 3, 4, & 6, See Note 3	1, 2, 3, 4, & 5	1 & 2	1, 2, & 3	3
Municipality of Mount Lebanon	See Note 2	, ,		. ,	1
Municipality of Penn Hills	See Note 2				3
Neville Township	Information Not Provided				1
North Braddock Borough	No Stormwater Problems				3
North Fayette Township	1 & 3	1, 2, & 4	1 & 2	3	1
North Versailles Township	No Stormwater Problems	, ,			3





Table E - Form A Detailed Table for Stormwater Problem Areas (continued)

Municipality	Type of Problem	Causes of Problems	Occurences of Problems	Types of Damage	Region
	(A)	(B)	(C)	(D)	
Oakdale Borough	Information Not Provided				1
Oakmont Borough	Information Not Provided				3
O'Hara Township	1, 2, 3, & 4, See Note 3	1, 2, & 4	1 & 2	3	2
Ohio Township	Information Not Provided				2
Pennsbury Village Borough	No Stormwater Problems				1
Pine Township	Information Not Provided				2
Pitcairn Borough	Information Not Provided				3
Pleasant Hills Borough	See Note 2				1
Plum Borough	See Note 2				3
Port Vue Borough	No Stormwater Problems				3
Rankin Borough	See Note 2				3
Reserve Township	Information Not Provided				2
Richland Township	Information Not Provided				2
Robinson Township	Information Not Provided				1
Ross Township	See Note 3				2
Rosslyn Farms Borough	Information Not Provided				1
Scott Township	1, 2, 3, 4, 5, 6, & 7	1, 2, 3, 4, & 5	1, 2, & 3	3	1
Sewickley Borough	Information Not Provided				2
Sewickley Heights Borough	See Note 3				2
Sewickley Hills Borough	Information Not Provided				2
Shaler Township	1, 2, 3, 4, & 7, See Note 3	1, 2, 3, 4, & 5	1 & 2	1, 2, & 3	2
Sharpsburg Borough	1	1	2	3	2
South Fayette Township	1 & 2	1 & 2	1, 2, & 3	3	1
South Park Township	1, 3, & 7, See Note 3	1, 2, & 4	1	3	1
South Versailles Township	Information Not Provided				3
Springdale Borough	Information Not Provided				2
Springdale Township	See Note 3				2
Stowe Township	Information Not Provided				1
Swissvale Borough	No Stormwater Problems				3
Tarentum Borough	1, 2, 3, & 4	1 & 4	3	3	2
Thornburg Borough	Information Not Provided				1
Trafford Borough	No Stormwater Problems				3
Turtle Creek Borough	1	1	2	1, 2, & 3	3
Upper St. Clair Township	Information Not Provided				1
Verona Borough	Information Not Provided				3
Versailles Borough	Information Not Provided				3
Wall Borough	No Stormwater Problems				3
West Deer Township	1	1	2	3	2
West Elizabeth Borough	Information Not Provided				1
West Homestead Borough	Information Not Provided				1
West Mifflin Borough	See Note 2				1





Table E - Form A Detailed Table for Stormwater Problem Areas (continued)

Municipality	Type of Problem	Causes of Problems	Occurences of Problems	Types of Damage	Region
	(A)	(B)	(C)	(D)	
West View Borough	No Stormwater Problems				2
Whitaker Borough	No Stormwater Problems				1
White Oak Borough	See Note 3				3
Whitehall Borough	Information Not Provided				1
Wilkins Township	See Note 2				3
Wilkinsburg Borough	No Stormwater Problems				3
Wilmerding Borough	No Stormwater Problems				3

Note 1: Stormwater problem information was provided on Form A however the physical location was not identified

Note 2: The physical location of the Stormwater problem was identified but information was not provided on Form A

Note 3: The physical location of the Stormwater problem was identified by a member of the WPAC other than the municipality where the stormwater problem occured and information was not provided on Form A

Types of Problems (A)

- 1. Flooding
- 2. Accelerated Erosion
- 3. Sedimentation
- 4. Landslide
- 5. Groundwater
- 6. Water Pollution
- 7. Other

Causes of Problems (B)

- 1. Stormwater Volume
- 2. Stormwater Velocity
- 3. Stormwater Direction
- 4. Water Obstruction
- 5. Other

Occurrences of Problems (C)

- 1. More than 1 time per year
- 2. Less than 1 time per year
- 3. Only during major flood events

Types of Damages (D)

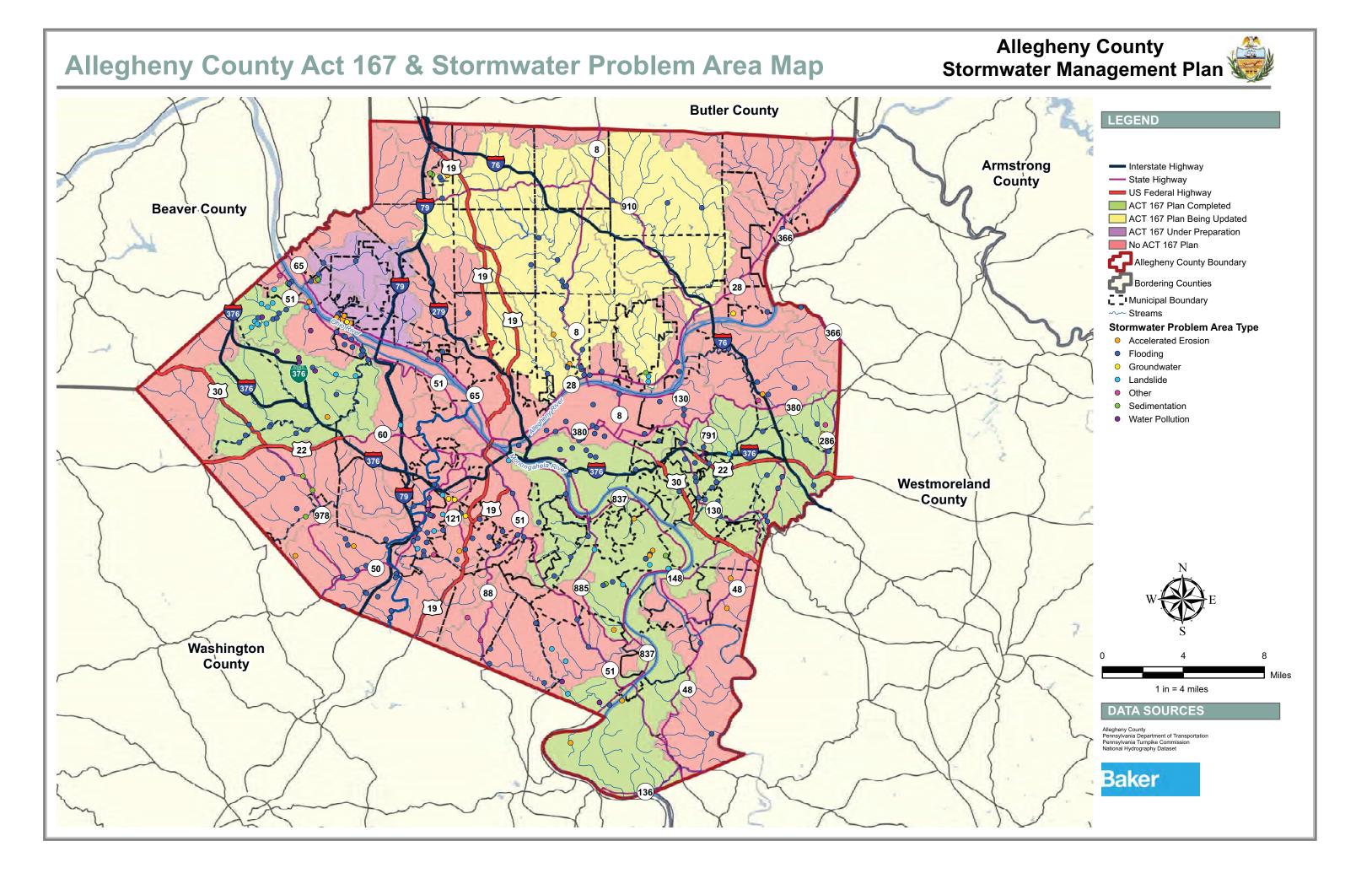
- 1. Loss of life
- 2. Loss of vital services
- 3. Property damage





APPENDIX F Problem Area Identification Maps

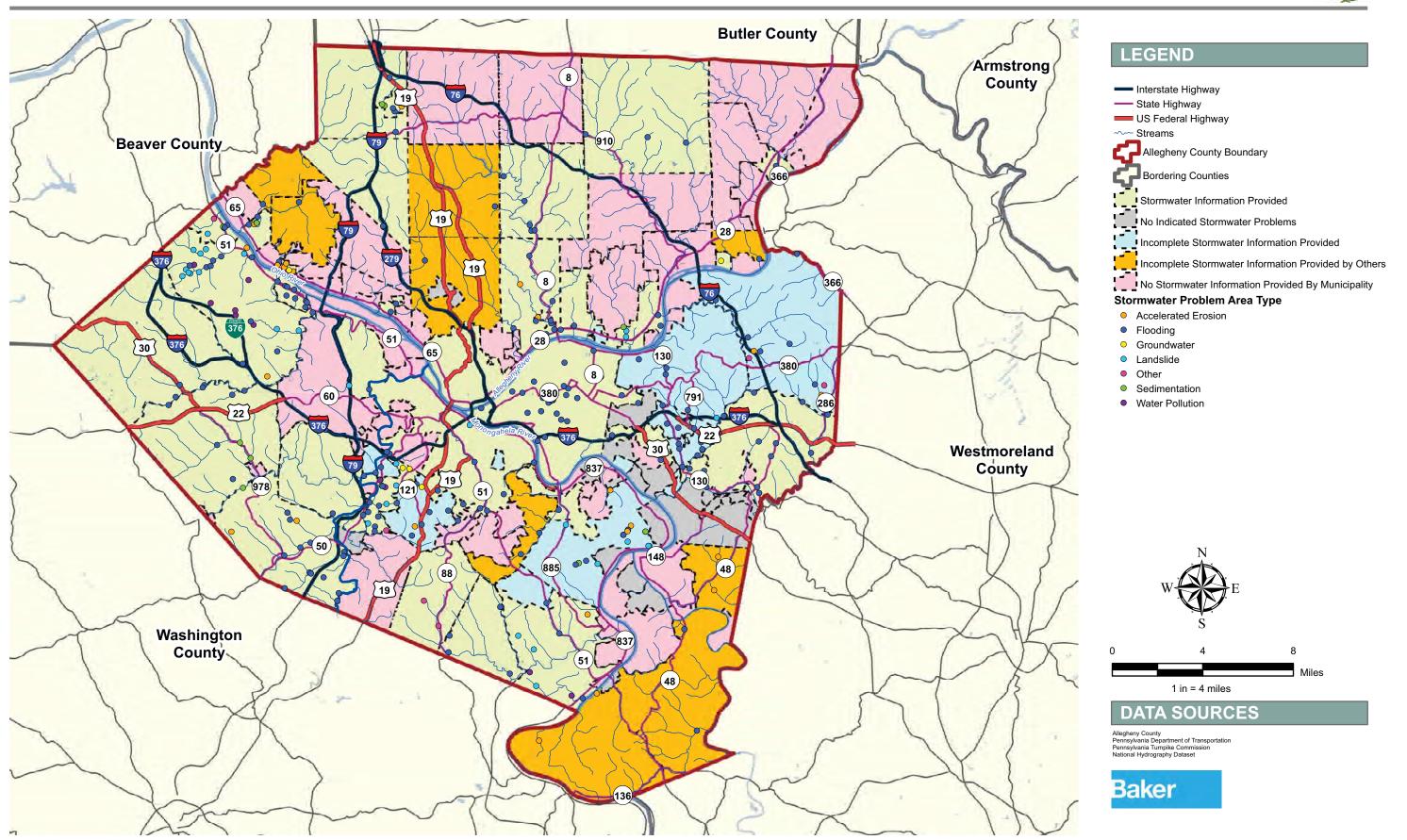
Allegheny County Act 167 & Stormwater Problem Area Map



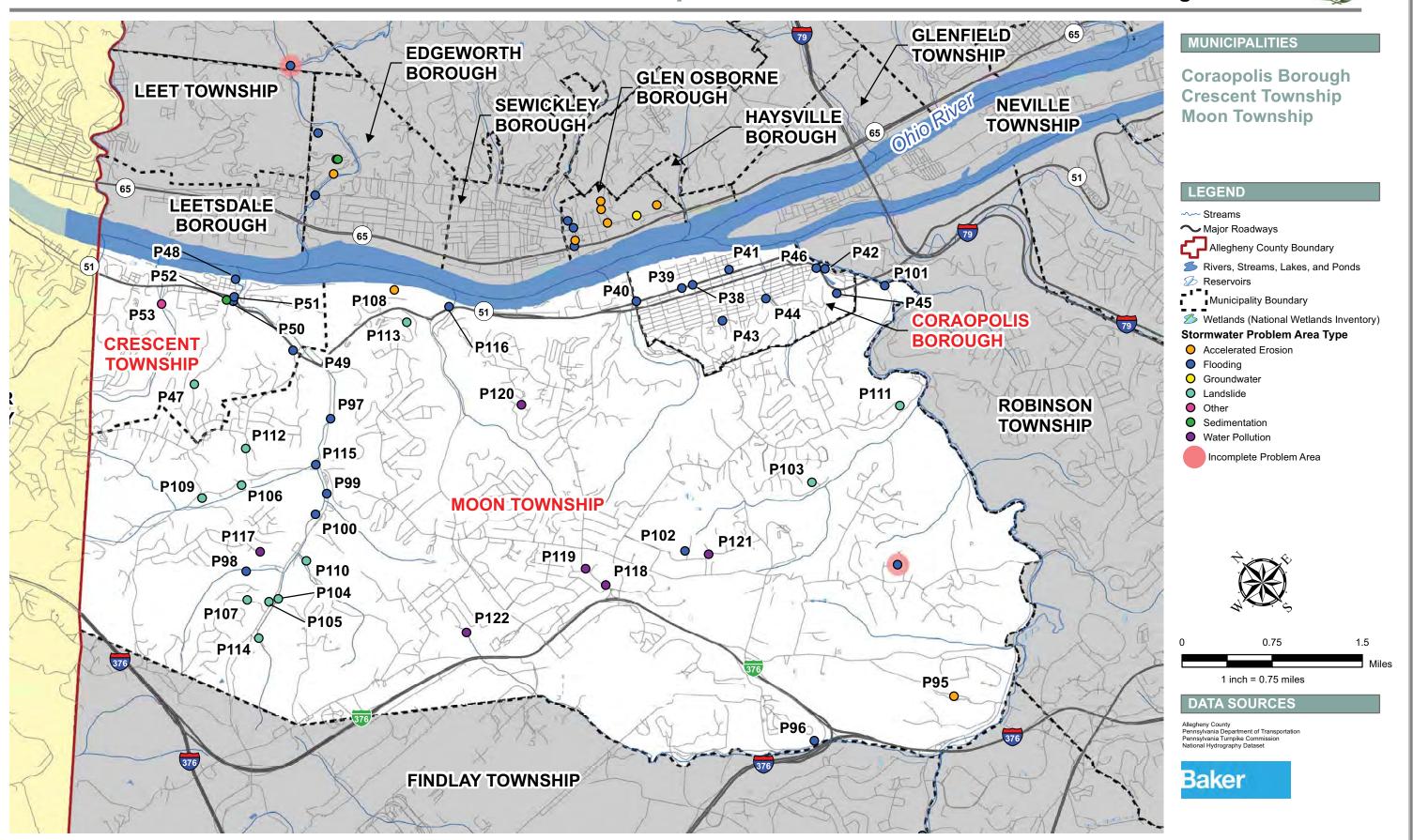
Municipal Participation Map - Allegheny County

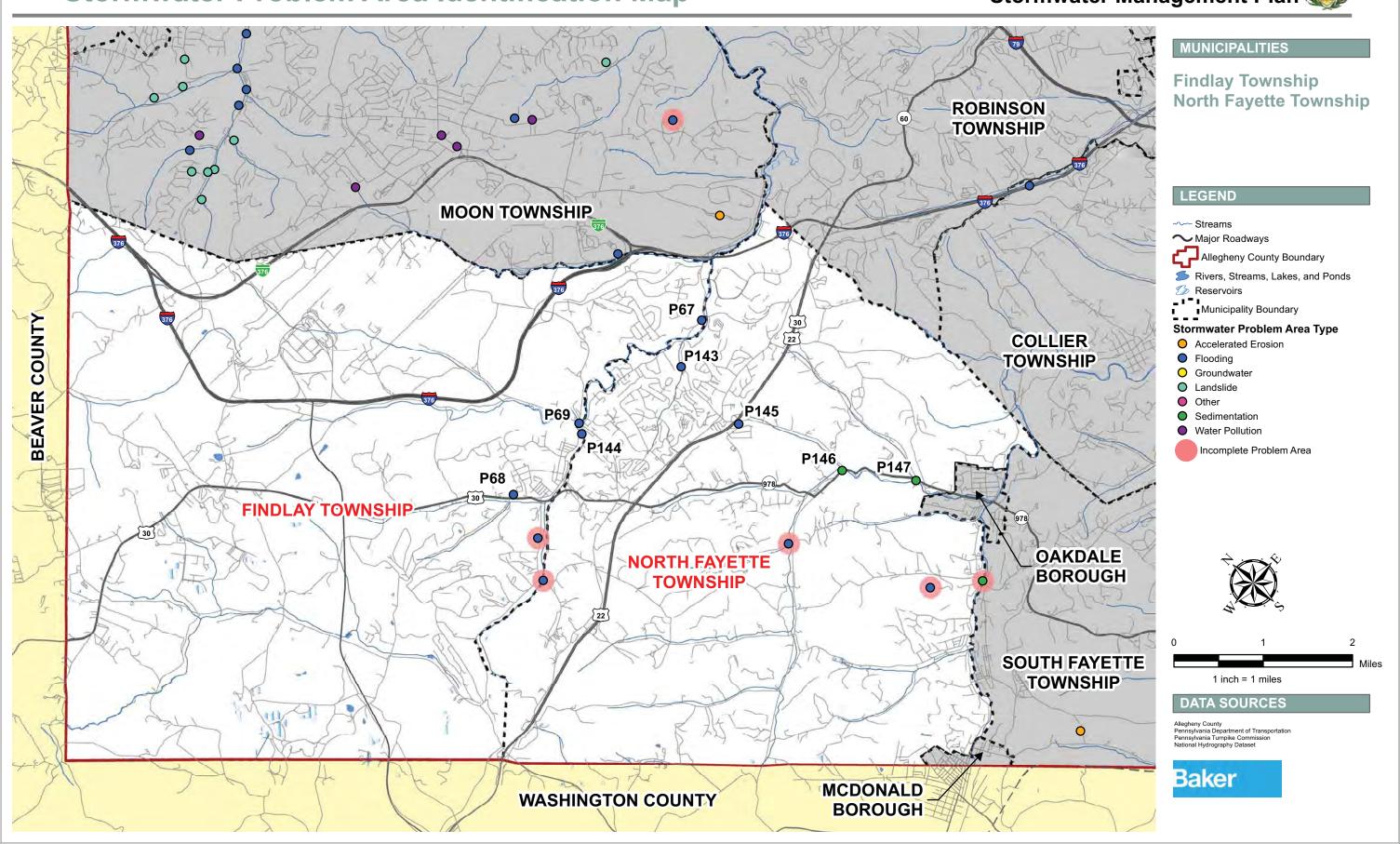
Municipal Participation - Problem Areas

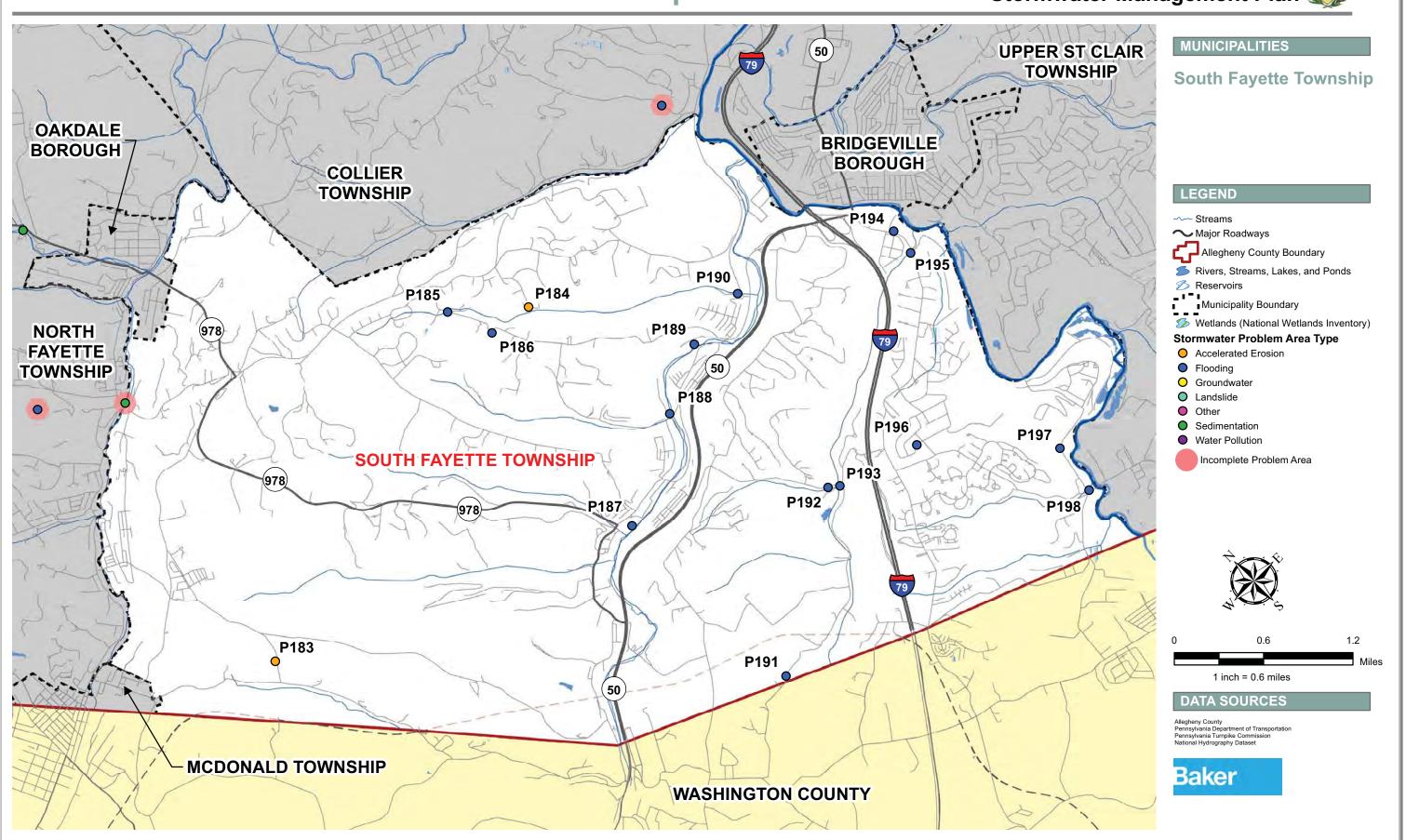


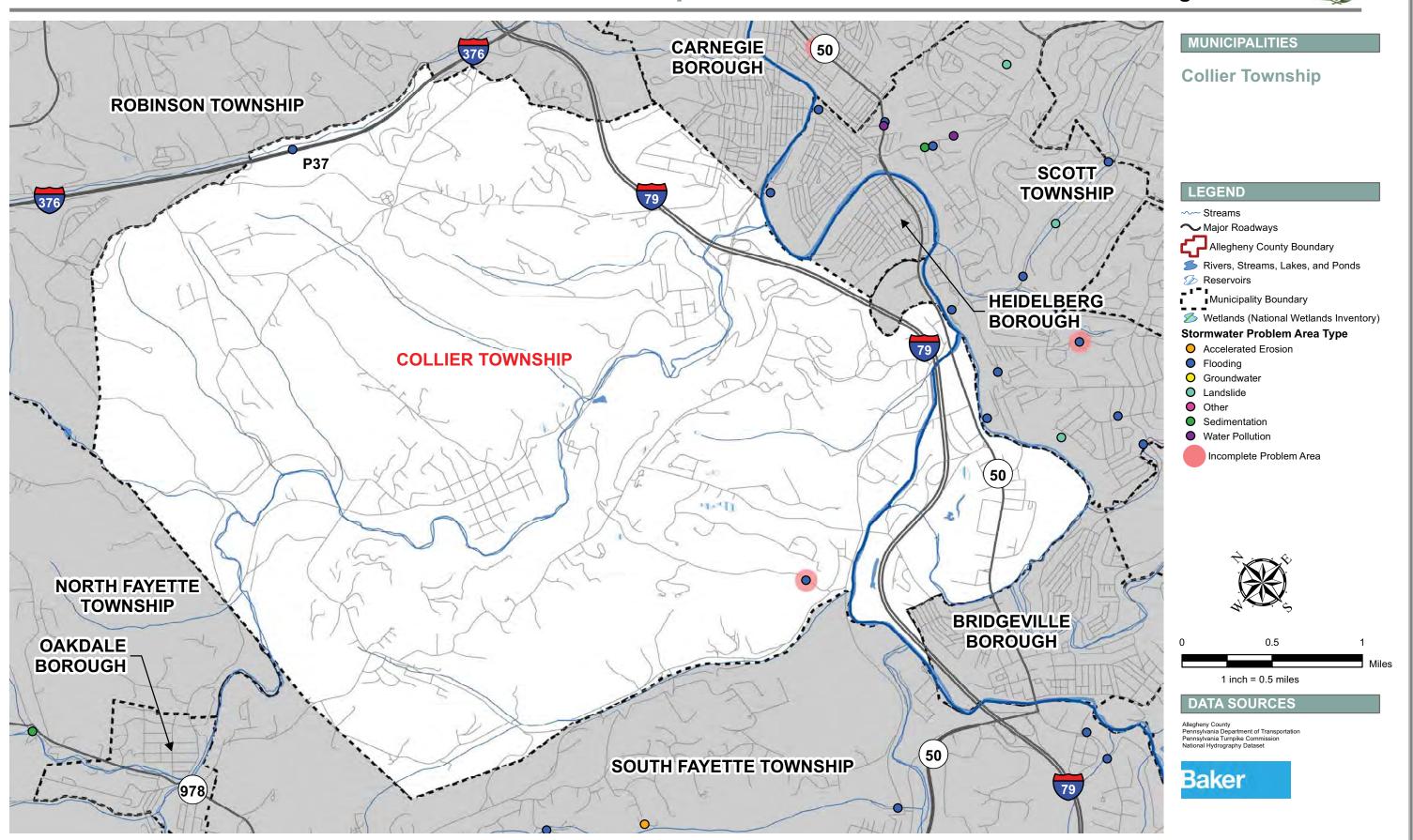


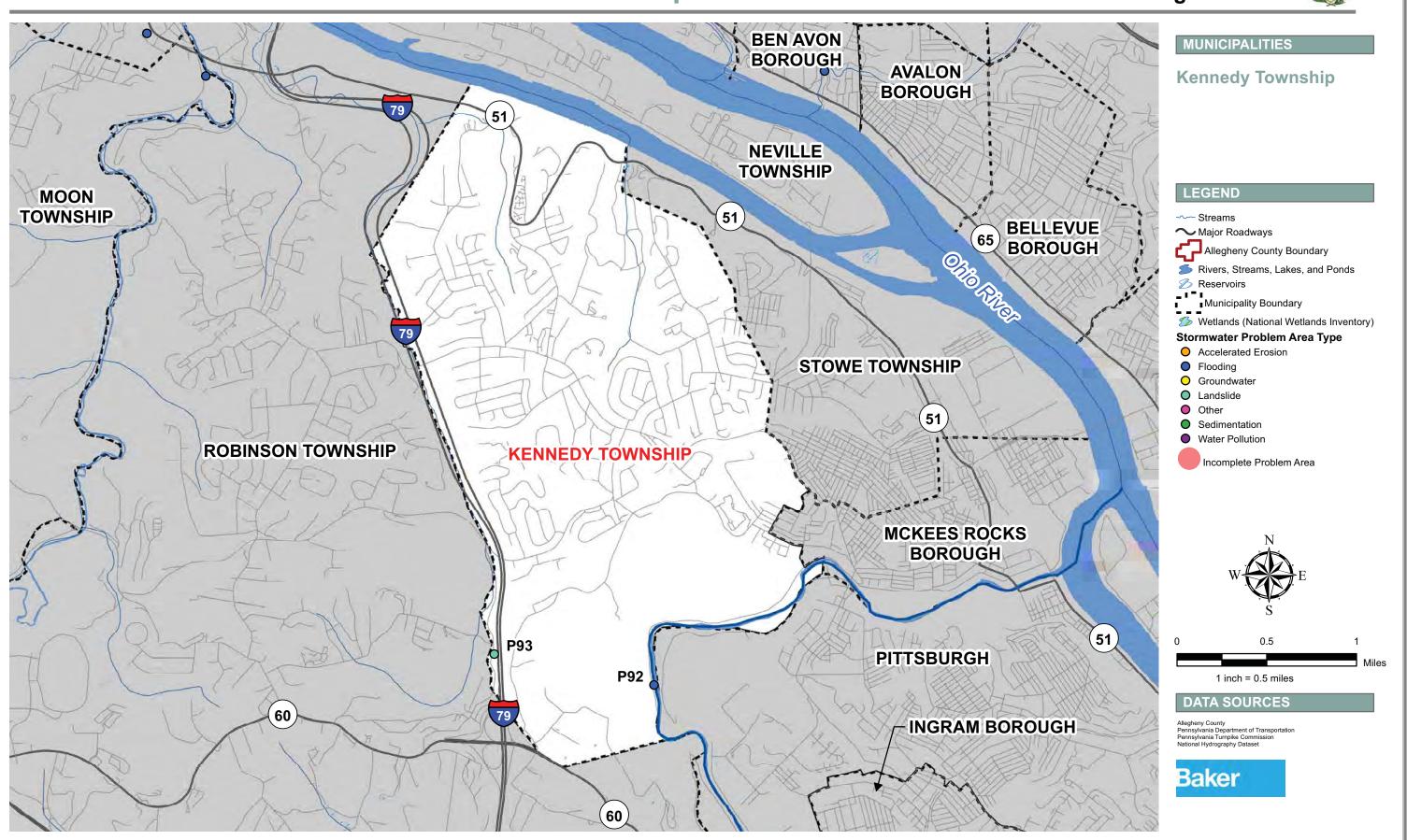
Problem Area Identification Maps Region 1

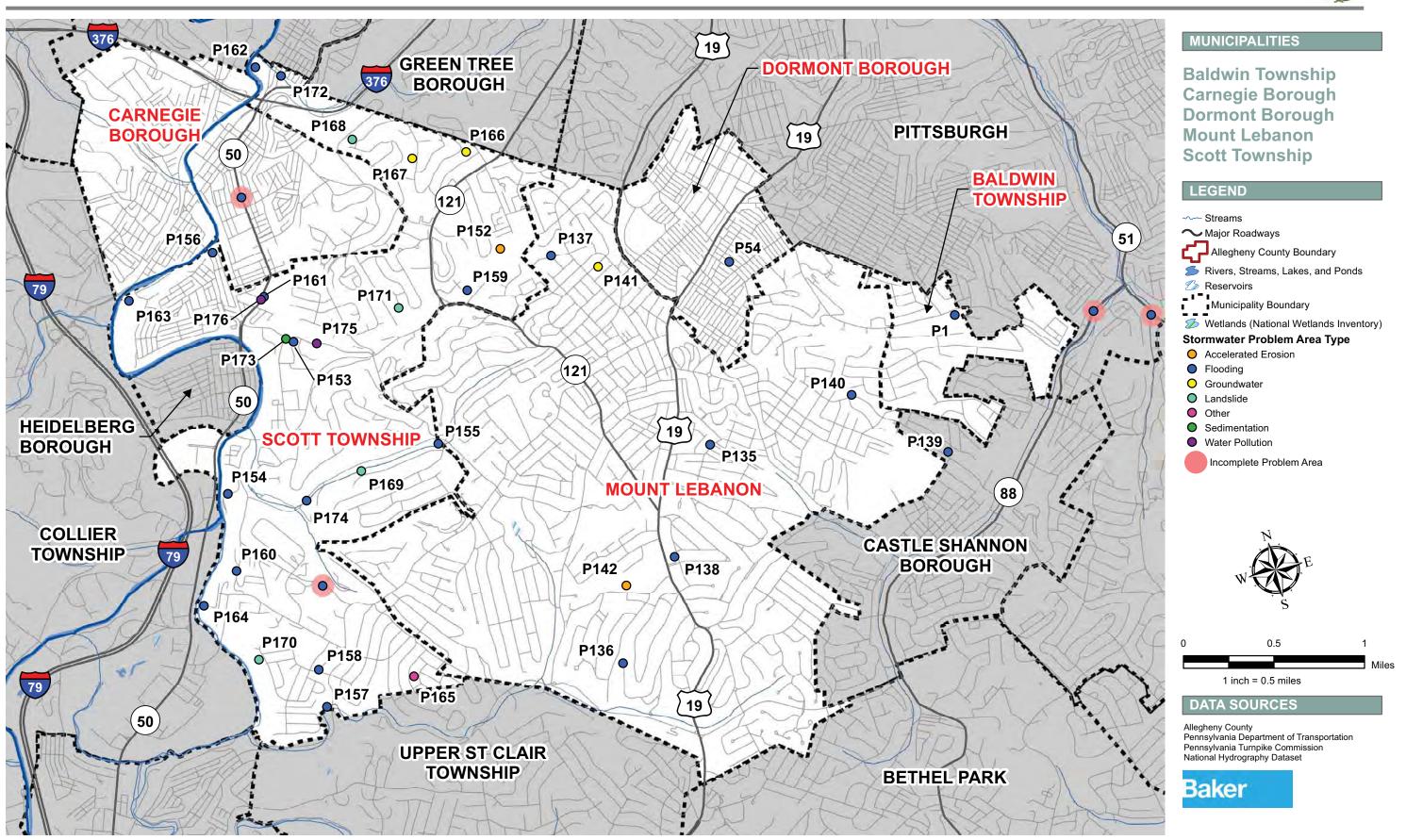


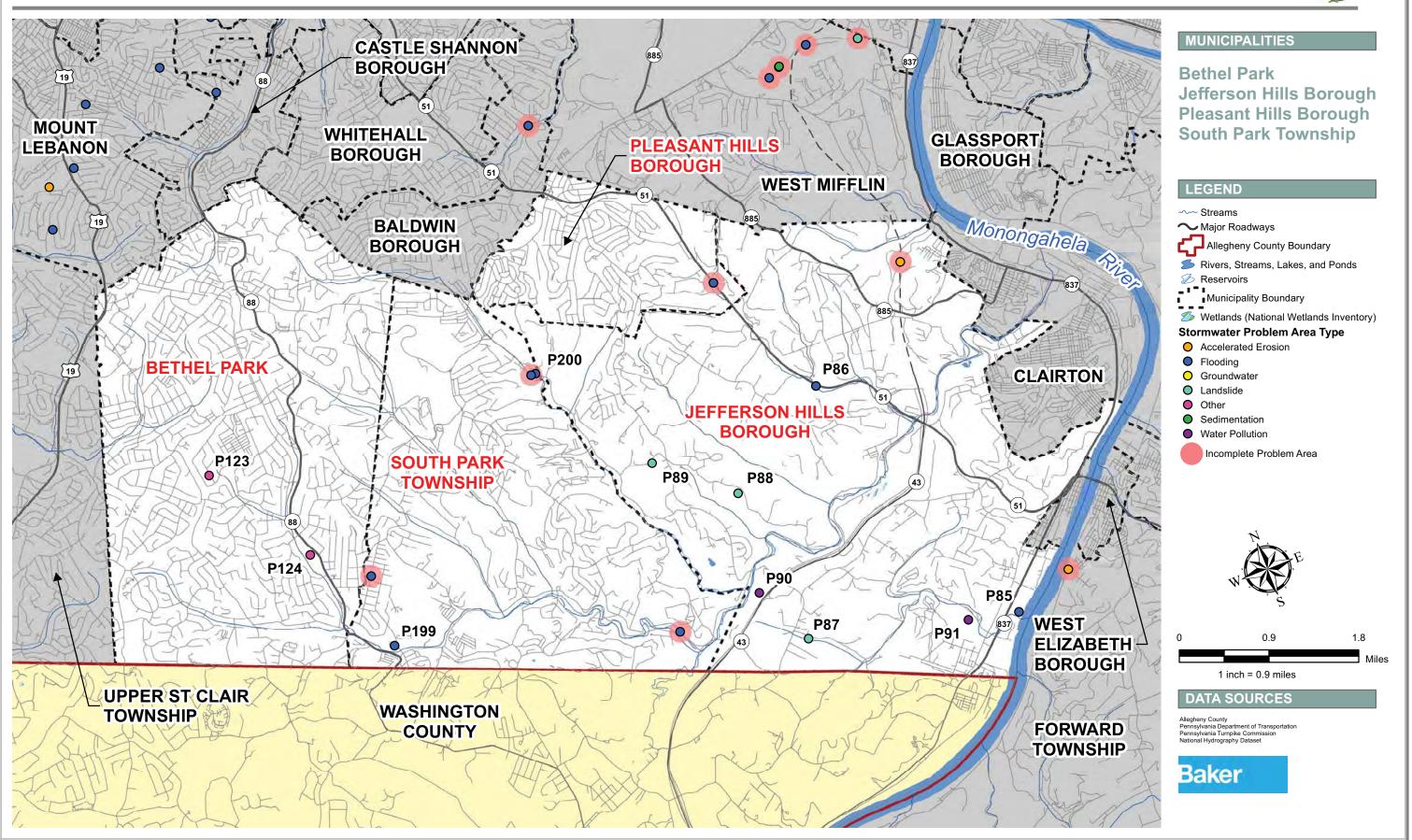


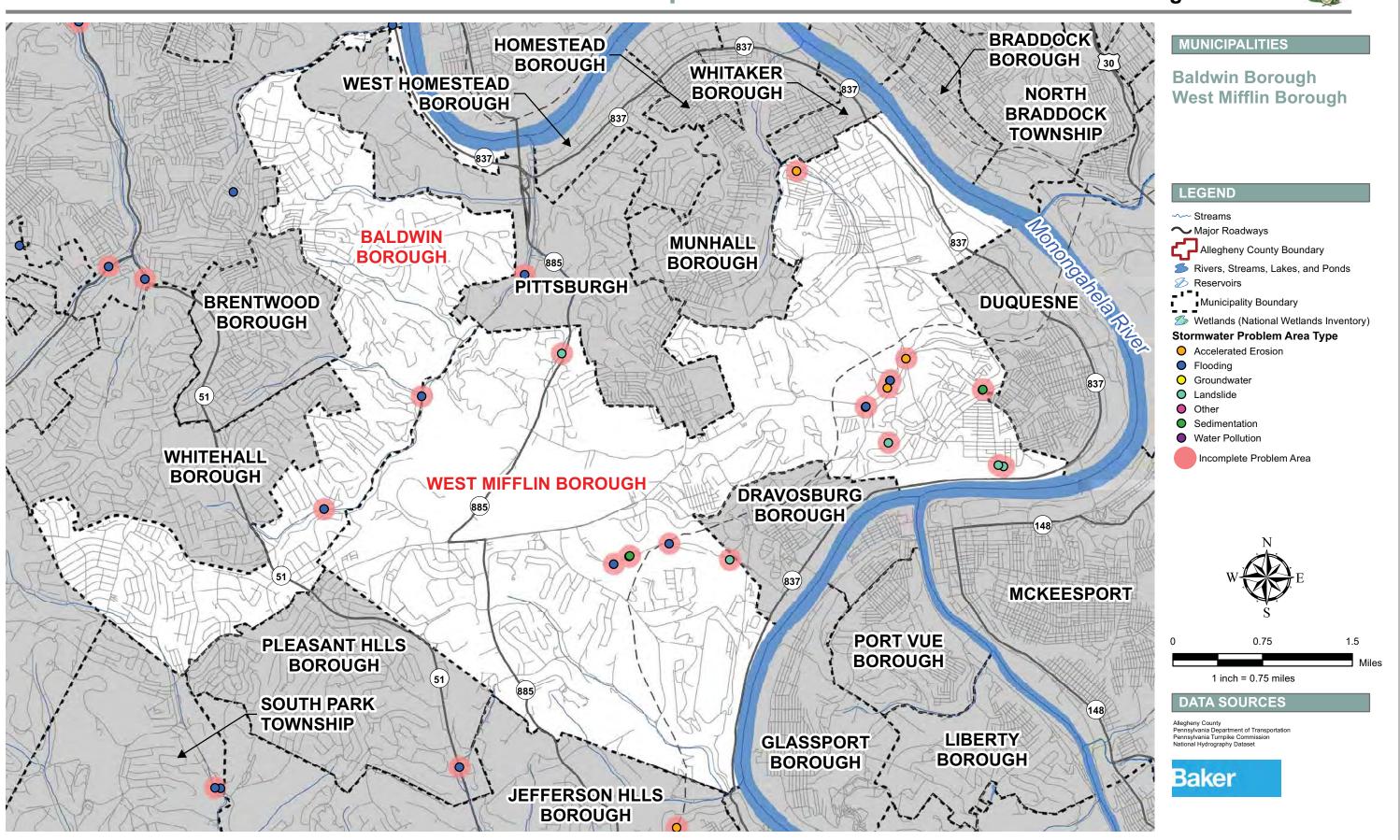


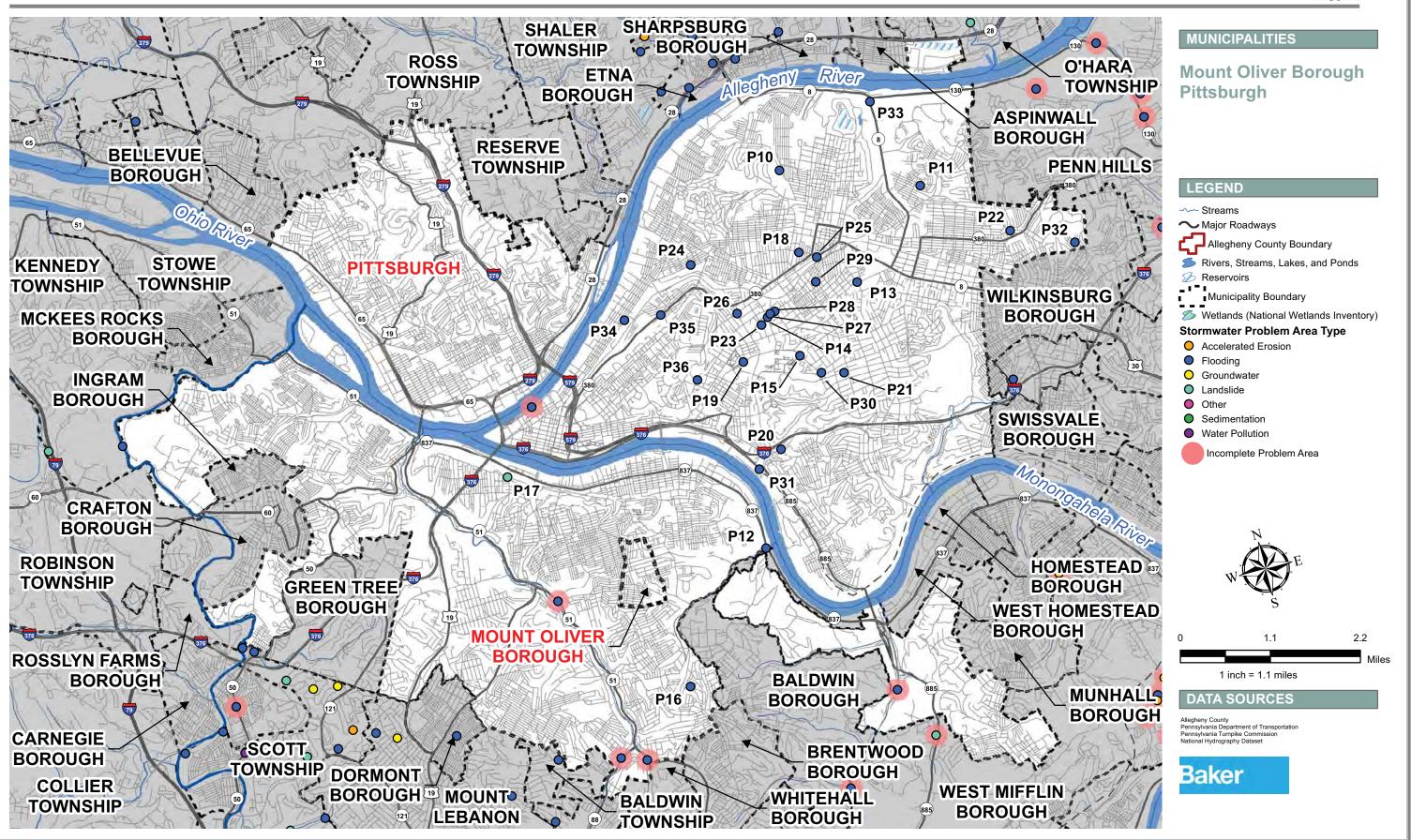






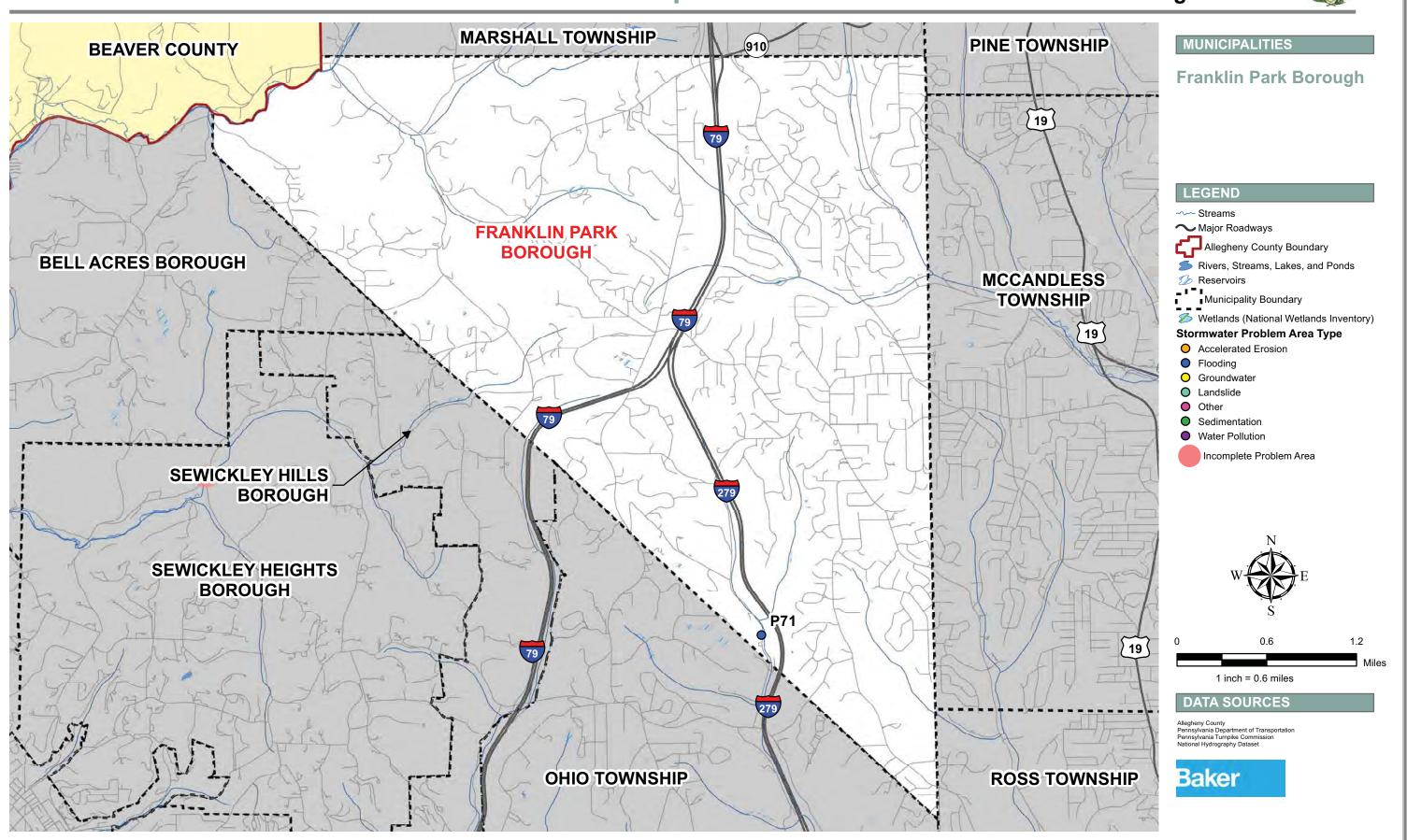


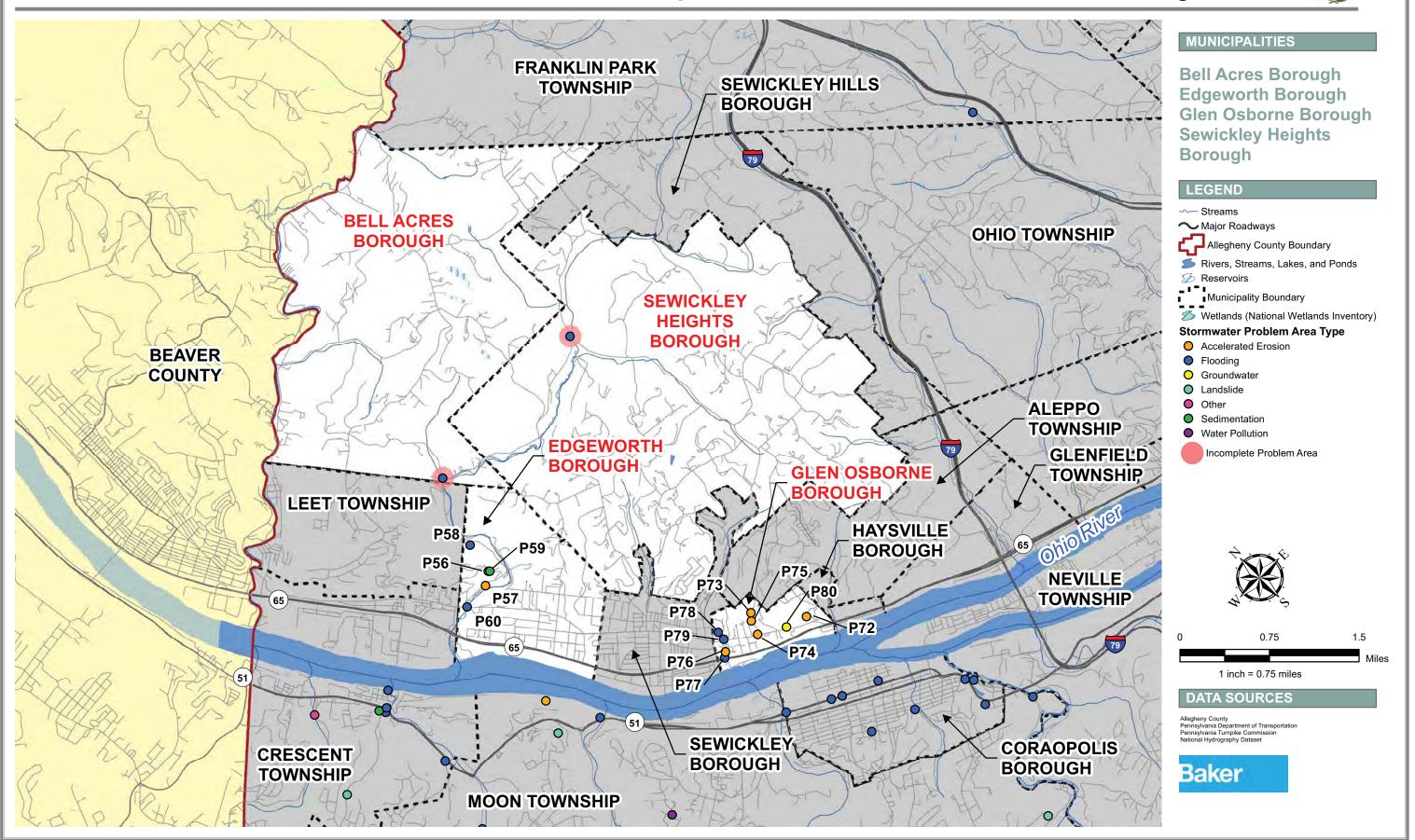


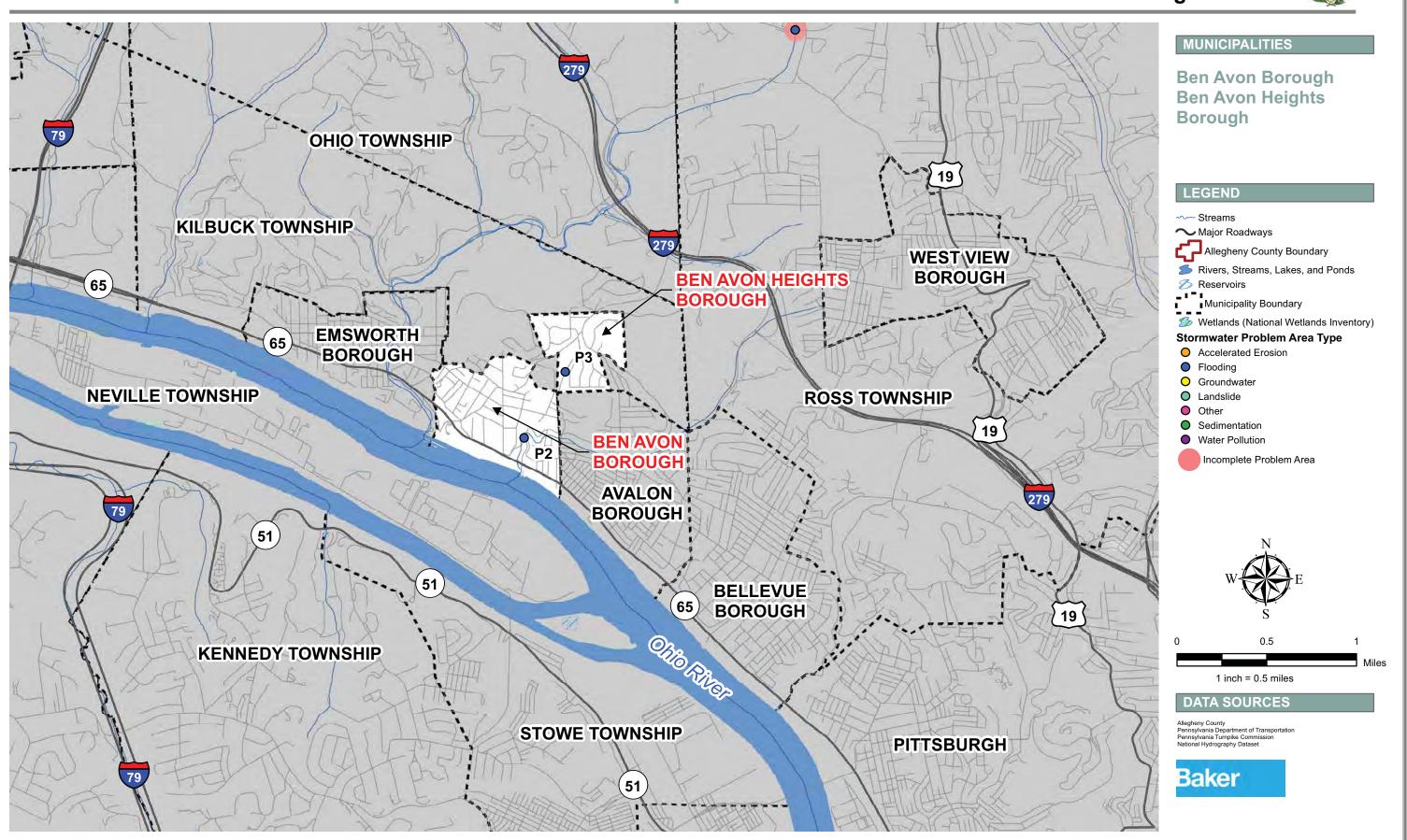


Problem Area Identification Maps Region 2

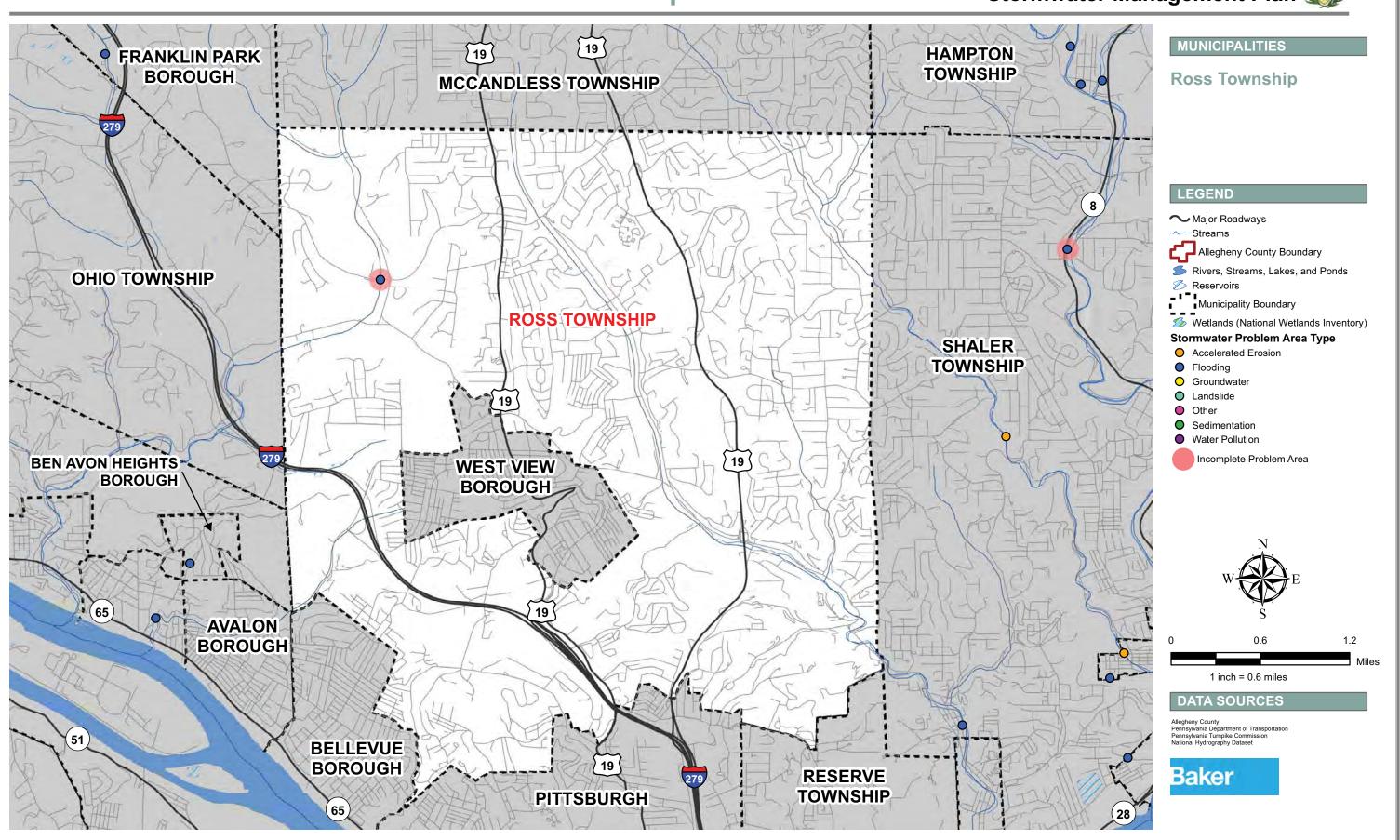
Allegheny County Stormwater Problem Area Identification Map Stormwater Management Plan **BUTLER COUNTY** MUNICIPALITIES **Bradford Woods Borough Marshall Township** LEGEND ~~~ Streams **∼** Major Roadways Allegheny County Boundary Rivers, Streams, Lakes, and Ponds 19 Reservoirs Municipality Boundary Wetlands (National Wetlands Inventory) Stormwater Problem Area Type Accelerated Erosion **MARSHALL TOWNSHIP PINE TOWNSHIP** Flooding Groundwater **BEAVER COUNTY** Landslide **BRADFORD WOODS** Other 19 Sedimentation **BOROUGH** Water Pollution Incomplete Problem Area P6 (910) 1 inch = 0.5 miles (910) **DATA SOURCES** P94 Allegheny County Pennsylvania Department of Transportation Pennsylvania Turnpike Commission National Hydrography Dataset 19 Baker FRANKLIN PARK BOROUGH

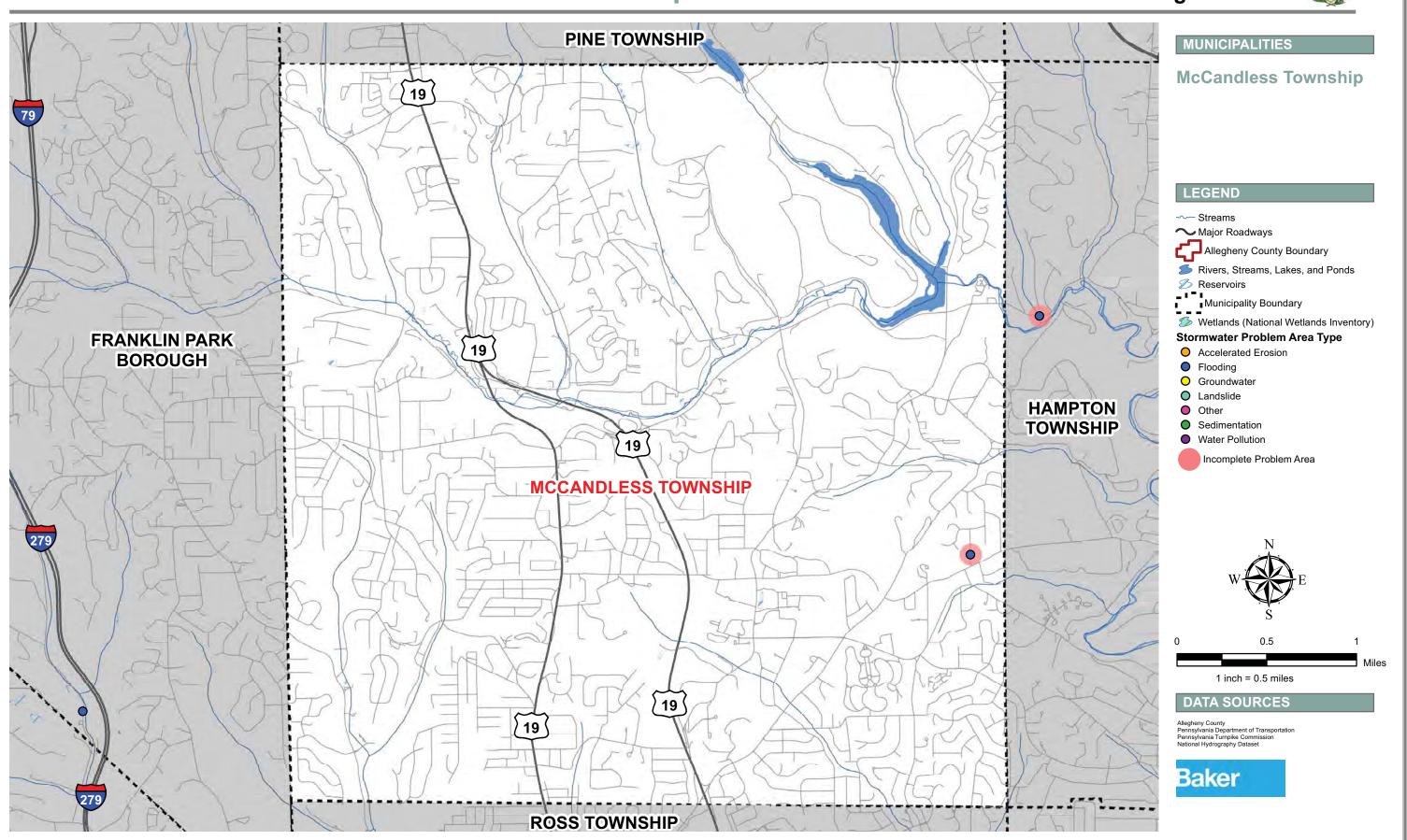


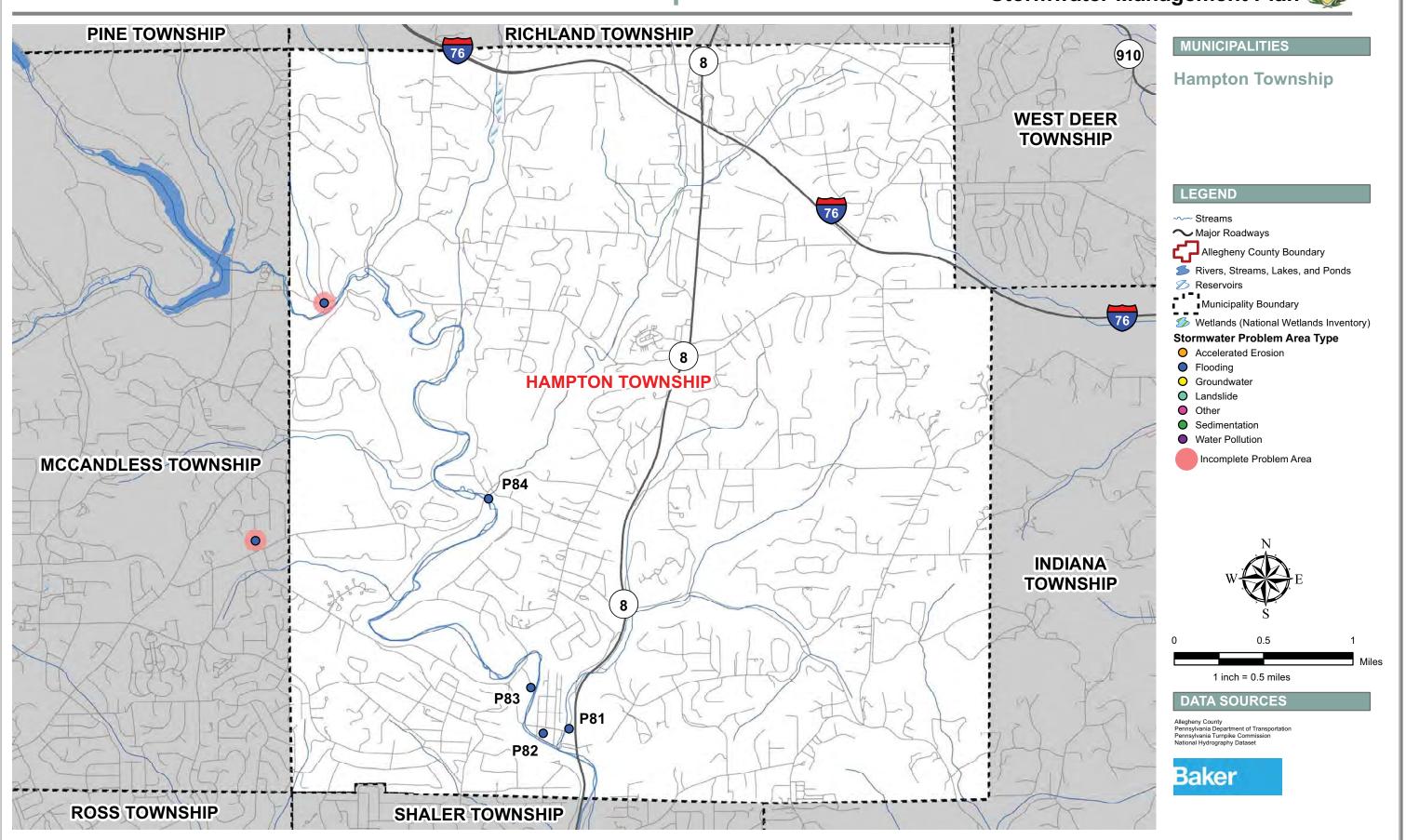


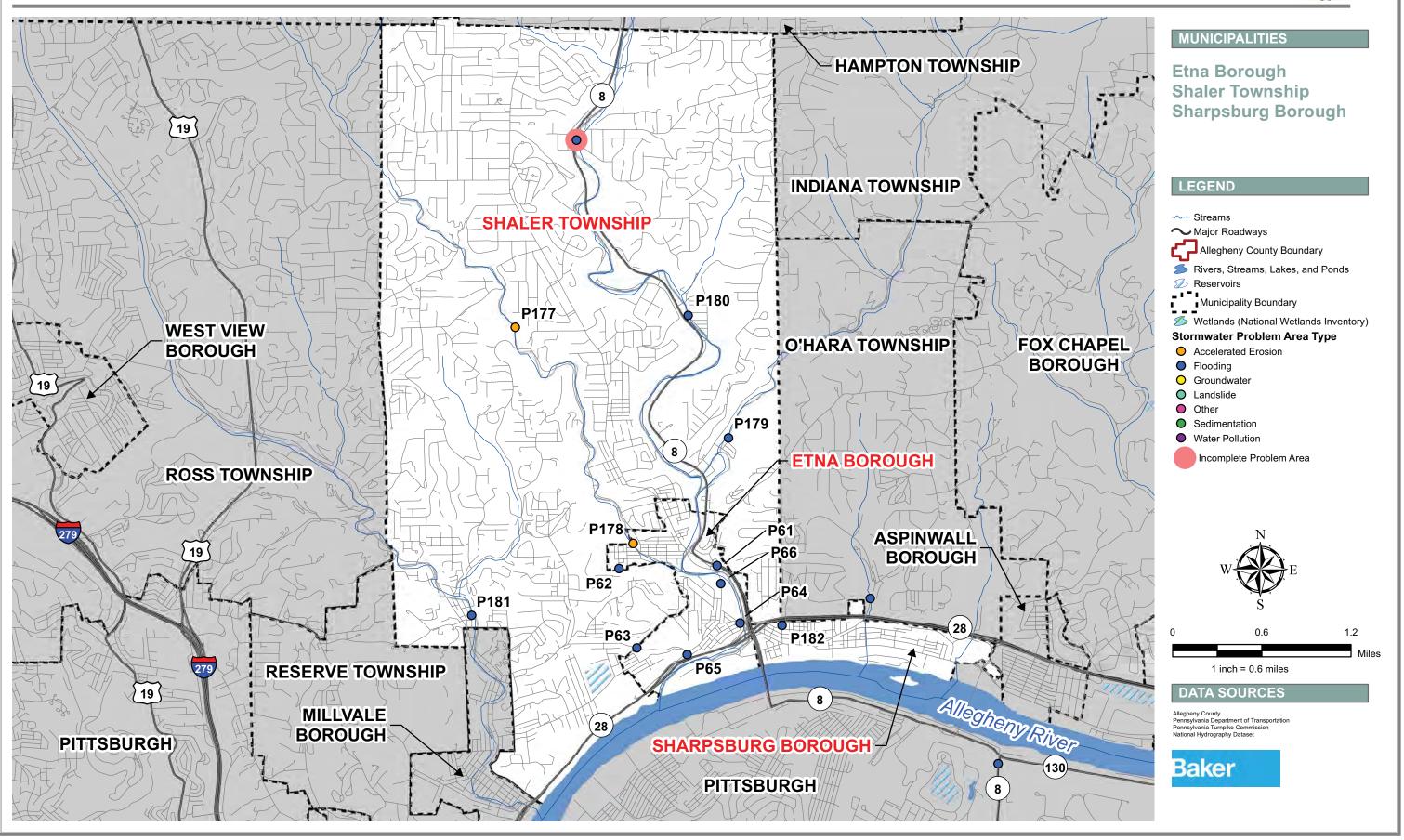


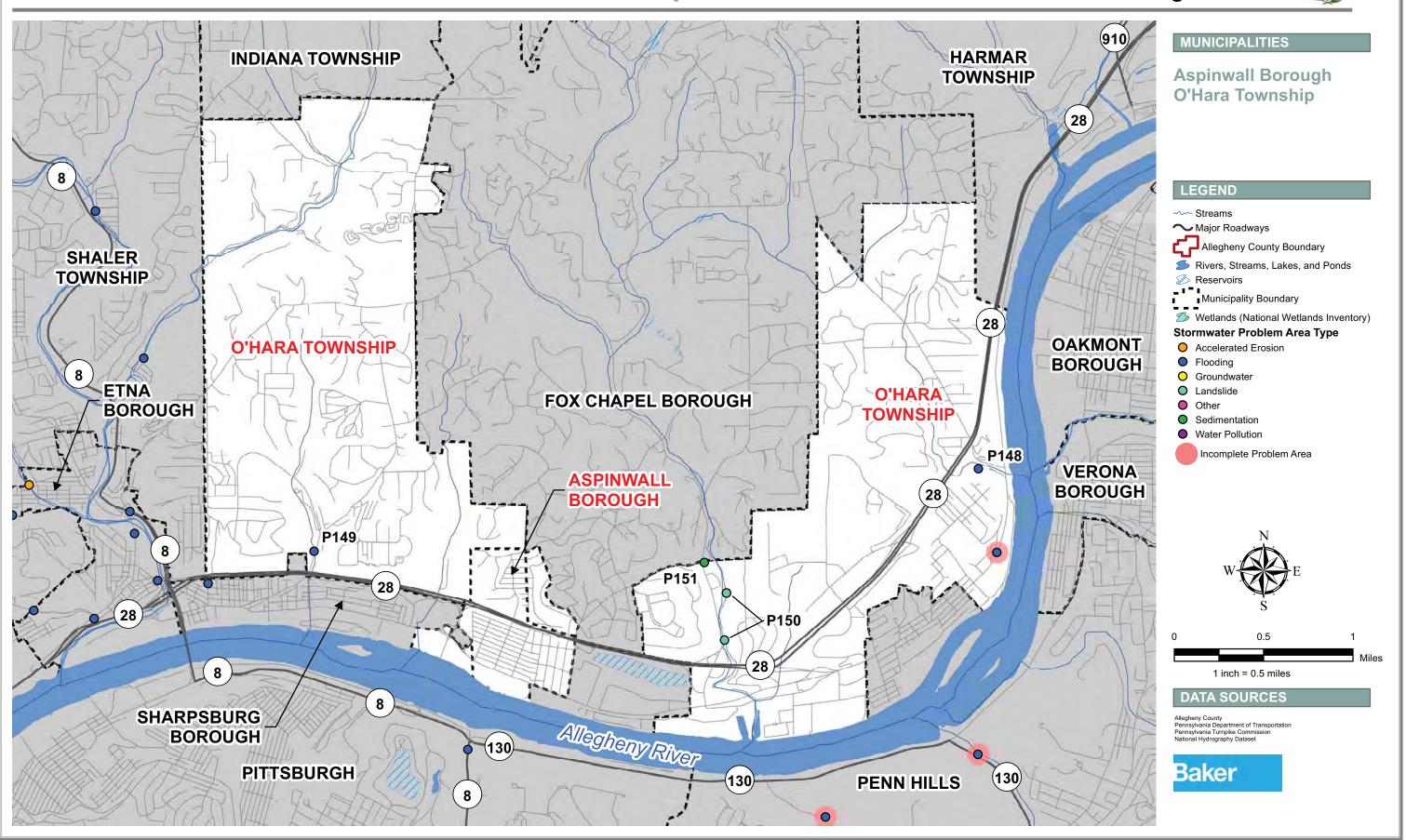


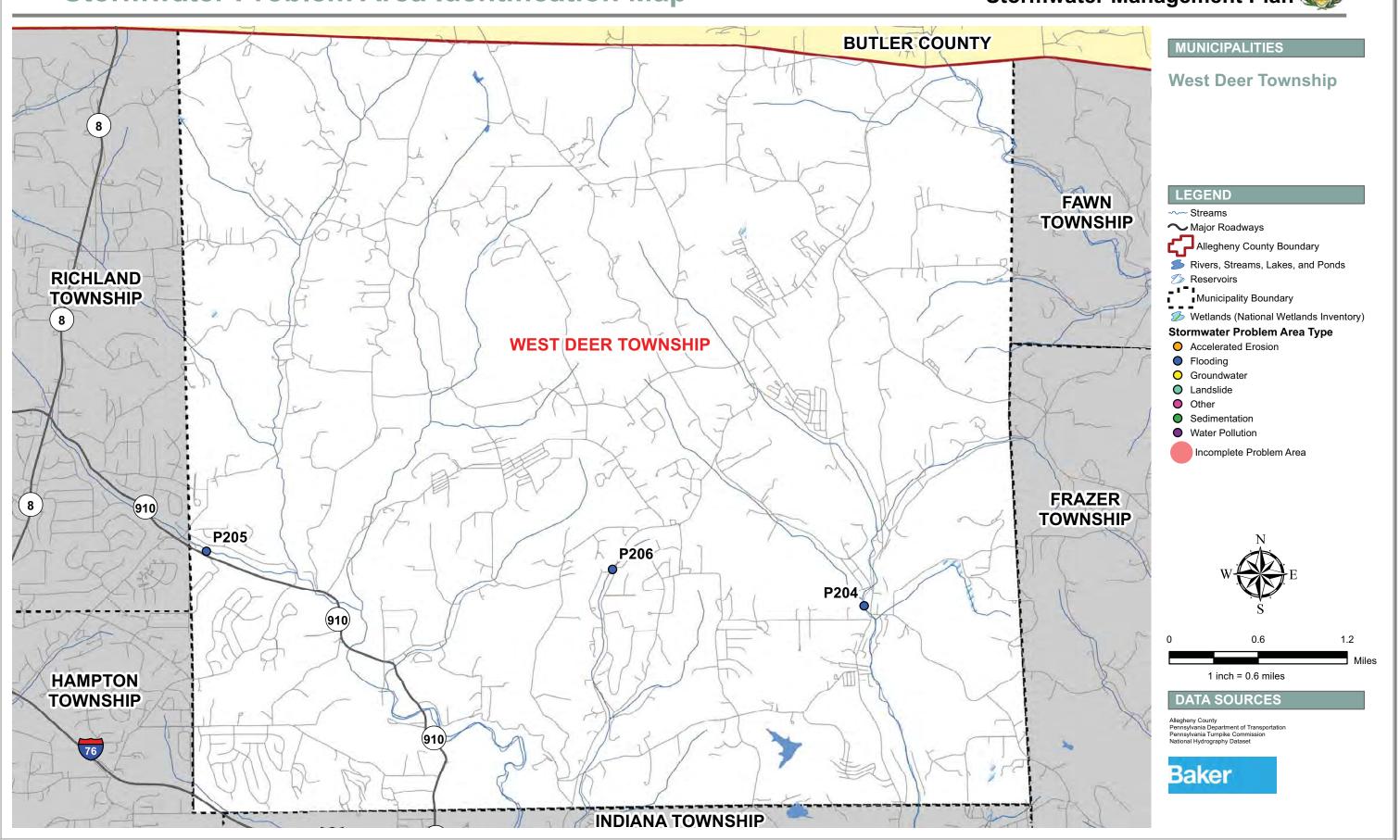


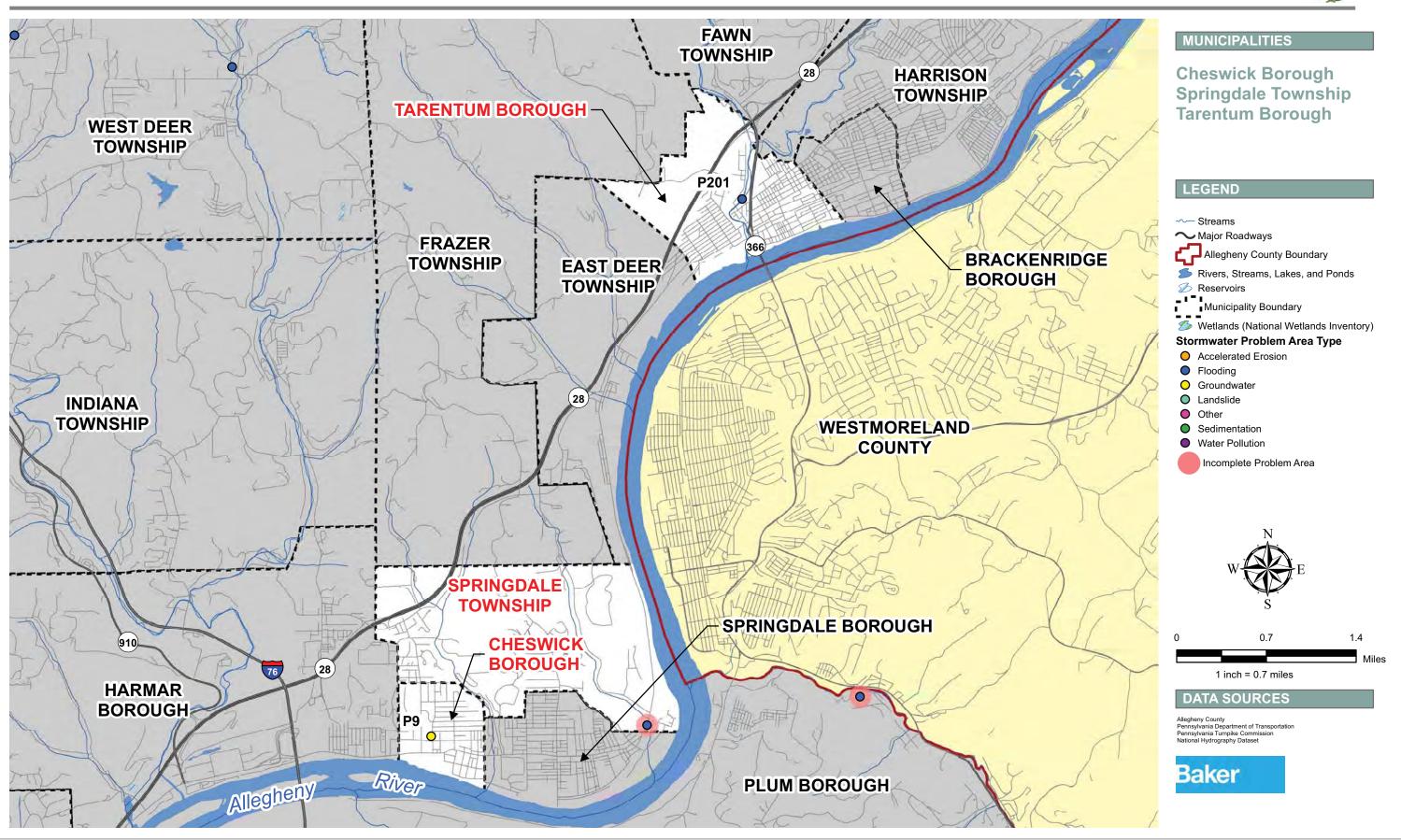


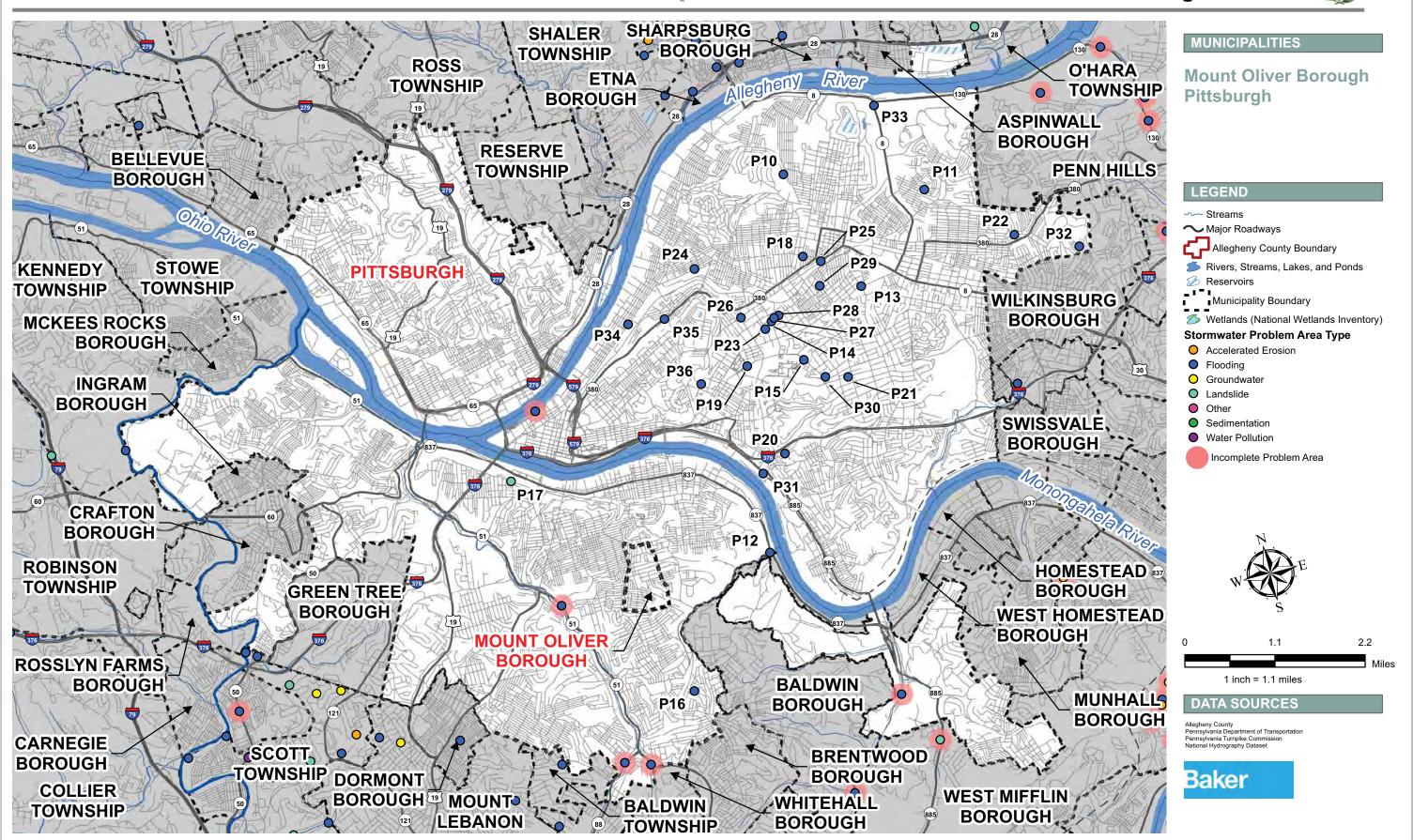




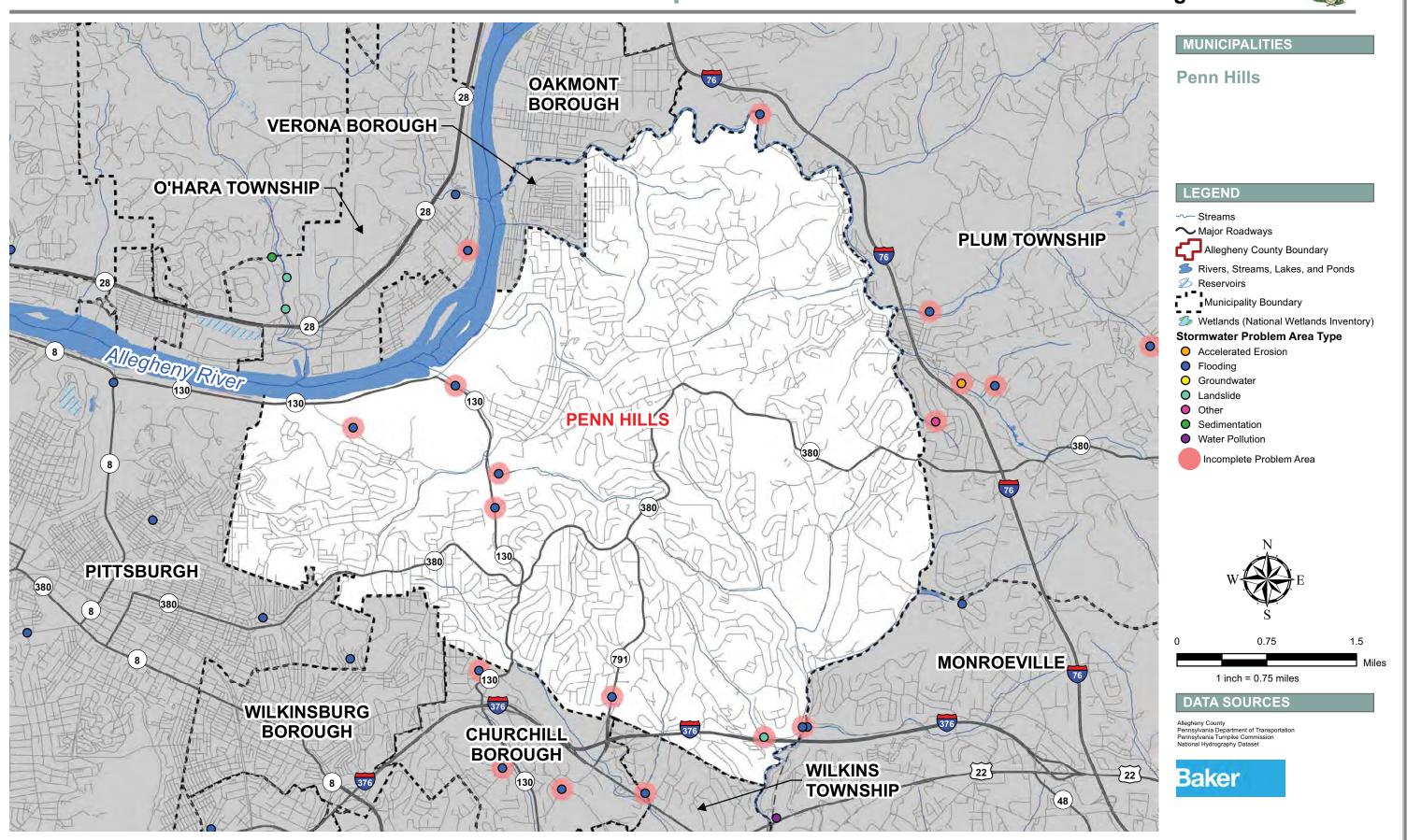


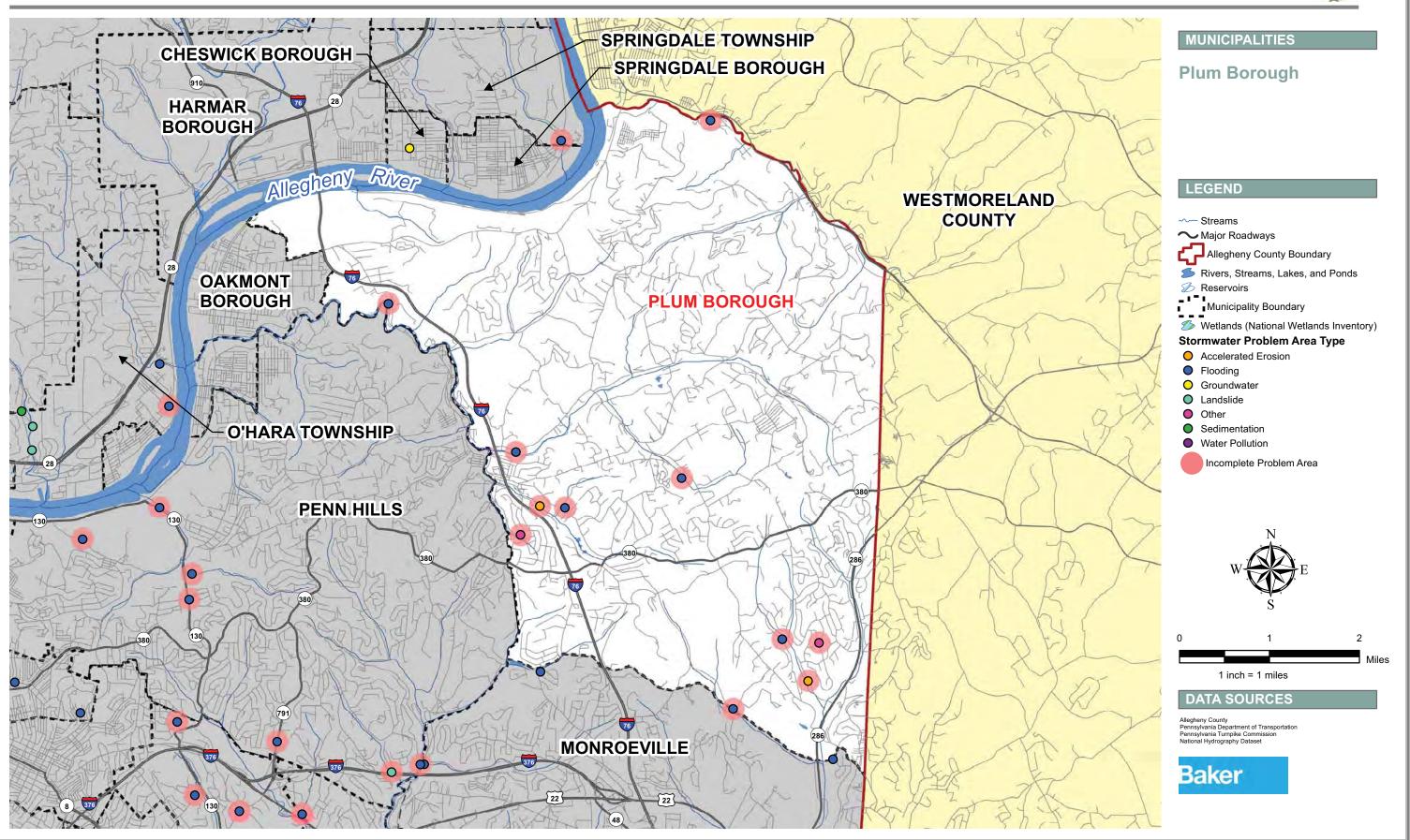


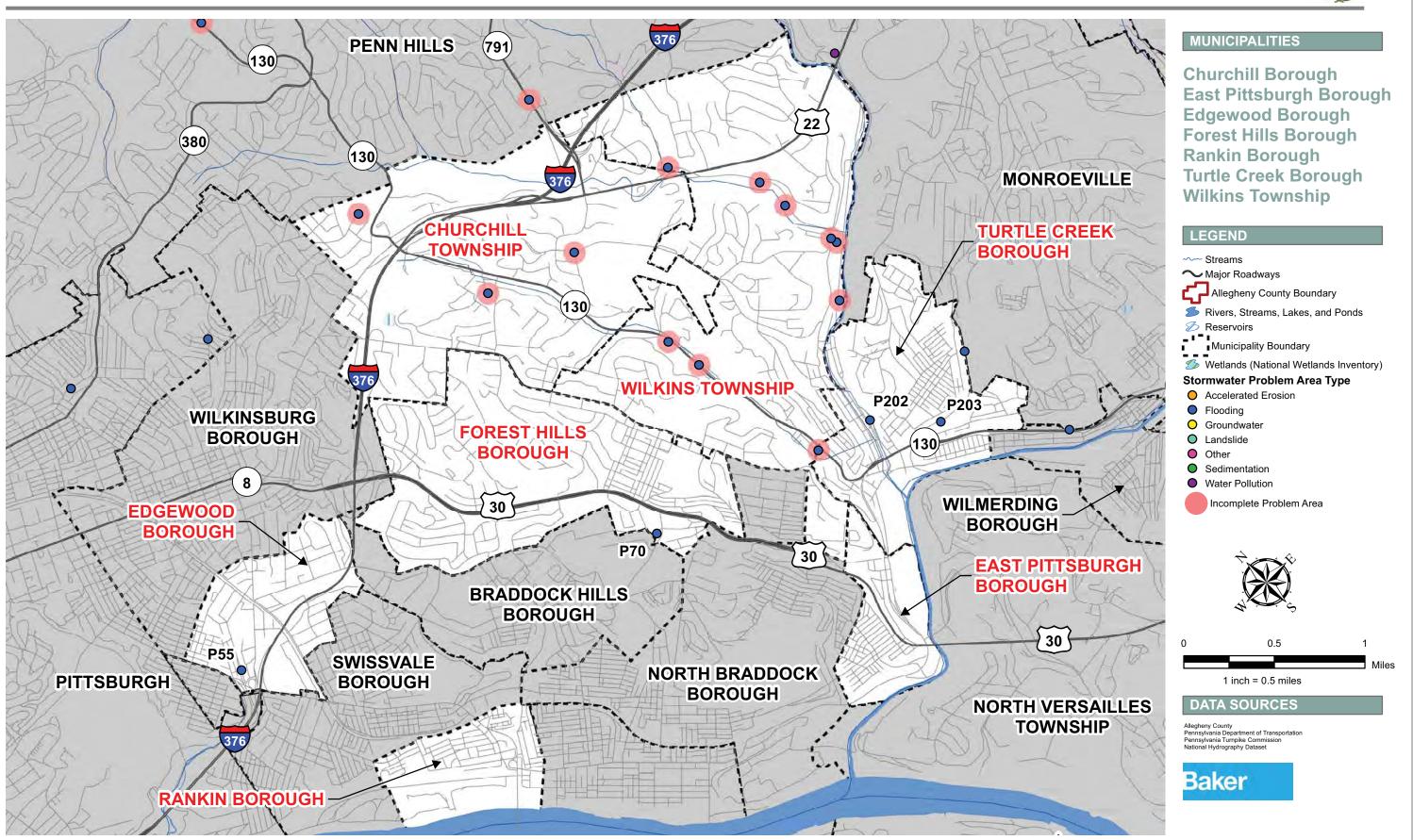


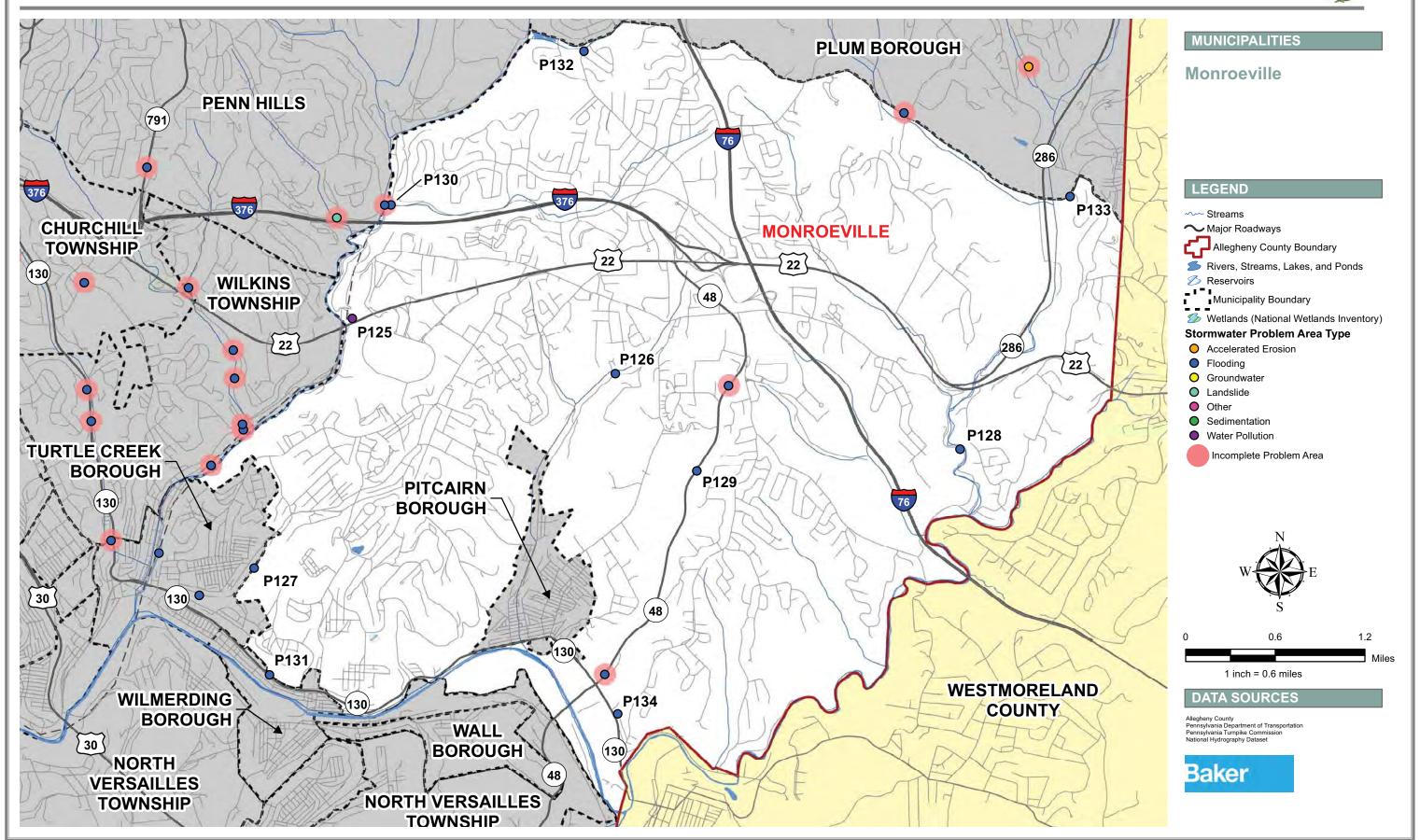


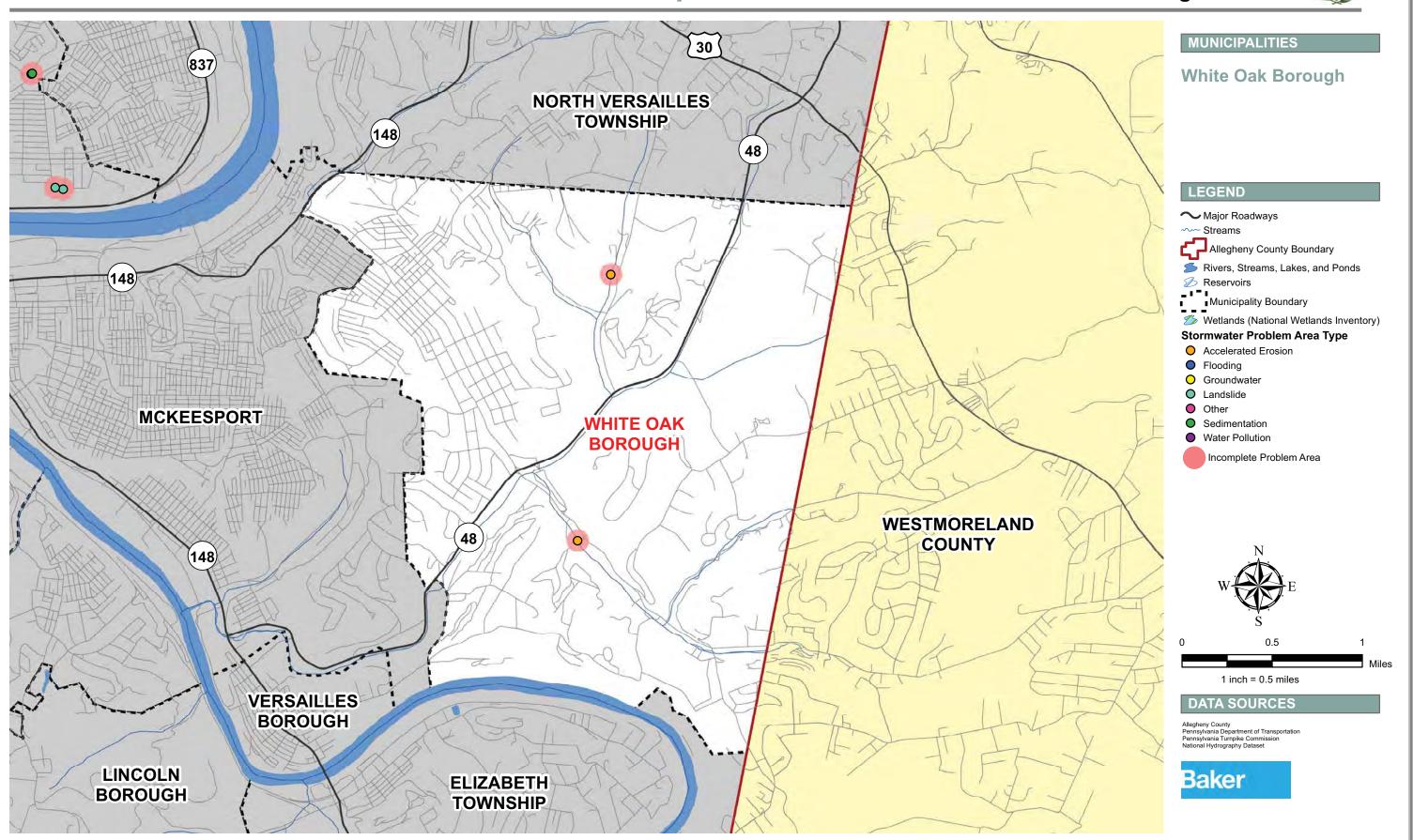
Problem Area Identification Maps Region 3

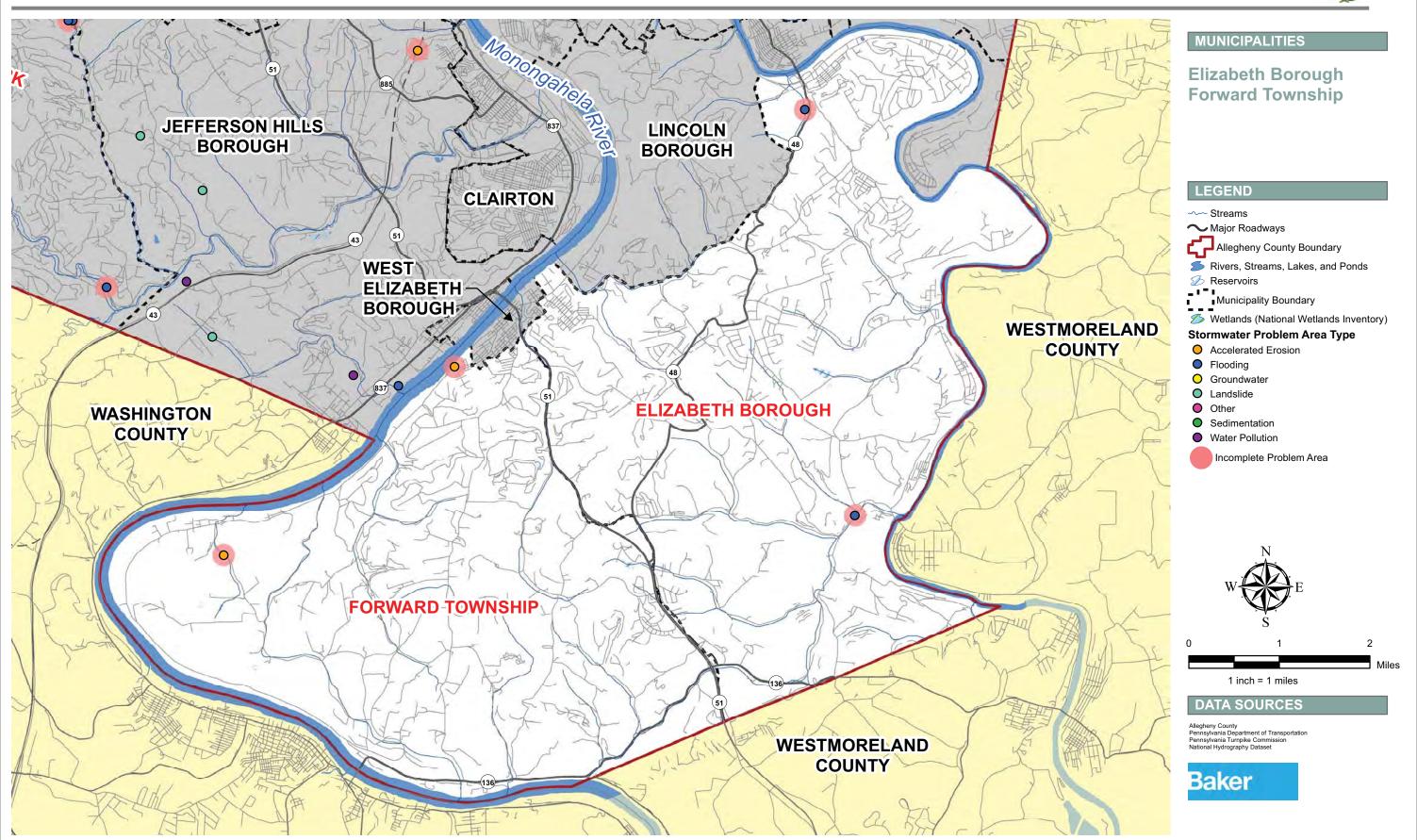


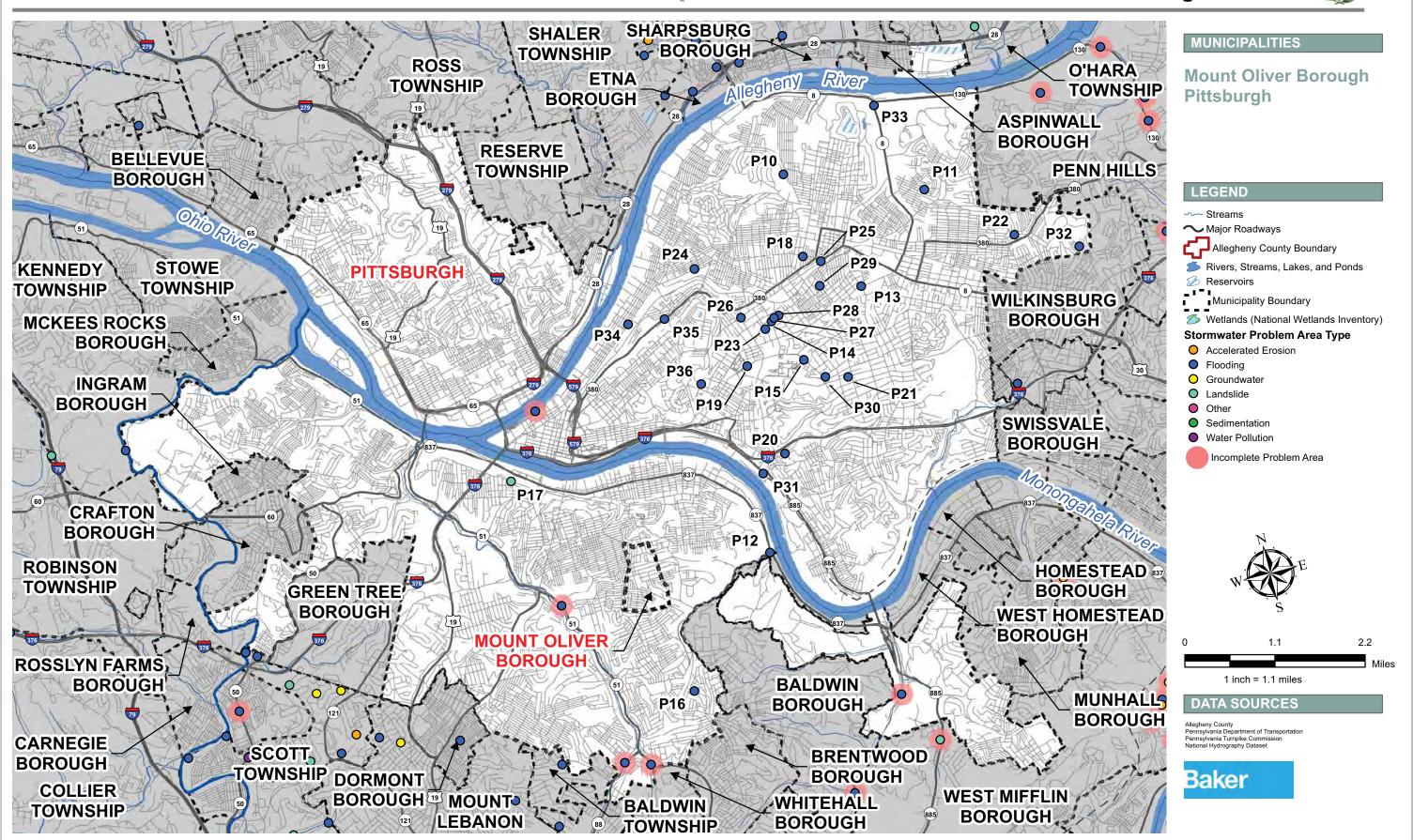








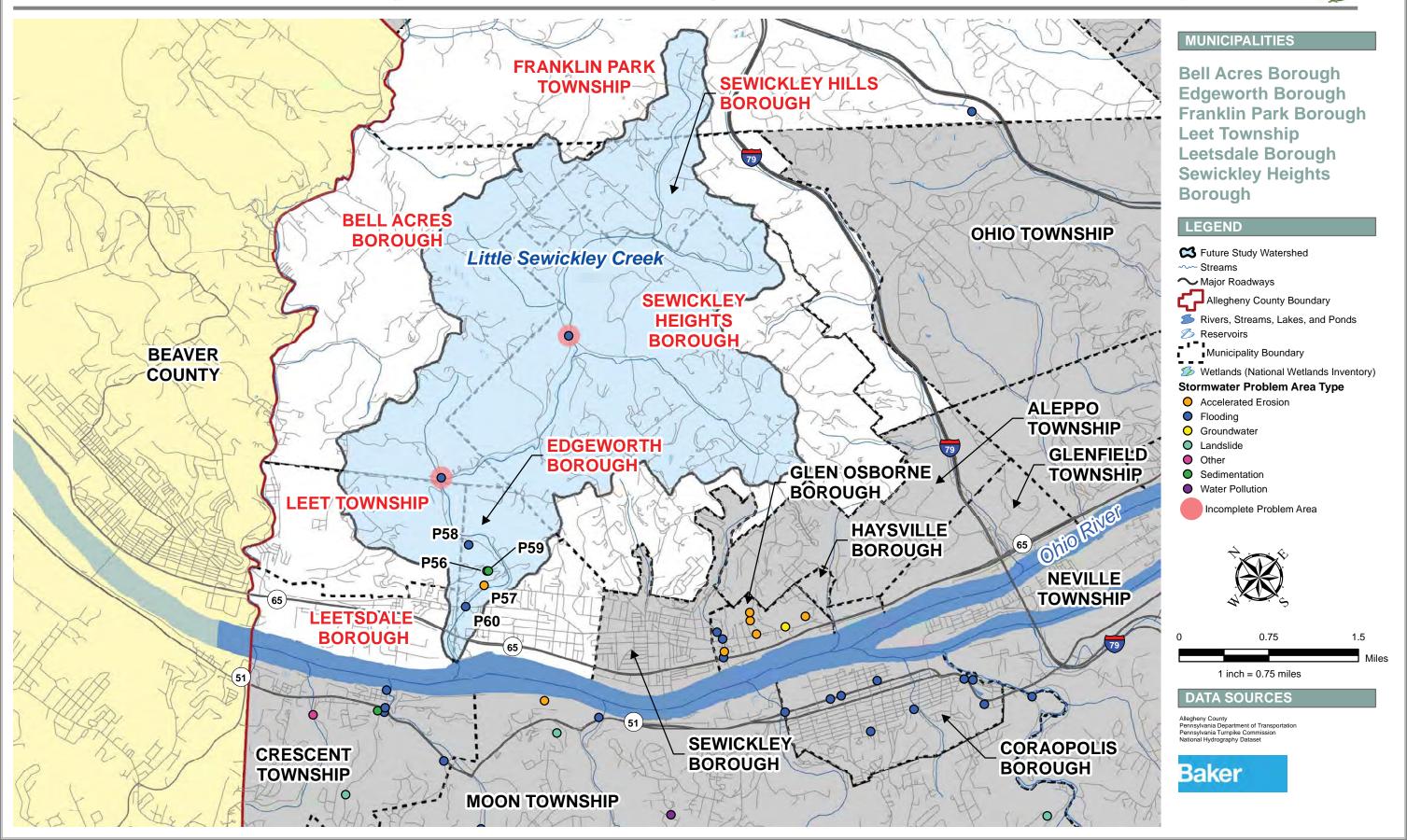




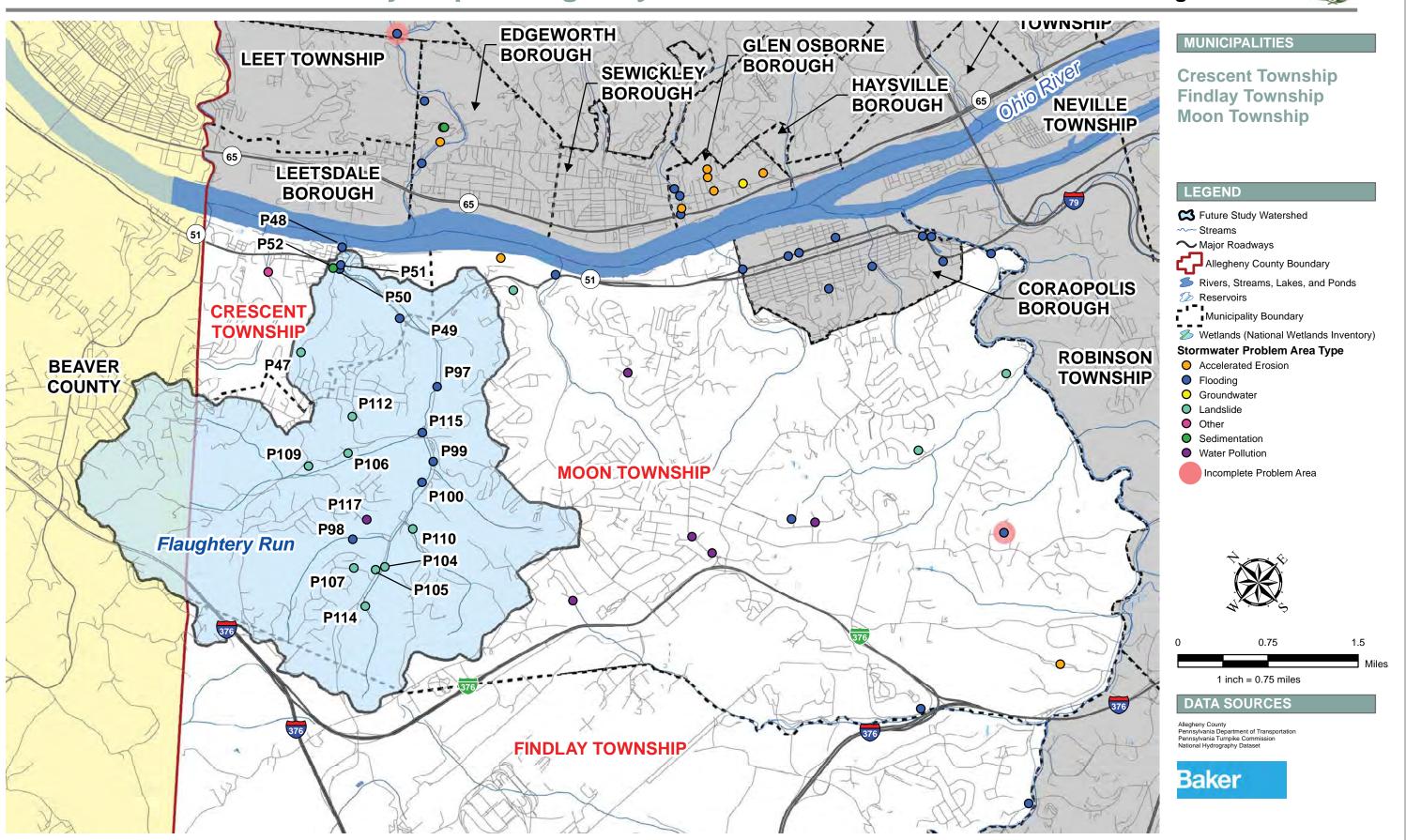
APPENDIX G Future Watershed Study Maps

Allegheny County Allegheny County Act 167 & Future Watershed Study Map Stormwater Management Plan **Butler County** LEGEND Armstrong Interstate Highway County — State Highway US Federal Highway Future Study Watersheds **Beaver County** ACT 167 Plan Completed ACT 167 Under Preparation No ACT 167 Plan Allegheny County Boundary Flaugherty Run Bordering Counties Municipal Boundary **Stormwater Problem Area Type** Accelerated Erosion Flooding Thompson Run Groundwater Landslide Other Sedimentation Water Pollution Robinson Run Westmoreland County Millers Run Washington County 1 in = 4 milesDATA SOURCES Allegheny County Pennsylvania Department of Transportation Pennsylvania Turnpike Commission National Hydrography Dataset Baker

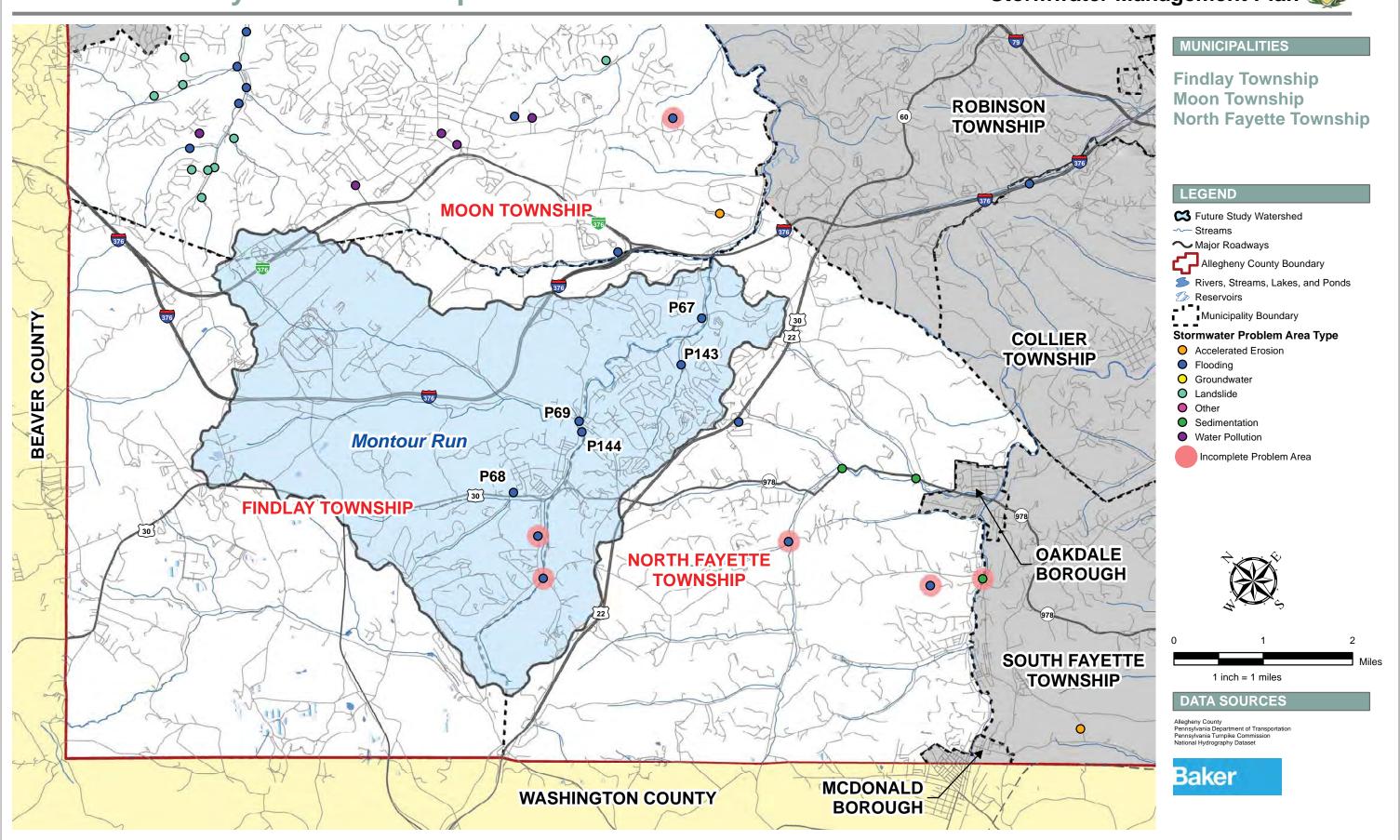
Future Watershed Study Map - Little Sewickley Creek



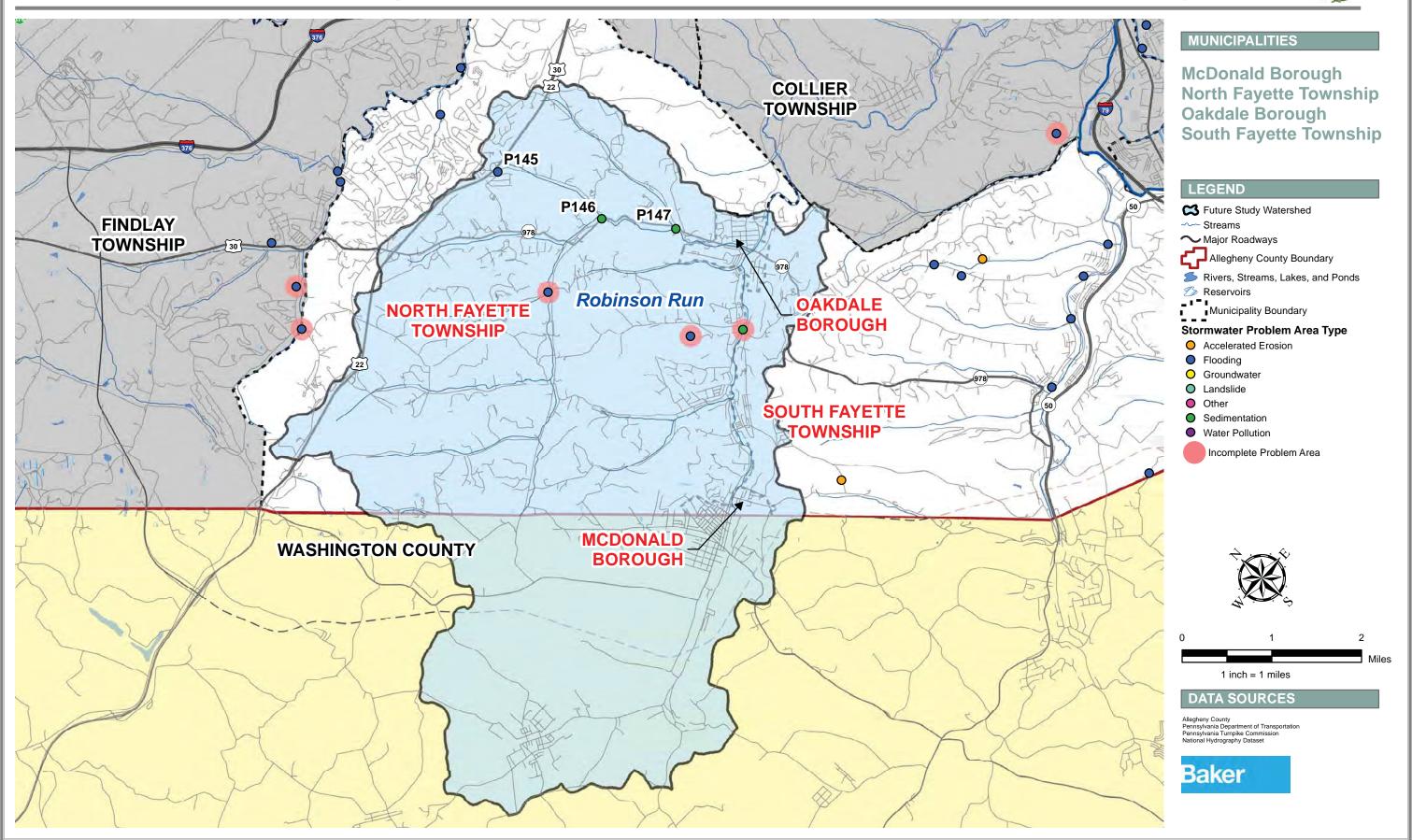
Future Watershed Study Map - Flaugherty Run



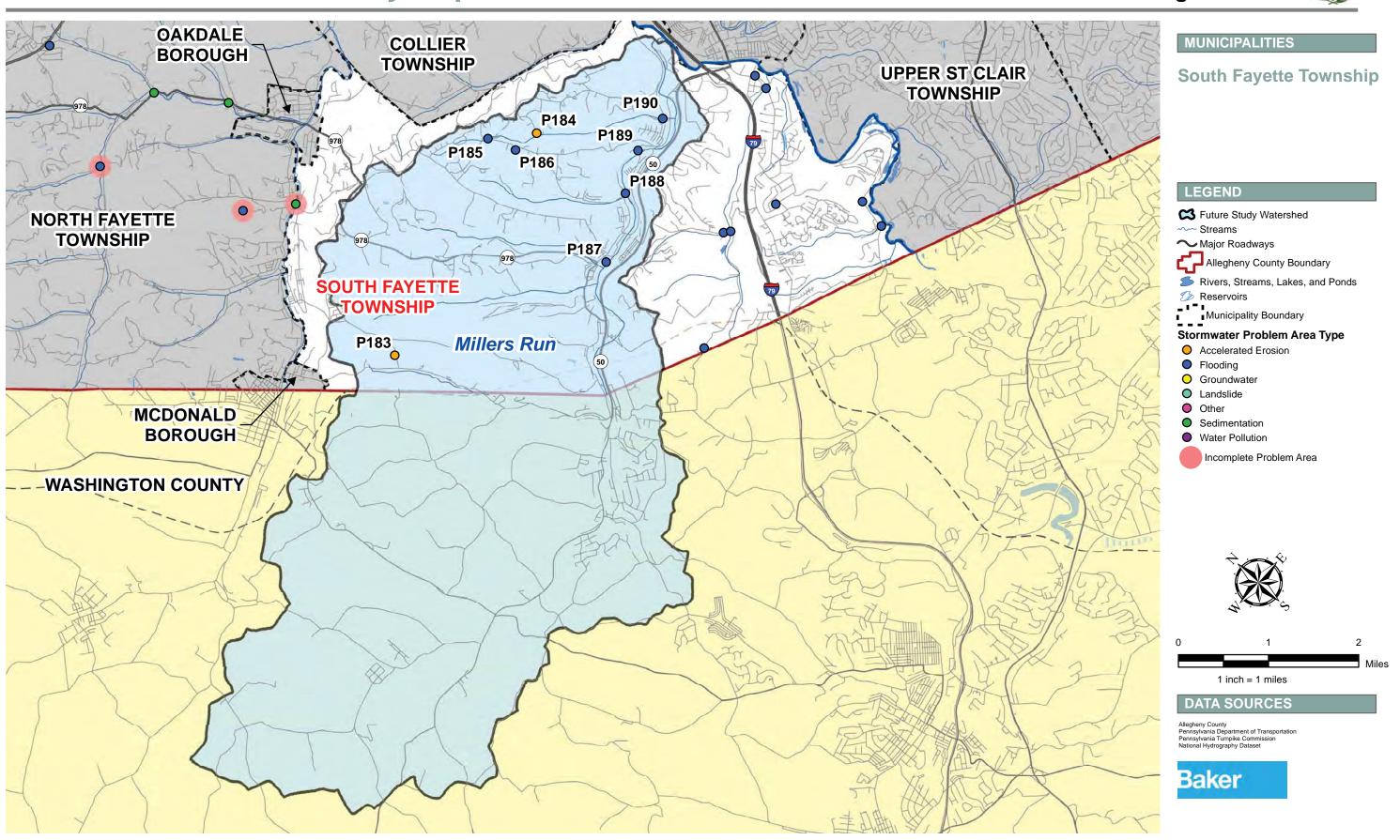
Future Study Watershed Map - Montour Run



Future Watershed Study Map - Robinson Run

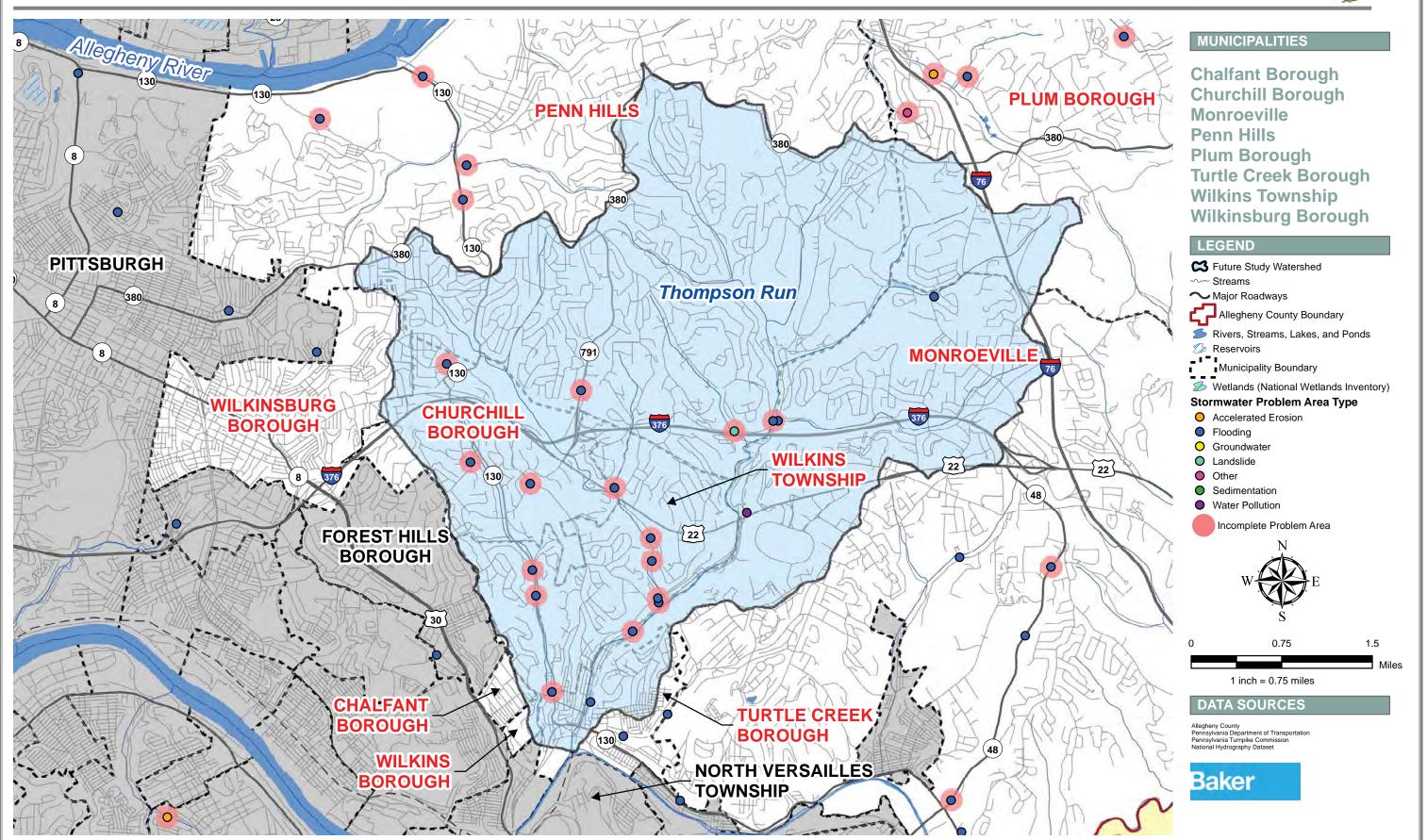


Future Watershed Study Map - Millers Run



Allegheny County Future Watershed Study Map - Streets Run and UNT to Monongahela River Stormwater Management Plan BRADDOCK. MUNICIPALITIES HOMESTEAD BOROUGH 130 BOROUGH WHITAKER **Baldwin Borough WEST HOMESTEAD BOROUGH** NORTH **Brentwood Borough** BOROUGH **BRADDOCK Dravosburg Borough TOWNSHIP Pittsburgh Pleasant Hills Borough West Mifflin Borough** Whitehall Borough LEGEND BALDWIN MUNHALL Future Study Watershed **BOROUGH BOROUGH** --- Streams Major Roadways Allegheny County Boundary **DUQUESNE BRENTWOOD PITTSBURGH** Fivers, Streams, Lakes, and Ponds BOROUGH Reservoirs Streets Run Municipality Boundary Wetlands (National Wetlands Inventory) **Stormwater Problem Area Type** Accelerated Erosion Flooding Groundwater Landslide WHITEHALL Other **BOROUGH** Sedimentation **WEST MIFFLIN BOROUGH** DRAVOSBURG Water Pollution Incomplete Problem Area **BOROUGH MCKEESPORT** UNT to Monongahela River **PORT VUE** PLEASANT HLLS **BOROUGH BOROUGH** 1 inch = 0.75 milesSOUTH PARK **DATA SOURCES TOWNSHIP** Allegheny County Pennsylvania Department of Transportation Pennsylvania Turnpike Commission National Hydrography Dataset LIBERTY **GLASSPORT BOROUGH BOROUGH** Baker **JEFFERSON HLLS BOROUGH**

Future Watershed Study Map - Thompson Run



APPENDIX H Phase II Scope of Work

PHASE II SCOPE OF WORK

[Note: at the County's request, this Scope of Work is written as if the PA Department of Environmental Protection is currently funding Act 167 Plans.]

The COUNTY shall prepare Phase II of the PLAN in accordance with the tasks described in this Appendix H - Phase II Scope of Work. Phase II will concentrate on development of a model ordinance that can be adopted by all municipalities. Phase II will include the analysis of problem areas and significant obstructions, and providing conceptual solutions to those problems. For the purpose of carrying out work described in this Appendix H, the Allegheny County Department of Economic Development shall be considered as the COUNTY and shall assume all responsibilities deemed to be assumed by COUNTY. The COUNTY, with the help of the CONSULTANT, will accomplish the technical and non-technical components of the PLAN.

The final Phase II Report and associated Model Ordinance shall be considered as the PLAN.

The Pennsylvania Department of Environmental Protection shall be considered as the DEPARTMENT.

The selected engineering firm shall be considered as the CONSULTANT.

The Phase II contract between Allegheny County and The Pennsylvania Department of Environmental Protection shall be considered as the AGREEMENT.

Project Administration

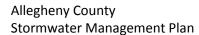
The COUNTY shall be responsible for, but not limited to, overall administration of all tasks, including the preparation of DEPARTMENT invoices and progress reports, organizing and/or attending meetings, attending to budgeting and organizational matters, and participating in teleconferences regarding the PLAN.

This task also covers the administrative work required to initiate the AGREEMENT between the DEPARTMENT and the COUNTY, and to initiate selection of a CONSULTANT and, upon selection, to initiate contracts between the COUNTY and the CONSULTANT and to lay out a framework for the critical coordination aspect with the municipalities. Activities include defining the framework for accomplishing various elements of the PLAN, scheduling of time and defining the budget, progress reporting procedures and formats, and finalizing the work schedule. It will also include the preparation for and holding the Phase II start-up meeting between the DEPARTMENT, the COUNTY, and the CONSULTANT.

This task also includes the delineation of work for Phase II between the COUNTY and the CONSULTANT.

Project Billing

The COUNTY shall complete all of the tasks (A through E) and report the progress and status of the PLAN. The COUNTY shall prepare and submit monthly invoices and report the status of work accomplished to the DEPARTMENT pursuant to the terms and conditions specified in the AGREEMENT.



TASK A - Data Collection, Review, and Analysis

Subtask A.1 – Data

During Phase I extensive data collection was accomplished including gathering, reviewing, and analyzing the required data to complete the technical and institutional planning steps for the PLAN. The CONSULTANT and COUNTY worked jointly to collect data from county offices, municipalities, and local, state, and federal agencies for use in preparation of the PLAN. The data consists of information concerning existing and future conditions throughout Allegheny County. The data collection activities were accomplished primarily by gathering available information from the Phase I WPAC and from the Information Request Form that was distributed to the municipalities during Phase I. This accumulated data was presented in the Phase I Report.

Subtask A.1 will be the necessary efforts to incorporate the data from Phase I into the PLAN.

Data that was collected and will be used to develop the PLAN includes:

- 1. Comprehensive land use plans.
- 2. Existing municipal ordinances.
- 3. Soils.
- 4. Geology.
- 5. Topographic and other readily available mapping.
- 6. Aerial photographs.
- 7. Previously completed engineering and planning studies.
- 8. Stormwater-related problems areas.
- 9. Existing and proposed flood control projects.
- 10. Existing and proposed stormwater control facilities.
- 11. A listing of existing and proposed stormwater collection and control facilities, including a designation of those areas to be served by stormwater collection and control facilities within a 10-year period, an estimate of the design capacity and costs of such facilities, a schedule and the proposed methods of financing the development, construction, and operation of such facilities, and an identification of the existing or proposed institutional arrangements to implement and operate the facilities, where this information is readily available.
- 12. Significant water obstructions.
- 13. Stream flow and rain gauge data and other water quality information.
- 14. FEMA FIS floodplain information (map effective date 9/26/14).

This Subtask also involves the review and preliminary analysis of the technical data that has been obtained for consistency and usability. It also includes the review of the institutional data collected through the Phase I Information Request Form process for consistency and usability in the final PLAN.

As requested by the County, several municipalities will be contacted and interviewed

regarding their proactive water quality initiatives related to current and future MS4 compliance. The intent is to gather and then include in the Final Report some guidance for other municipalities seeking to be proactive in the MS4 process.

Anticipated Product

The product will include the information listed above, gathered and organized in such a way as to be usable for both short and long term municipal and county stormwater planning (including updates). A final data summary will be prepared that will identify and/or catalogue the collected data and funding streams.

Subtask A.2 – Problem Areas and Obstructions Summary and Inspection

A detailed evaluation will be performed for problem areas and obstructions identified during Phase I as regional or significant problems. Regional problems are those that are caused by stream flooding, or by detention basin discharges. On the other hand, local problem areas are those that are caused by local drainage inadequacies. The Phase I report identified apparent significant problem areas that will be further office-evaluated during this Phase II task to identify those to be field evaluated. Field visits will be performed for the thus identified significant problem areas. Calculations will be completed for the sub-watershed where these "significant" problem areas or obstructions occur (as part of Subtask B.3), then these sites will be designated as points-of-interest, and associated design storm flows will be developed. A collection of past studies/investigations including any PennDOT hydrologic computations, if available, will be compiled and reviewed for proposed solutions. Those problem areas not identified and classified as "significant" will be grouped into generalized categories such as erosion problems, sediment problems, water quality problems, inadequate storm sewers/inlet capacity, etc., and generalized solutions will be provided for each category. Field visits will not be performed for generalized problem areas. The PLAN will summarize these problem areas and obstructions, provide proposed solutions, and will specify possible sources of funding to pursue for implementation. The PLAN will make suggestions for other programs/activities to deal with the issues raised during the planning process. The identification of the problem areas will help in assessing the stormwater management rate controls needed for the sub-watersheds.

Although the identification of the problem areas will help in assessing the stormwater management rate controls needed for the sub-watersheds, the statewide Act 167 program does not provide funds to correct infrastructure problems or implement conceptual solutions. The Phase II report will however, provide for a systematic approach and help to identify potential sources of funding to correct the problems, and will, through the preparation and implementation of stormwater ordinances, provide administrative means to correct existing problems and prevent future problems from uncontrolled runoff from future development and activities that may affect stormwater.

Subtask A.3 – Municipal Ordinance Reviews/Evaluations

This task will involve the detailed evaluation of the municipal ordinances available from Phase I or as provided for review during Phase II by the municipalities in order to prepare a municipal ordinance comparison matrix. The evaluation will utilize the report and spreadsheet developed by 3 Rivers Wet Weather titled "Stormwater Ordinance Review –

Barriers and Facilitators to Green Infrastructure and Low-Impact Development in Allegheny County, Pennsylvania, June 2013." The County's files of municipal subdivision and land development ordinances will also be utilized.

This matrix is intended to display (for both the actual preparation of the implementation PLAN and also for the municipal education process), the current stormwater management provisions in the various municipal ordinances for the municipalities within Allegheny County. The objectives and the preparation of the matrix are to easily and effectively see the similarities and differences, as well as the consistency/inconsistency, between the various municipal ordinances in the County. The matrix will be used to develop generalized ordinance provision recommendations for the various municipalities.

Anticipated Product

The product will be a matrix of provided stormwater management ordinance provisions for the municipalities, which identify the current status of ordinance provisions as they relate to stormwater management.

Subtask A.4 – Data Preparation for Technical Analysis

This Subtask involves the engineering work necessary to transform existing, available information collected under Subtask A.1 into a Geographic Information System (GIS) database that can be used for the later technical tasks and map (plate) production. Included will be the preparation of land characteristics GIS data layers for modeling and display purposes. All data will be incorporated into the GIS database on an as needed basis.

The GIS data layers will include:

- <u>Base Mapping</u> Existing base map information (roads, streams, municipal boundaries, text, etc.) will be collected and the most accurate data will be utilized to develop the County's base map. All data will be projected into the coordinate system utilized by Allegheny County. All data from various sources will be merged into a seamless base map.
- <u>Land Use/Land Cover Information</u> Current aerial (photographic and/or digital images), available GIS land use files, and zoning maps will be collected and formatted into the format required for hydrologic modeling based on NRCS (formerly SCS) land use classifications. Land development projects completed subsequent to existing data will be added as necessary.
- <u>Future Land Use Conditions</u> Future projected planning information will be overlaid on the existing land use conditions mapping to determine the future land use scenario for development at a 10-year build-out condition.
- <u>Soils Information</u> The County Soils Survey maps will be modified and/or prepared to illustrate NRCS hydrologic soils groups instead of individual soil types. Overlay mapping will be necessary to prepare the hydrologic soils group map necessary for modeling.

- <u>Digital Elevation Models</u> Digital Elevation Models (DEMs) will be utilized and evaluated for watershed and sub-watershed delineation and to assign slope category information to the sub-watersheds for which detailed modeling will be completed. The DEMs will be merged to form a seamless watershed map and projected to the appropriate coordinate system.
- <u>Digital Raster Graphics (DRGs)</u> Ortho digital USGS topographic maps will be compiled and utilized to evaluate NRCS land use classifications and to determine the location of significant obstructions and problem areas.
- <u>Geology</u> If available, digital geologic maps that include pertinent geologic features (limestone, sandstone, etc.) will be developed for the COUNTY and be extracted and displayed as part of the PLAN.
- Obstructions Obstructions will be located on the appropriate base map and data or attributes will be attached or linked to the locations.
- Problem Areas, Flood Control Structures, and Stormwater Management Facilities –
 These items will be located on the appropriate base map and data or attributes will
 be attached or linked to the locations.
- <u>Floodplains</u> Available FEMA FIS floodplain data (map effective date 9/26/14) will be transposed to the appropriate base map and displayed with the development in Allegheny County.

A summary of data sources will be supplied (simplified metadata) and will include data type (coverage, shape file, image), source, projection, and year.

Subtask A.5 – Delineation of Sub-watersheds

Phase I has identified eight watersheds where detailed modeling would be beneficial in determining problem area solutions and/or developing release rate/Management District criteria. The selection of the watersheds and sub-watersheds to be modeled will be determined as funding becomes available. To accomplish this, the selected watersheds and sub-watersheds will be delineated by the CONSULTANT on a base map at a scale that results in a manageable map size and adequate detail. This breakdown of the watersheds by major tributary drainage courses and points-of-interest will be the basis for the hydrologic and hydraulic analyses. The CONSULTANT will determine the size of the sub-watersheds to be delineated; however delineations of sub-watersheds smaller than three (3) square miles will require the COUNTY's concurrence.

The sub-watersheds will be delineated based on the following:

- 1. The location of existing regionally significant stormwater management problems: as identified by the WPAC; in the Information Request Form; during the field reconnaissance; or from data compiled in previous studies or reports.
- 2. The location of significant regional stormwater and flood control obstructions such as highway bridges and culverts, or stormwater control facilities.
- 3. Confluence points of tributaries, as deemed appropriate and significant relative to regional stormwater management planning based on engineering judgment

- and good modeling practice.
- 4. Other points of interest, such as stream gage or water quality monitoring stations, locations of water quality concerns, potential flood control project sites, significant outfall locations downstream of existing developments, or where significant development is anticipated and projected to occur.

This task will also include mapping of relevant regional watershed planning information onto GIS data layers. This mapped information will include:

- 1. Floodplain Areas The approximate floodplain limits plotted over the watershed base map or the highlighting of those stream segments for which FEMA detailed or approximate Flood Insurance Studies are available (map effective date 9/26/14).
- 2. Regionally significant stormwater obstructions and their capacities Significant obstructions will be those that are identified (under Subtask A.2) in the Information Request Form and/or which are confirmed by the CONSULTANT as being areas where insufficient capacity exists to pass the necessary storm flows, thereby resulting in a flooding hazard to persons or property, or those obstructions that would act as regionally significant impoundments that may affect watershed modeling and the watershed stormwater response.
- 3. Existing local, state and federal flood protection and stormwater management facilities.
- 4. Proposed stormwater facilities within the 10-year planning period Where known and confirmed by the municipalities through the Information Request Form completion process.
- 5. Regionally Stormwater Related Problems Those areas indicated in the Information Request Form and where confirmed by the CONSULTANT (under Subtask A.2) through technical modeling/analysis (for example, flooding points or areas of stream bank erosion).

Anticipated Product

The product will be completed GIS watershed data layers and maps. The maps completed for this task will be preliminary and will be modified and finalized as a part of the final PLAN preparation efforts.

TASK B – Technical Analysis

The technical analysis will describe the analytical processes involved with developing a strategy to regulate existing and new land development and activities that may affect stormwater runoff. Since stormwater runoff has a direct impact on flooding, water quality, and groundwater recharge, this analysis will consider the following objectives:

- Implement non-point source pollution removal methodologies.
- Preserve and restore natural stormwater runoff regimes and natural course, current, and cross section of Waters of the Commonwealth, to the maximum extent practicable.
- Preserve, protect, maintain, and restore groundwater recharge and recharge areas. Protect stream channel and land areas from erosion.

- Restore and preserve flood carrying capacity of streams.
- Manage extreme flood events.

These objectives will be accomplished under Subtasks B.1 to B.9.

Where Act 167 Stormwater Management Plans have been developed, it is not the intention of these Tasks to redo the previous modeling unless specifically directed by the County.

Subtask B.1 – Implement Volume Controls

Establish the Design Storm Method (Control Guidance 1 in The Pennsylvania Stormwater Best Management Practices Manual) and the Simplified Method (Control Guidance 2 in The Pennsylvania Stormwater Best Management Practices Manual) consistent with the Department of Environmental Protection, Bureau of Watershed Management's Pennsylvania Model Stormwater Management Ordinance.

Subtask B.2 – Implement Rate Controls

Establish a minimum 100% release rate for all lands contained within Allegheny County. More restrictive release rates may be developed in sub-watersheds with existing problem areas or intense development pressures. Release rates in areas of the County with adopted Act 167 Plans will be reviewed.

Subtask B.3 – Sub-watershed Calculations (identified significant problem areas)

This Task involves quantitative computations and evaluations necessary to analyze runoff characteristics of the sub-watersheds which contribute flow to obstructions and identified "significant" problem areas under existing and future conditions. Sub-watersheds to be modeled will be those identified as "significant" under Subtask A.2 (approximately 20 sub-watersheds are anticipated). Existing and future land use and land cover will be used to determine existing and future peak rates of discharge. Input data including rainfall information, drainage network layouts and capacities, travel times within sub-watersheds, significant obstructions, and GIS based data will be used to develop the selected hydrologic model.

Design Storm Selection - The calculations will be performed for the design storm or storms which cause the problem and for which a solution is required.

Subtask B.4 – Provide Conceptual Solutions for Existing Problem Areas

Based on the results of Subtask B.3, this information will be used to develop alternative conceptual solutions for the significant problem areas identified in the Information Request Form and by the WPAC; and determined to be "significant" under Subtask A.2. Problem areas may consist of flooding, stream channel or bank erosion, property damage, detention basins (retrofitting), etc. The developed solutions will be conceptual in nature (i.e., no final engineering or specification will be completed). These conceptual solutions will be presented as recommendations to the municipalities. It will be up to the individual municipality's discretion whether or not to implement the conceptual solutions for the problem areas. If the municipality desires to implement the conceptual solution, the municipality will be responsible to acquire funding sources to implement the final solutions. Generalized solutions will be provided for each type of generalized problem

area.

Subtask B.5 – Goals, Objectives, and Compilation of All Technical Standards

The goals and objectives need to:

- Satisfy all regulatory requirements (including correcting water quality impairments related to stormwater or urbanization appearing in the EPA 303(b) and (d) lists, or impairments associated with approved TMDLs).
- Meet the purpose and policy of Act 167.
- Meet regulatory and permit requirements associated with the NPDES MS4 program.
- Meet local requirements and objectives established by the WPAC.

When restated as engineering performance standards for the PLAN, the goals and objectives become the basis for the standards and criteria for regulation and control of land development and activities that may affect stormwater.

The standards and criteria will provide a basis for the selection and application of analytical methodologies and BMPs for the implementation of stormwater controls.

The candidate stormwater management strategies that meet the identified goals and objectives (i.e. show how the proposed standards and criteria for the Final Report and Model Ordinance meet the goals and objectives set by the WPAC) will be prepared and presented to the WPAC for review and comment.

The proposed standards and criteria need to address the following control requirements:

- 1. Apply to all areas covered by the PLAN.
- 2. Establish release rate percentages (if applicable) or other levels of control of runoff for those watersheds modeled in Task C (as funding becomes available). Those areas not modeled, or those that do not have an existing Act 167 Plan, will have a standard, (for example100%) release rate for the range of design storms, i.e. 5-, 10-, 25-, 50-, and 100-year events, meaning (for this example) that the post development peak rate of runoff must match the pre-development peak rate of runoff. Alterations of this criterion, for example 90% release rate, may be explored.
- 3. Specify design flood frequencies and computational methodologies for design of stormwater management measures.
- 4. Provide specifications for construction and maintenance of stormwater management systems (if applicable).
- 5. Provide conceptual solutions to both regional and local significant problem areas.
- 6. Summary and prioritization strategies for long-term potential solutions.
- 7. Identify funding sources for correction of existing problems related to infrastructure.
- 8. Maintain consistency with concurrent studies including a summary of which tasks will be completed so as to avoid duplication of effort.

- 9. Provide a fee schedule for: submissions of permit applications, review of permit applications, construction inspections, periodic inspections, and enforcement actions.
- 10. An implementation strategy, including funding, for retrofit measures, if necessary.

The recommendations will be presented in layman's language, keeping in mind that they are directed towards local municipalities and are to address solutions to stormwater management issues. The technical standards and criteria developed as a part of this Task will apply to all areas covered by the PLAN.

Water quality BMP information will be presented including recommendations for the implementation of water quality BMPs for land development and activities to minimize stormwater impacts from land development and activities. This educational effort will primarily involve discussions, presentations, and handouts on BMP technology to municipal officials during regularly scheduled WPAC meetings. Information available from PADEP and other sources will be distributed.

Methods for controlling stormwater runoff quantity and quality will be evaluated and included in the Model Ordinance.

Subtask B.6 – Implementation of Technical Standards and Criteria

This Subtask will involve the identification of the necessary ordinance provisions for the County's municipalities. Included will be the modification of the Model Ordinance and/or recommendations for updating existing municipal ordinances, including but not limited to: subdivision and land development, zoning, erosion and sediment control, and building code ordinances to effectively implement the technical standards and criteria for stormwater management throughout Allegheny County. A design example will be provided to show how to incorporate the various aspects of the Model Ordinance into the stormwater management design process.

Anticipated Product

The product will be the charts, tables, figures, plates, and graphs needed to present the technical analysis including evaluation of both water quantity and water quality requirements. The product will also include the definition of the technical standards and criteria for use in the preparation of the PLAN. The product will also include the identification of recommended general municipal ordinance provisions to implement the technical standards.

Subtask B.7 – Economic Analysis

This Subtask will involve an economic analysis of implementing the technical standards and provisions of the PLAN. A design example will be created and estimated costs will be associated with the design example to demonstrate how implementation of the standards and provisions can be cost effective to developers.

Anticipated Product

The product will be the design example.

Subtask B.8 – Regulations for Activities Impacting Stormwater Runoff

This Subtask will involve the research and development of standards and provisions regarding regulating activities that may impact stormwater runoff. These activities may include agriculture. The activities will only be regulated in regards to stormwater management controls and protecting water quality requirements to ensure the protection of health, safety, and property of the people and Waters of the Commonwealth.

Anticipated Product

The product will be a section in the Model Ordinance addressing activities that may impact stormwater runoff.

Subtask B.9 – Water Quality Impairments (Final Scope and Schedule to be determined as funding becomes available)

This Subtask involves the research and identification of water quality impairments (as listed by PADEP) throughout Allegheny County from the 303(b) and 303(d) lists and designated Total Maximum Daily Loads (TMDLs).

Anticipated Product

The product will be to identify how to protect the existing uses and for waters not attainting, how to improve the water quality to the designated use.

<u>TASK C – Detailed Hydrologic Modeling (Final Scope and Schedule to be determined as funding becomes available)</u>

Subtask C.1 – Development of Hydraulic Model

This Subtask includes the hydrologic modeling, quantitative computations, and evaluations necessary to analyze runoff characteristics of the watersheds under existing and future conditions. It will also establish the need and extent of release rates for the watersheds. Existing and future land use and land coverage will be used to determine existing and future peak rates of discharge. Input data including rainfall information, drainage network layouts and capacities, travel times within watersheds, significant obstructions, and GIS-based data will be added to develop the selected hydrologic model.

Subtask C.2 – Model Calibration

The individual watershed models will be run to get preliminary results. The models will be

calibrated to verify the results. Calibration efforts will include the adjustment of the model parameters to accurately simulate the natural runoff conditions of the watershed. Consideration will be given to all calibration techniques including use of available gauging information, comparison with rainfall and runoff information from similar watersheds, comparison with Flood Insurance Study information, and regression analyses. As necessary, calibration will be performed at multiple points within the watersheds to assure the most accurate modeling.

Subtask C.3 – Design Storm Selection

Subsequent to calibration of the model, the model will be run for several storm events under various durations. An analysis on downstream impacts during these storms will be performed to determine the required design storm(s) based on the watershed hydrologic response of the selected storms.

Subtask C.4 – Model Runs

Calibrated models will be run for watersheds selected by the County based on problemarea information provided by the municipalities and WPAC during Phase I. **Based on** available funding, the watersheds to be studied will be selected from the following list and as shown in Appendix G of the Phase I Report as Future Watershed Study Areas:

- a. Flaugherty Run
- b. Little Sewickley Creek
- c. Millers Run
- d. Montour Run
- e. Robinson Run
- f. Streets Run
- g. Thompson Run
- h. UNT to Monongahela River (Dravosburg & West Mifflin Boroughs)

This will also involve the detailed evaluation of the modeling results to perform a problem identification analysis (i.e., a "cause and effect" analysis). This will concentrate on identifying the downstream storm runoff impacts of projected future land development projects. This evaluation will consider both the increases in current downstream storm runoff problems, as well as anticipated projected downstream runoff problems.

This Subtask also consists of performing a technical evaluation of the hydrologic analysis for existing and future land use conditions (estimated 25-year build-out) and recommending standards and criteria to regulate land and development activity which impacts stormwater runoff. This Subtask may also involve performing a release rate analysis and a preliminary distributed storage analysis, and developing criteria and standards for the management of both overbank flooding events and extreme flooding events for these eight watersheds.

TASK D - Public/Municipal Participation

Subtask D.1 – WPAC Meetings

Coordination efforts and/or activities will continue throughout the duration of the project and will be organized to include the necessary meetings with the COUNTY, CONSULTANT, DEPARTMENT, and WPAC. These meetings are to educate and solicit input and comment from the public, municipal governments (elected officials, engineers, and solicitors), and other interest groups such as watershed associations. In addition to the WPAC agenda, several meetings will focus on technical and legal issues.

As previously indicated, the WPAC consists of representatives from each municipality in Allegheny County, as well as the Allegheny County Conservation District, and other interested groups. The WPAC meetings will be held to provide education on the planning process and to receive advice from the municipal officials to assure the PLAN fits the needs of the municipalities while soliciting valuable technical and institutional data and other information. The advisory role of the WPAC during the development of the PLAN is vital to the ultimate adoption and implementation process.

In Phase II, one meeting of the WPAC will be devoted to the technical issues focusing on the municipal engineers from each municipality and any invited engineering, technical, or scientific individuals and will be considered the Municipal Engineers Committee (MEC). The meetings will provide a technical forum to assist the COUNTY and CONSULTANT during the preparation of the technical portions of the PLAN by evaluating water quality efforts, and the establishing of overall technical standards. One MEC meeting in Phase II will concentrate on the problem area technical analysis.

Another WPAC meeting will include the solicitors representing each municipality and will be considered the Legal Advisory Committee (LAC). This meeting will be convened to inform the municipal solicitors on the ordinance adoption and implementation requirements of the PLAN and to receive comments and direction in the finalization of the Model Ordinance

A BMP Workshop (Municipal Workshop) for the municipalities and municipal engineers will be developed and conducted. The presentation of the workshop will be based on The Pennsylvania Stormwater Best Management Practices Manual. The workshop will contain one or more examples showing the design and construction of BMPs, including design calculations, review procedures, and approval of permit applications.

The following describes proposed WPAC meetings and public hearing schedules including the purpose of each meeting:

Meeting (Phase II unless otherwise noted)	Purpose of Meeting	Meeting Schedule
WPAC #3	Review Phase I, discuss problem areas and obstructions from Questionnaire Form, present GIS maps and data, and review overall goals of Phase II.	Beginning of Phase II
WPAC #4 (MEC)	Review the project status, review technical aspects of the PLAN, and review of technical standards (Control Guidance 1 & 2). Discuss water quality issues and preliminary ordinance provisions for the municipalities; Purpose is to receive comments and direction in the development of the Model Ordinance.	Middle of Task B
WPAC #5 (LAC)	Present final draft and review municipal implementation procedures; educate the municipal solicitors on the ordinance adoption and implementation requirements of the PLAN; address previous comments.	End of Phase II
Public Hearing	Conduct the public hearing as required by Act 167 to present the final PLAN to the public.	
Municipal Workshop	Municipal Implementation Workshop; provide assistance to municipalities on implementation of the PLAN including adaptation, enactment, and implementation of the ordinances and other action items; educate municipalities on implementing stormwater quality.	Within three months of PADEP approval of the PLAN

Please note that WPAC #1 and WPAC #2 Meetings were held during Phase I

This Task will also involve the production and distribution of a meeting agenda and meeting minutes updating the WPAC members, municipal officials, interest groups and the public on the program, status, and issues of the PLAN. The agenda and minutes will be created for each meeting during Phase II.

Anticipated Product

The product will include correspondence and meeting notes/minutes from the individual committee meetings. In addition, the presentation materials prepared for the individual committee meetings will constitute a defined product of this Subtask for the overall project.

TASK E – PLAN Preparation and Implementation

Subtask E.1 – Final Phase II Report Preparation

Components of the previous Tasks and Subtasks will be included, or at least referred to in the PLAN. In this way the PLAN will contain such provisions as are reasonably necessary to manage stormwater such that storm runoff from land development or other activities in each municipality will not adversely affect health, safety, property, and water quality. In addition, the PLAN will consider and be consistent with other existing municipal, county, regional and state environmental and land use plans and local and state laws and regulations. The PLAN will include the following:

- A description of the hydrologic characteristics of the sub-watersheds; the existing
 and future land uses and their impacts on stormwater runoff and stormwater
 collection systems; the available runoff control techniques and their efficiencies
 in the sub-watersheds.
- The criteria and standards governing the use of stormwater management controls throughout the sub-watersheds. BMP tables and data on their effectiveness and applicability will be presented or referenced.
- Recommendations for new drainage facilities to prevent future problems due to new land development and a discussion regarding inter-municipal arrangements for funding the projects will also be discussed.
- Priorities for Implementation. The conclusions and recommendations of the goals and objectives of the PLAN will be summarized. Recommended actions will be listed according to agency, municipality, or individual responsible for each action. Priority of recommended actions will be based on chronological order, importance, hydrologic significance, or other factors as may be appropriate. This will include type and location of potential watershed projects that could be considered under Pennsylvania's "Growing Greener" grant program.
- A list of significant obstructions; and available FEMA FIS floodplain information.
 The available floodplain information will either be included in the PLAN or their sources will be referenced.
- The tables for the rainfall depths for various frequency durations, which are computed as part of the hydrologic calculations performed for the problem area analysis.
- Approximate floodplain limits for areas where detailed FIS studies are available.
 Where detailed flood control engineering plans for proposed remedial measures
 are available from municipality, county, or private agencies, a summary analysis
 and evaluation of those plans will be included in the PLAN. Where detailed plans
 are not available, preliminary recommendations relating to such measures will be
 provided.

 Recommendations for solutions to the existing drainage problems will only be conceptual in nature indicating the type of approach needed and intermunicipal cooperation issues. Identification of sites for potential restoration and/or protection projects that would qualify for Pennsylvania's 'Growing Greener' Funds will be identified.

PLAN Update. As a part of the implementation strategy for the PLAN, specific steps and/or procedures will be established for pursuing and completing the PLAN as required by Act 167. Specific circumstances will be identified and described in the PLAN document that will 'trigger' a decision to update. For example, land development circumstances (such as major changes in the type and/or amount of proposed land development, and in excess of that which was assumed for the preparation of the original PLAN) will be identified as reasons for pursuing an update of the PLAN prior to the required 5-year time frame identified in Act 167.

The preliminary outline for the PLAN is as follows:

Part I

Section I - Introduction

Section II - Allegheny County Description

Section III - Significant Problem Areas and Obstructions

Section IV - Watershed Level Stormwater Management Planning

Section V - Technical Analysis

Section VI - Existing Municipal Regulations

Section VII - Economic Impact of Stormwater Management Standards

Section VII - Goals, Objectives, and Additional Recommendations

Section IX - PLAN Implementation and Update Procedures

Section X - References

Part II

Model Ordinance

Plates

- Existing Land Use Base map.
- Future (10-year) Land Use Base map.
- Hydrologic soil groups and development and floodplains.
- Stream obstructions, flooding, and problem areas.
- Areas where storm sewer networks exist (if available) and projected future storm sewer networks.

Anticipated Product

The product will be the final Phase II Report. The Phase II Report will be prepared in both digital and paper formats.

Subtask E.2 – Model Ordinance Preparation

A Model Ordinance, which includes the provisions and standards developed during Phase II, will be created consistent with the Department of Environmental Protection Pennsylvania Model Stormwater Management Ordinance. The WPAC will make a determination on whether drainage and construction standards will be included.

Anticipated Product

The product will be the final Model Ordinance. The Model Ordinance will be prepared in both digital and paper formats.

Subtask E.3 – PLAN Adoption

The PLAN will include the final Phase II Report and the Model Ordinance. One electronic copy of the DRAFT PLAN will be transmitted to the official agency and governing body of each involved municipality, each member of the WPAC, and the DEPARTMENT by official correspondence. The involved municipalities, WPAC, and DEPARTMENT will then review the DRAFT PLAN. Their review will include an evaluation of the PLAN's consistency with other plans and programs affecting stormwater management. The reviews and comments will be submitted to the COUNTY by official correspondence. The review comments will be received, tabulated, and responded to appropriately and the DRAFT PLAN will be revised accordingly.

Prior to final PLAN adoption, the COUNTY will meet as necessary with municipalities identified in WPAC meetings; to identify specific ordinance changes and method(s) of incorporation of the standards and criteria into municipalities' existing ordinance framework. In addition, the meeting(s) can also serve to provide clarification of any remaining questions or concerns that municipalities may have concerning the implementation of the PLAN.

The COUNTY will hold a public hearing concerning the PLAN. A notice for the public hearing will be published at least two (2) weeks before the hearing date. The public hearing notice will contain a brief summary of the principal provisions of the PLAN and a reference to the sites and/or website where copies of the PLAN may be examined or purchased at cost. The COUNTY will review the comments received at the public hearing and appropriate modifications in the PLAN will be made as applicable.

The Allegheny County Council will vote by resolution on the adoption of the PLAN. The resolution will have to be carried by an affirmative vote of at least a majority of the Council, and should refer expressly to the maps, charts, textual matter, and other materials intended to comprise the PLAN. Upon positive resolution, this action will then be recorded as part of the adopted PLAN.

The COUNTY will then submit to the DEPARTMENT a letter of transmittal, and three (3) copies of the adopted PLAN, along with a digital version and GIS data layers, the review by the official Planning agency and/or governing body of each municipality, Allegheny County Council, regional Planning agencies (Section 6(c) of Act 167), public hearing notice and minutes (Section 8(a) of Act 167), and the resolution of adoption of the PLAN by the COUNTY (Section 8(b) of Act 167). The letter of transmittal will state that the COUNTY has complied with all procedures outlined in Act 167 and will request the DEPARTMENT to approve the adopted PLAN. The COUNTY will also submit to the

DEPARTMENT a current list of all names, addresses, and phone numbers of the municipalities, municipal engineers, and solicitors located in Allegheny County. Subsequent to the DEPARTMENT's approval of the PLAN, twenty (20) copies of the DEPapproved PLAN will be printed for distribution by the County. Digital copies will be provided for distribution of the DEP-approved PLAN to the municipalities and WPAC members.

As desired by the County, the adopted PLAN will be posted on the COUNTY's and/or CONSULTANT's websites.

All backup material including hydrologic and hydraulic analyses of the sub-watersheds will be retained at the COUNTY office for future use during PLAN updates or any other reference.

Anticipated Product

The product of this Subtask will include the official documentation regarding PLAN adoption and implementation process, including the necessary documentation from the COUNTY certifying the adoption of the PLAN, an adopted PLAN, and associated Plates.

The Plan will contain, at a minimum, the following items:

- 1. A survey of existing runoff characteristics in minor as well as large storms, including the impact of soils, slopes, vegetation, and existing development.
- 2. A survey of existing significant obstructions, their capacities, and associated storm return periods.
- An assessment of projected and alternative land development patterns in Allegheny County, and the potential impact of runoff quantity, velocity, and quality.
- 4. An analysis of existing and future development in flood hazard areas, and its sensitivity to damages from future flooding or increased runoff.
- 5. A survey of existing drainage problems and proposed conceptual solutions.
- 6. A review of existing and proposed stormwater collection systems and their impacts.
- 7. An assessment of alternative runoff control techniques and their efficiency in the individual sub-watershed.
- 8. An identification of existing and proposed local, State, and Federal flood control projects located in Allegheny County and their design capacities.
- 9. A designation of those areas to be served by stormwater collection and control facilities within a ten (10) year period, an estimate of the design capacity and costs of such facilities, a schedule and proposed methods of financing the development, construction and operation of such facilities, and an identification of the existing or proposed institutional arrangements to implement and operate the facilities.
- 10. An identification of FEMA delineated floodplains (map effective date 9/26/14) throughout Allegheny County.

- 11. Criteria and standards for the control of stormwater runoff from existing and future development, which are necessary to minimize dangers to property and life and carry out the purposes of Act 167.
- 12. Education on BMP's to inform engineers and local officials about enhanced water quality and groundwater recharge stormwater management techniques (information on BMPs is also to be included or referenced in the PLAN).
- 13. Priorities for implementation of conceptual solutions.
- 14. Previsions for periodically reviewing, revising, and updating the PLAN.
- 15. Provisions as are reasonably necessary to manage stormwater such that land development or activities in each municipality do not adversely affect health safety, and property in other municipalities of Allegheny County and in drainage basins to which the watershed is tributary.
- 16. Consideration for consistency with other existing municipal, county, regional and State environmental and land use plans.

APPENDIX I Phase II Proposed Schedule

Phase II Proposed Schedule

Since funding for Act 167 is not currently in the State budget, a specific timeline cannot be presented at this time. A general timeline has been presented based upon number of months from the begin date. The proposed Phase II Schedule is as follows:

Anticipated Month	Milestone	
1	Authorization for CONSULTANT to Proceed with Phase II	
2	WPAC Meeting #3	
12	WPAC Meeting #4 (MEC)	
18	Draft Phase II Report	
22	Draft Model Ordinance	
27	Finalize Phase II Report, Model Ordinance, and Plates	
28	WPAC Meeting #5 (LAC)	
29	Public Hearing	
29	County Council Approval of Phase II Plan	
30	Phase II Report Submission to PADEP	
31-34	Municipal Workshop	
36	Consultant Phase II Contract Expires	