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ALLEGHENY COUNTY STORMWATER MANAGEMENT PLAN

PHASE 1 REPORT

Submitted to:

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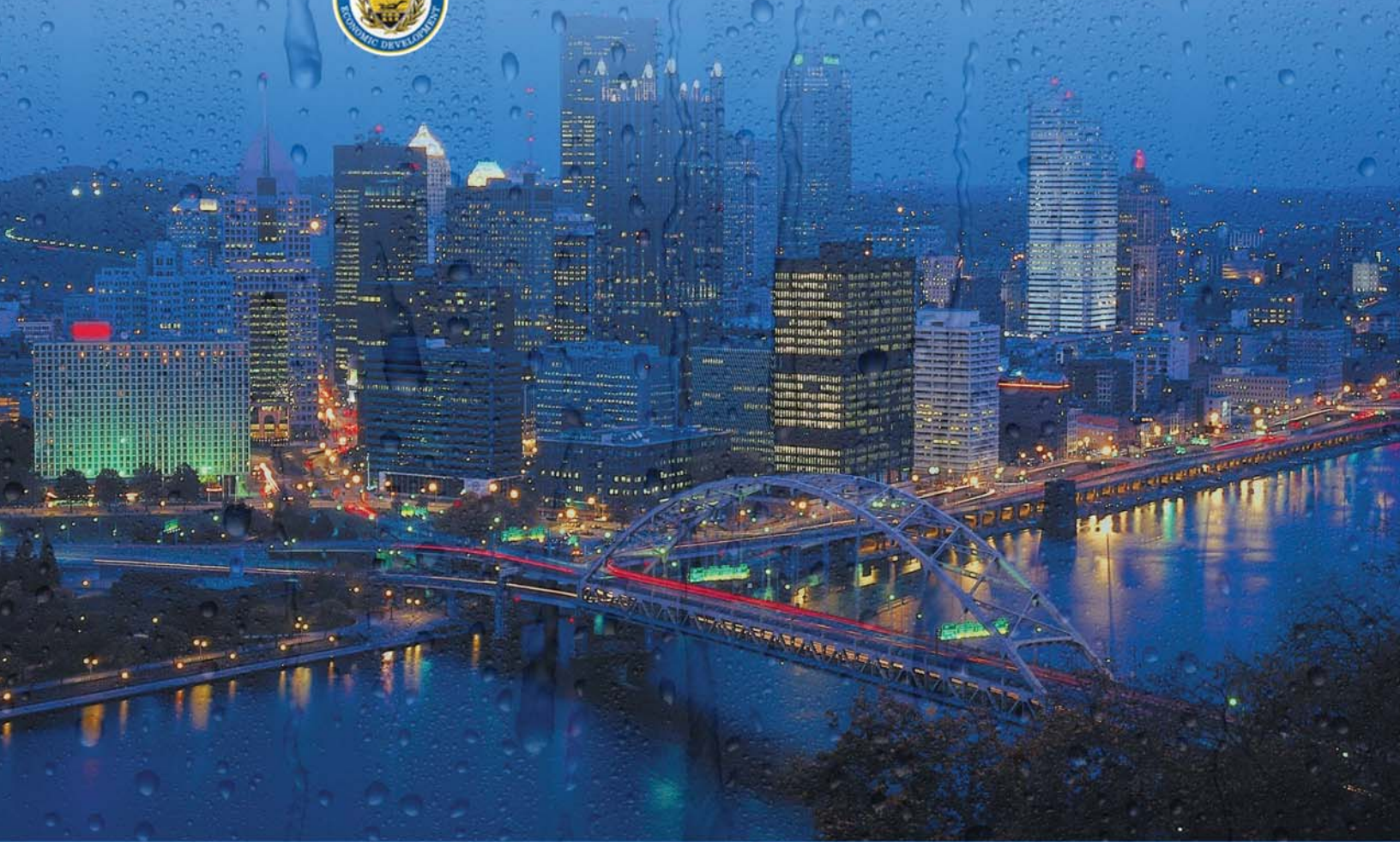


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INTRODUCTION

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 DEP in June 1994.

The Flougherty 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 Flougherty 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
MUNICIPALITIES			
Bethel Park	Monroeville	Mount Lebanon	Penn Hills
TOWNSHIPS			
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

BOROUGHES			
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, Flaugherly 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

Abers Creek	Happy Hollow Run	Piersons Run
Allegheny River	Harts Run	Pine Creek
Herrs Island Back Channel	Hoffman Run	Piney Fork
Fourteen Mile Island Back Channel	Humms Run	Pitt Street Tributary
Twelve Mile Island Back Channel	Jacks Run	Plum Creek
Bear Run	Leak Run	Pucketa Creek
Becks Run	Lewis Run	Robinson Run
Big Sewickley Creek	Lick Run	Rochester Run
Boston Hollow Run	Little Bull Creek	Sandy Creek
Boyds Hollow Run	Little Deer Creek	Saw Mill Run
Brush Creek 1	Little Pine Creek East	Sawmill run
Brush Creek 2	Little Pine Creek West	Scrubgrass Run
Bull Creek	Little Plum Creek	Spring Garden Run
Campbells Run	Lobbs Run	Squaw Run
Chalfant Run	Long Run	Squaw Run Trib. 1
Chartiers Creek	Lowries Run	Squaw Run Trib. 2
Chartiers Creek Diversion Channel	McCaslin Run	Squaw Run Trib. 4
Crooked Run	McClarens Run	Streets Run
Crouse Run	McLaughlin Run	Thompson 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 Run	South Fork Montour Run	Turtle Creek
Douglass Run Trib. 1	Montour Run 1	UNT along Moss Side Blvd.
Douglass Run Trib. 2	Moon Run	West Branch Deer Creek
East Thompson Run	North Branch Robinson Run	Whiskey Run
Fallen Timber Run	North Fork Montour Run	Whittmer Run
Georges Run	Ohio River	Wildcat Run
Gillespie Run	Ohio River Back Channel	Wylie Run
Girty's run	Painters Run	Youghiogheny River
Gourdhead Run	Peters Creek	
Graesers Run	Pidgeon Hollow 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 and Municipal Problem Area Map pages on the Allegheny County SWMP website (<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 where 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 modeling 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 sub-watersheds 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 I**.

WORK SCHEDULE

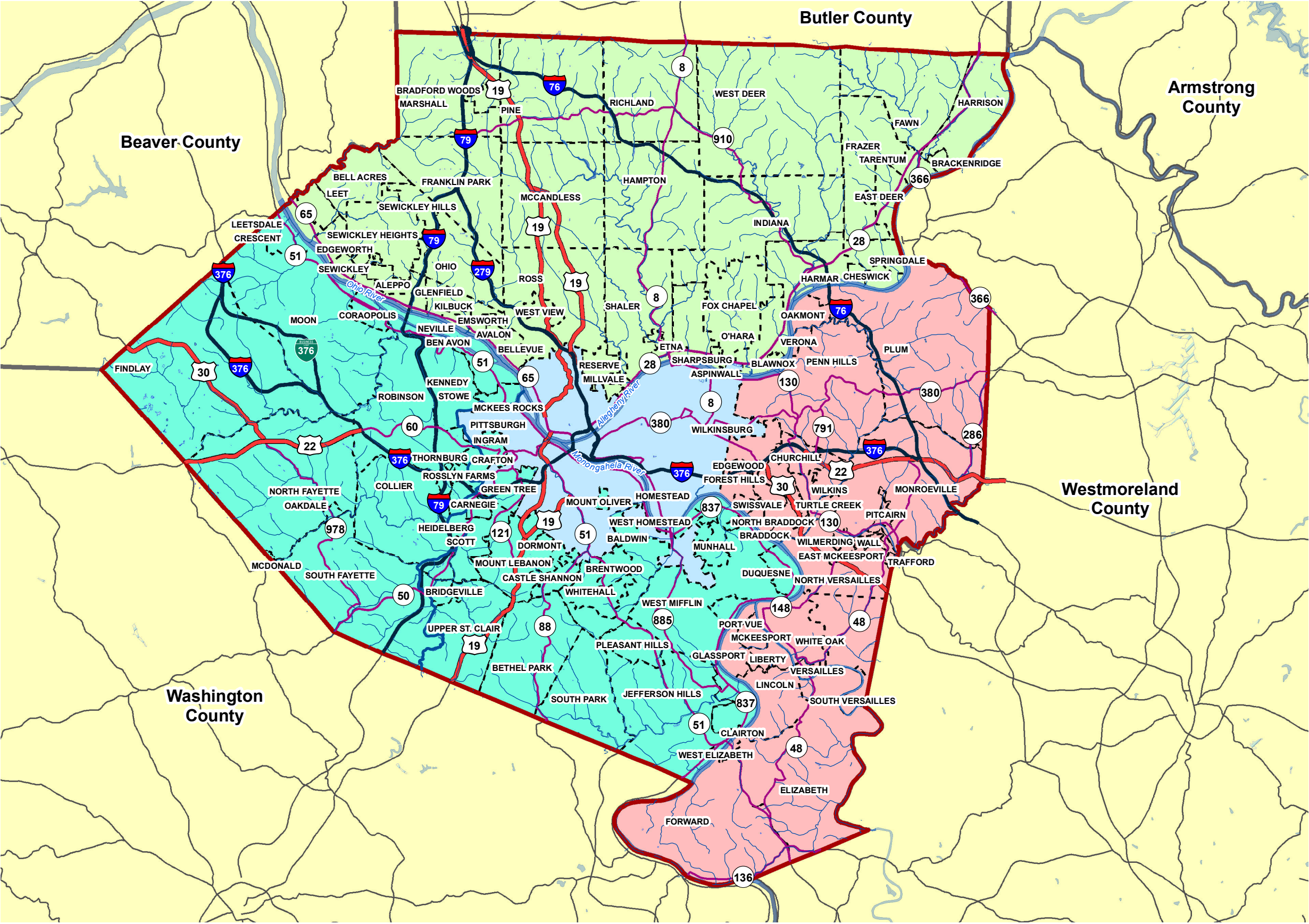
A work schedule was developed during the Phase I process in conjunction with Allegheny County and the Consultant. The work schedule was formulated to set target dates for various tasks with the intention of completing the project for PADEP review within the Phase II contract period. The proposed Allegheny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

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.

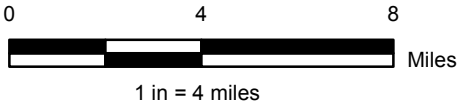
APPENDIX A
Allegheny County Base Map

Allegheny County Region Map



LEGEND

- Interstate Highway
- State Highway
- US Federal Highway
- Allegheny County Boundary
- Bordering Counties
- Region 1 Municipality
- Region 2 Municipality
- Region 3 Municipality
- City of Pittsburgh (All Region)
- Streams
- Reservoirs
- Wetlands (National Wetlands Inventory)



DATA SOURCES

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



Region 1 Base Map

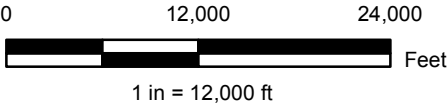
Allegheny County Stormwater Management Plan



Region 1: South of the Ohio and Monongahela Rivers

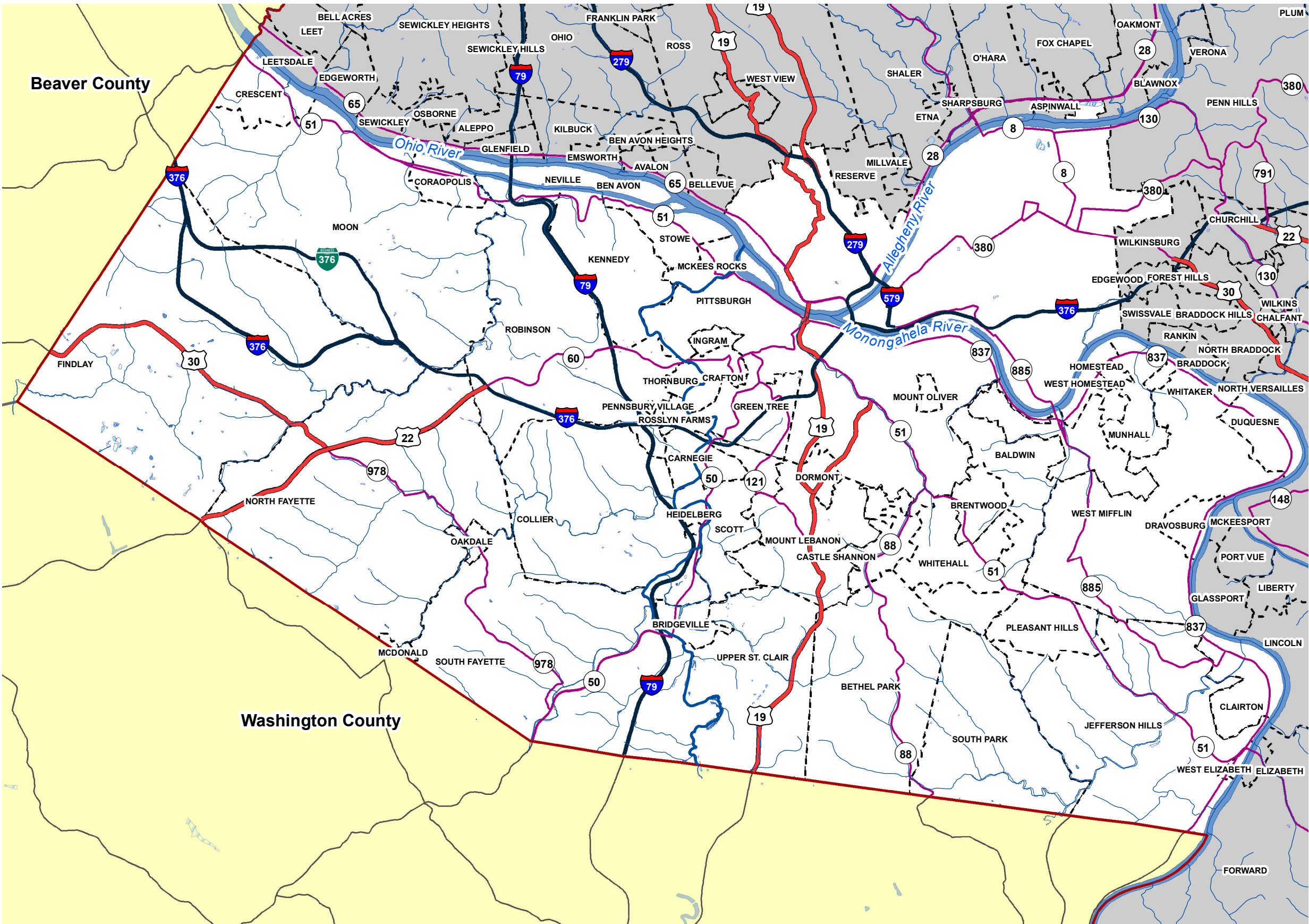
LEGEND

- Interstate Highway
- State Highway
- US Federal Highway
- Region 1 Municipality Boundary
- Region 2 & 3 Municipality Boundary
- Allegheny County Boundary
- Bordering Counties
- Streams
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Wetlands (National Wetlands Inventory)



DATA SOURCES

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



Region 2 Base Map

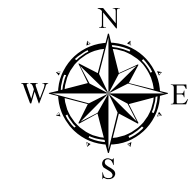
Allegheny County Stormwater Management Plan



Region 2: North of the Ohio and Allegheny Rivers

LEGEND

-  Interstate Highway
-  State Highway
-  US Federal Highway
-  Region 2 Municipality Boundary
-  Region 1 & 3 Municipality Boundary
-  Allegheny County Boundary
-  Bordering Counties
-  Streams
-  Rivers, Streams, Lakes, and Ponds
-  Reservoirs
-  Wetlands (National Wetlands Inventory)



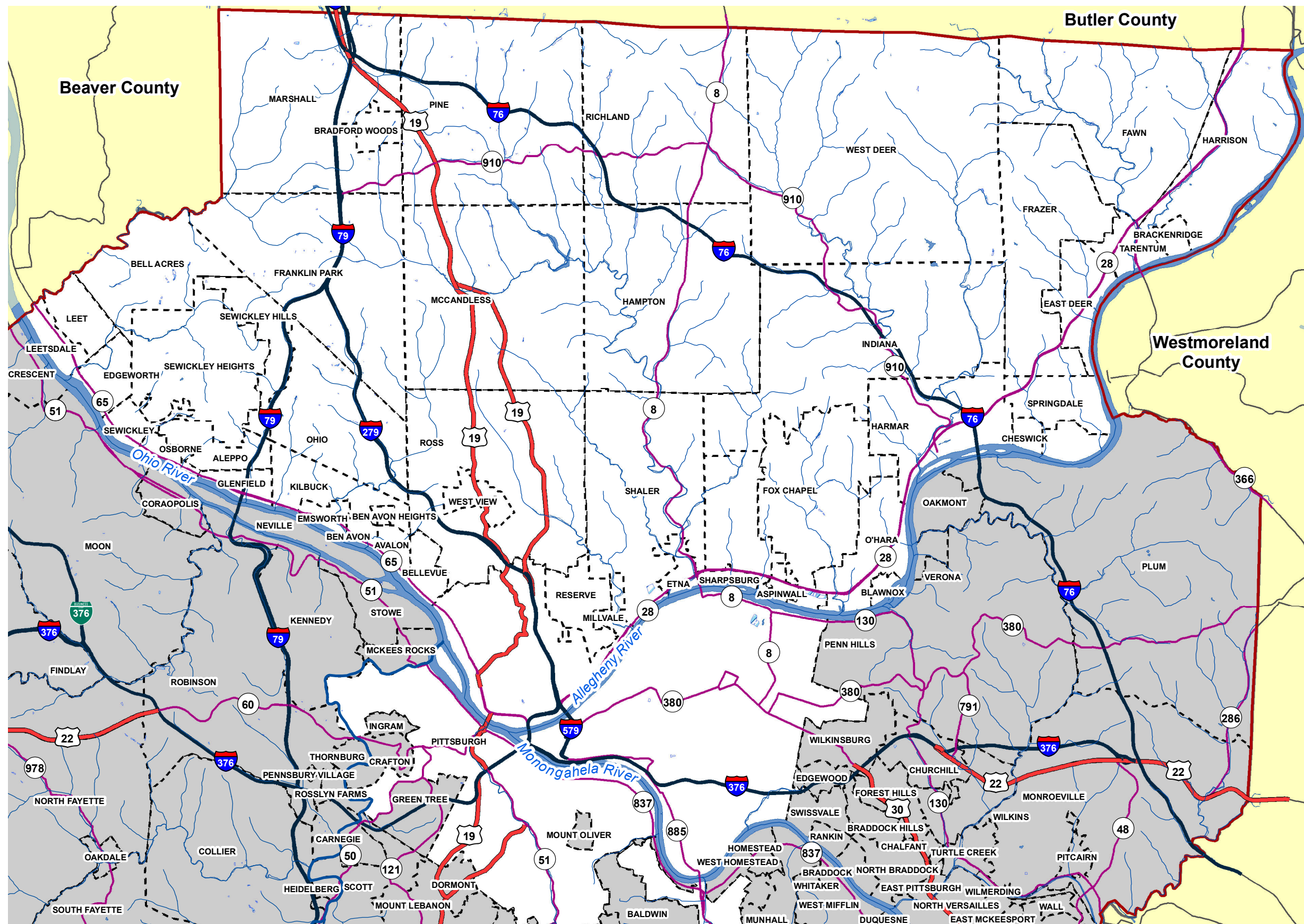
0 12,000 24,000 Feet

1 in = 12,000 ft

DATA SOURCES

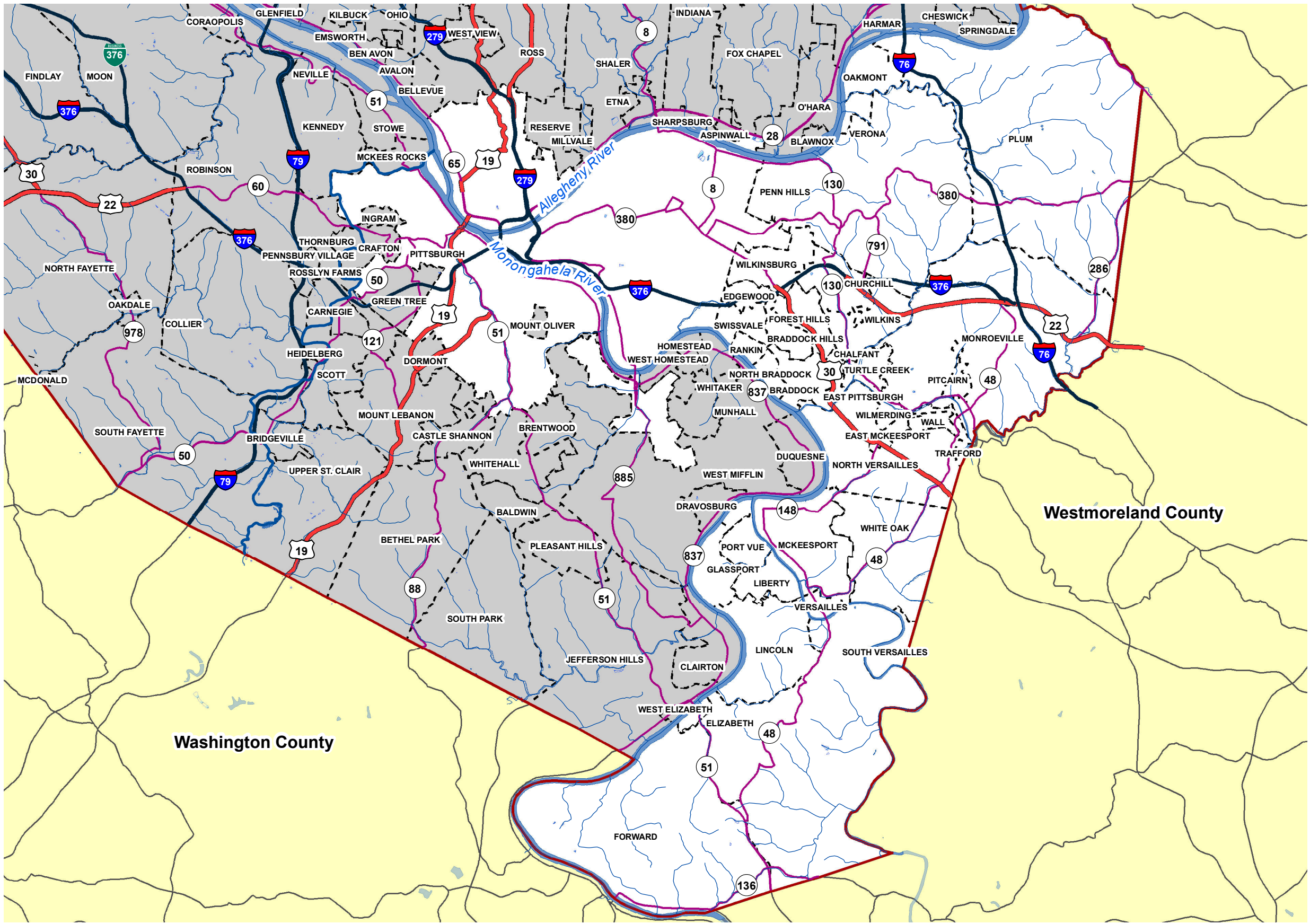
Allegheny County
Pennsylvania Department of Transportation
Pennsylvania Turnpike Commission
National Hydrography Dataset

Baker



Region 3 Base Map

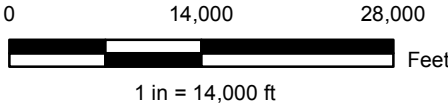
Allegheny County Stormwater Management Plan



Region 3: East of the Allegheny and Monongahela Rivers

LEGEND

- Interstate Highway
- State Highway
- US Federal Highway
- Region 3 Municipality Boundary
- Region 1 & 2 Municipality Boundary
- Allegheny County Boundary
- Bordering Counties
- Streams
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Wetlands (National Wetlands Inventory)

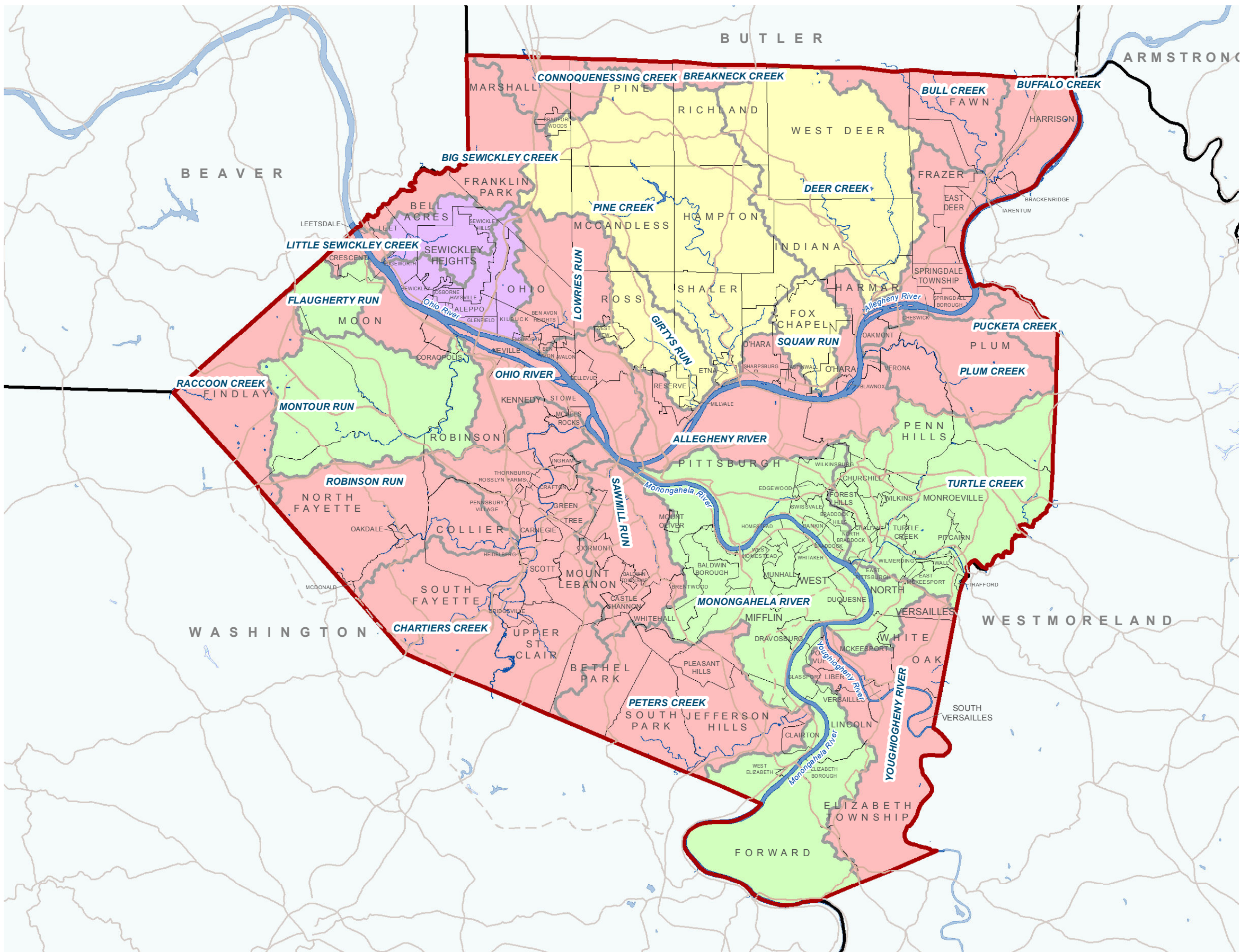


DATA SOURCES

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



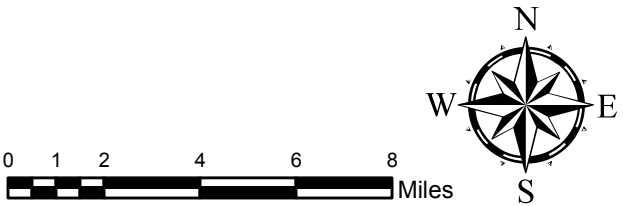
APPENDIX B
DEP Designated Watersheds



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
- Major Roadways
- Proposed Roads



DATA SOURCES

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

Baker

APPENDIX C

Stream Quality Data

Appendix C - Impaired Waters

GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		05010009000957	12/19/2007	Recreational	Source Unknown - Pathogens
01190901	West Branch Deer Creek	05010009000208	9/26/1997	Aquatic Life	Construction - Other Habitat Alterations ; Construction - Turbidity ; Construction - 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
		05020005001949	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
01189067	Sunfish Run	05020005000706	7/23/2002	Aquatic Life	Abandoned Mine Drainage - Metals
01183771	Pine Creek	05010009000144	12/19/2007	Recreational	Source Unknown - Pathogens
01174809	Fish Run	05010009000494	7/21/1999	Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
01174809	Fish Run	05010009000494	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000148	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000148	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000727	12/19/2007	Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000072	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000159	12/19/2007	Recreational	Source Unknown - Pathogens
01185234	Robinson Run	05030101000491	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101001337	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05030101001530	7/11/2003	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
		05030101003624	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01183948	Pinkertons Run	05030101004029	11/26/1997	Aquatic Life	Source Unknown - Cause Unknown
		05030101004039	11/26/1997	Aquatic Life	Source Unknown - Cause Unknown
01192945	Millers Run	05030101001325	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
01171600	Chartiers Creek	05030101000085	9/2/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05020005001576	3/30/1999	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
		05020005001576	12/9/2011	Recreational	Source Unknown - Pathogens
01179241	Lewis Run	05020005001574	3/30/1999	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
01179241	Lewis Run	05020005001574	12/9/2011	Recreational	Source Unknown - Pathogens
		05020005002032	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
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
		05020005004013	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - 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
		05020005002041	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
		05020005002045	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002045	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005002043	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
		05020005002045	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002045	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005002044	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
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
		05020005002046	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005004010	9/23/2004	Aquatic Life	Channelization - Siltation
		05020005001831	9/22/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
		05020005001908	5/19/2004	Aquatic Life	Abandoned Mine Drainage - pH
01177327	Homestead Run	05020005001607	9/24/2004	Aquatic Life	Abandoned Mine Drainage - Siltation ; Channelization - Siltation
		05020005001609	9/24/2004	Aquatic Life	Abandoned Mine Drainage - 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
01193698	Wylie Run	05020005000694	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01183937	Piney Fork	05020005001586	7/28/2010	Recreational	Source Unknown - Pathogens
01183937	Piney Fork	05020005001586	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005002057	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01171335	Catfish Run	05020005001587	7/28/2010	Recreational	Source Unknown - Pathogens
01171335	Catfish Run	05020005001587	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01183937	Piney Fork	05020005001586	7/28/2010	Recreational	Source Unknown - Pathogens
01183937	Piney Fork	05020005001586	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01183937	Piney Fork	05020005001586	7/28/2010	Recreational	Source Unknown - Pathogens
01183937	Piney Fork	05020005001586	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005001845	9/23/2004	Aquatic Life	Channelization - 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
		05020005002064	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002064	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01171335	Catfish Run	05020005001587	7/28/2010	Recreational	Source Unknown - Pathogens
01171335	Catfish Run	05020005001587	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005002065	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002065	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01171335	Catfish Run	05020005001587	7/28/2010	Recreational	Source Unknown - Pathogens
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
		05020005002066	5/3/2002	Aquatic Life	Abandoned Mine Drainage - pH ; 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	05020005001583	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation

Appendix 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	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002073	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002073	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	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	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.
		05020005001611	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
01550003	Monongahela River	05020005000004	7/29/2011	Fish Consumption	Source Unknown - PCB
01550003	Monongahela River	05020005000005	7/29/2011	Fish Consumption	Source Unknown - PCB
		05020005002048	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002048	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005002031	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
		05020005002045	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002045	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005002045	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002045	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01193698	Wylie Run	05020005000694	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005001591	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005001591	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005002051	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
		05020005002053	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
01174586	Fallen Timber Run	05020005000384	6/20/2002	Aquatic Life	Agriculture - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation
		05020005002087	6/20/2002	Aquatic Life	Abandoned Mine Drainage - Metals
		05020005002090	6/19/2002	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine 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	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	05020005000443	11/18/2009	Recreational	Source Unknown - Pathogens
01174586	Fallen Timber Run	05020005000384	6/20/2002	Aquatic Life	Agriculture - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - 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
		05020005002148	6/2/2003	Aquatic Life	Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05020005000709	6/2/2003	Aquatic Life	Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
01169078	Beckets Run	05020005001660	7/23/2002	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
		05020005000709	6/2/2003	Aquatic Life	Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05020005002154	7/23/2002	Aquatic Life	Abandoned Mine Drainage - Metals
		05020005000711	7/23/2002	Aquatic Life	Agriculture - Siltation ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation
		05020005002162	7/23/2002	Aquatic Life	Abandoned Mine Drainage - Metals
		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
		05020005002123	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.
01189509	Thompson Run	05020005001962		Aquatic Life	Abandoned Mine Drainage - Metals
		05020005000682	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01189505	Thompson Run	05020005000678	9/23/2004	Aquatic Life	Channelization - Siltation
01179085	Leak Run	05020005004011	9/23/2004	Aquatic Life	Channelization - Siltation
		05020005001838	9/23/2004	Aquatic Life	Channelization - Siltation
		05020005000692	9/22/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
01189510	Thompson Run	05020005000664	9/23/2004	Aquatic Life	Channelization - Siltation
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
01171529	Chalfant Run	05020005000689	9/22/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
		05020005001806	9/23/2004	Aquatic Life	Channelization - Siltation
		05020005001812	9/23/2004	Aquatic Life	Channelization - Siltation
01188872	Streets Run	05020005000474	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
		05020005001975	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
		05020005001872	9/24/2004	Aquatic Life	Channelization - Other Habitat Alterations
		05020005001878	9/24/2004	Aquatic Life	Bank Modifications - Siltation
01188872	Streets Run	05020005001658	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
		05020005001606	5/1/2002	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; 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
01189510	Thompson Run	05020005000664	9/23/2004	Aquatic Life	Channelization - Siltation
01189505	Thompson Run	05020005000680	9/23/2004	Aquatic Life	Channelization - Siltation
01183705	Piersons Run	05020005000662	9/22/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
		05020005001821	9/22/2004	Aquatic Life	Channelization - Flow Alterations
		05020005001822	9/23/2004	Aquatic Life	Channelization - Siltation
01189505	Thompson Run	05020005000680	9/23/2004	Aquatic Life	Channelization - Siltation
		05020005000682	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH

Appendix 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
		05020005002013	6/2/2009	Aquatic Life	Bank Modifications - Other Habitat Alterations ; Bank Modifications - Siltation ; Bank Modifications - Suspended Solids ; Removal of 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	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005002015	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002015	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; 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
		05020005002018	3/30/1999	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
		05020005002018	12/9/2011	Recreational	Source Unknown - Pathogens
		05020005002019	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002019	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01179241	Lewis Run	05020005001575	3/2/2011	Aquatic Life	Road Runoff - Oil and Grease ; Municipal Point Source - Nutrients ; Bank Modifications - Other Habitat Alterations ; Bank Modifications - 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
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
01179241	Lewis Run	05020005001575	3/2/2011	Aquatic Life	Road Runoff - Oil and Grease ; Municipal Point Source - Nutrients ; Bank Modifications - Other Habitat Alterations ; Bank Modifications - 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
		05020005001577	3/30/1999	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	12/9/2011	Recreational	Source Unknown - Pathogens
		05020005002027	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002027	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005001884	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05020005001887	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05020005001887	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05020005001887	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05020005001891	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		050100090001010	7/30/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
		05010009000956	12/19/2007	Recreational	Source Unknown - Pathogens
		05020005002010	5/1/2002	Aquatic Life	Road Runoff - Siltation
01209386	Allegheny River	050100090000503	4/4/2002	Potable Water Supply	Source Unknown - Pathogens
01209386	Allegheny River	050100090000503	3/2/2011	Fish Consumption	Source Unknown - PCB
01183771	Pine Creek	05010009000144	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000144	12/19/2007	Recreational	Source Unknown - Pathogens
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
		050100090000791	7/13/1999	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
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
		050100090000960	12/19/2007	Recreational	Source Unknown - Pathogens
01181477	Montour Run	05010009000138	1/8/2008	Aquatic Life	Road Runoff - Siltation
01181477	Montour Run	05010009000138	12/19/2007	Recreational	Source Unknown - Pathogens
01192331	Dawson Run	05010009000198	7/30/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
01181477	Montour Run	05010009000138	1/8/2008	Aquatic Life	Road Runoff - Siltation
01181477	Montour Run	05010009000138	12/19/2007	Recreational	Source Unknown - Pathogens
01181477	Montour Run	05010009000501	12/19/2007	Recreational	Source Unknown - Pathogens
01181477	Montour Run	05010009000139	12/19/2007	Recreational	Source Unknown - Pathogens
01190901	West Branch Deer Creek	05010009000208	9/26/1997	Aquatic Life	Construction - Other Habitat Alterations ; Construction - Turbidity ; Construction - Siltation
		05030101003963	10/12/2006	Aquatic Life	Erosion from Derelict Land - Siltation
01183948	Pinkertons Run	05030101004029	11/26/1997	Aquatic Life	Source Unknown - Cause Unknown
01174809	Fish Run	050100090000152	7/21/1999	Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
01174809	Fish Run	05010009000152	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009000144	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01179524	Little Deer Creek	050100090000179	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
01192337	Deer Creek	050100090000093	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
01192337	Deer Creek	050100090000094	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
01192337	Deer Creek	050100090000096	8/1/1997	Aquatic Life	Construction - Siltation ; Construction - Flow Alterations ; Construction - Suspended Solids ; Construction - Turbidity ; Source Unknown - Nutrients ; Habitat Modification - Other Habitat Alterations
01172838	Cunningham Run	050100090000192	4/7/2009	Aquatic Life	Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations
01209386	Allegheny River	050100090000003	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05030101003687		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01187035	Sawmill Run	050301010000494	11/25/1997	Aquatic Life	Combined Sewer Overflow - Nutrients ; Combined Sewer Overflow - DO/BOD ; Urban Runoff/Storm Sewers - Water/Flow Variability
		050100090000181	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

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GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		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
		05030101003838	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
		05030101003962	10/12/2006	Aquatic Life	Erosion from Derelict Land - Siltation
		05030101000406	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05030101001293	11/25/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability
01187188	Scrubgrass Run	05030101001494	11/25/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05010009000197	6/13/2008	Aquatic Life	Small Residential Runoff - Nutrients ; Abandoned Mine Drainage - Siltation ; Small Residential Runoff - Siltation
		05010009000791	7/13/1999	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01188366	Squaw Run	05010009000087	7/13/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Golf Courses - Pesticides ; Golf Courses - Organic Enrichment/Low D.O.
		05010009000111	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000813	7/31/1997	Aquatic Life	Removal of Vegetation - Nutrients ; Removal of Vegetation - Siltation
		05010009000825	7/31/1997	Aquatic Life	Removal of Vegetation - Nutrients ; Removal of Vegetation - Siltation
		05020005006019	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05020005002028	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002028	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
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
01209053	Monongahela River	05020005001618	5/4/2002	Potable Water Supply	Source Unknown - Pathogens
01209053	Monongahela River	05020005001618	3/2/2011	Fish Consumption	Source Unknown - PCB
		05020005001903	9/24/2004	Aquatic Life	Bank Modifications - Siltation
01209053	Monongahela River	05020005000006	7/29/2011	Fish Consumption	Source Unknown - PCB
		05020005006034	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05020005006034	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05020005001904	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05020005001904	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05020005002120	2/15/2006	Aquatic Life	Abandoned Mine Drainage - Metals
		05020005001899	9/24/2004	Aquatic Life	Channelization - Other Habitat Alterations
01189972	Turtle Creek	05020005000481	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05010009000939	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
		05010009000939	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
		05010009000940	8/5/1997	Aquatic Life	Construction - Siltation
		05010009000196	4/7/2009	Aquatic Life	Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations
		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
01188872	Streets Run	05020005001875	9/24/2004	Aquatic Life	Channelization - Other Habitat Alterations
		05020005000475	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
		05020005001865	9/24/2004	Aquatic Life	Channelization - Other Habitat Alterations
		05020005001889	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05020005002008	6/2/2009	Aquatic Life	Bank Modifications - Other Habitat Alterations ; Bank Modifications - Siltation ; Bank Modifications - Suspended Solids ; Removal of Vegetation - Other Habitat Alterations ; Removal of Vegetation - Siltation ; Removal of Vegetation - Suspended Solids ; R
		05020005002008	12/9/2011	Recreational	Source Unknown - Pathogens
		05010009000197	6/13/2008	Aquatic Life	Small Residential Runoff - Nutrients ; Abandoned Mine Drainage - Siltation ; Small Residential Runoff - Siltation
		05010009000682	7/30/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
01209386	Allegheny River	05010009000004	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01183771	Pine Creek	05010009000059	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000059	12/19/2007	Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000155	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000140	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000157	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000956	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000957	12/19/2007	Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000154	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000077	12/19/2007	Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000154	12/19/2007	Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000154	12/19/2007	Recreational	Source Unknown - Pathogens
01189972	Turtle Creek	05020005000489	3/2/1999	Aquatic Life	Removal of Vegetation - Nutrients ; Small Residential Runoff - Nutrients ; Abandoned Mine Drainage - Metals ; Removal of Vegetation - 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	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
		05020005000709	6/2/2003	Aquatic Life	Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
01550003	Monongahela River	05020005000024	7/29/2011	Fish Consumption	Source Unknown - PCB

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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	7/23/2002	Aquatic Life	Abandoned Mine Drainage - Metals
01209053	Monongahela River	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	4/5/2010	Potable Water Supply	Abandoned Mine Drainage - Other Inorganics ; Subsurface Mining - Other Inorganics ; Industrial Point Source - Other Inorganics
01209053	Monongahela River	05020005001618	5/4/2002	Potable Water Supply	Source Unknown - Pathogens
01209053	Monongahela River	05020005001618	3/2/2011	Fish Consumption	Source Unknown - PCB
01209053	Monongahela River	05020005001618	5/4/2002	Potable Water Supply	Source Unknown - Pathogens
01209053	Monongahela River	05020005001618	3/2/2011	Fish Consumption	Source Unknown - PCB
01209053	Monongahela River	05020005000008	7/29/2011	Fish Consumption	Source Unknown - PCB
01179633	Little Pine Creek	05010009000113	12/19/2007	Recreational	Source Unknown - Pathogens
01179633	Little Pine Creek	05010009000114	12/19/2007	Recreational	Source Unknown - Pathogens
01179633	Little Pine Creek	05010009000118	12/19/2007	Recreational	Source Unknown - Pathogens
01179633	Little Pine Creek	05010009000116	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009000063	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000063	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009000064	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000064	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000804	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000124	7/14/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000124	12/19/2007	Recreational	Source Unknown - Pathogens
		05020005001869	9/24/2004	Aquatic Life	Channelization - Other Habitat Alterations
		05020005001870	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05020005001886	9/24/2004	Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Siltation
		05010009000713	7/21/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Removal of Vegetation - Other Habitat Alterations ; Bank Modifications - Other Habitat Alterations
		05010009000716	7/20/1999	Aquatic Life	Road Runoff - Oil and Grease
		05010009000716	12/19/2007	Recreational	Urban Runoff/Storm Sewers - Nutrients
		05010009000716	12/19/2007	Recreational	Source Unknown - Pathogens
01179635	Little Pine Creek	05010009000165	12/19/2007	Recreational	Source Unknown - Pathogens
01179635	Little Pine Creek	05010009000165	12/19/2007	Recreational	Source Unknown - Pathogens
01179635	Little Pine Creek	05010009000165	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000077	12/19/2007	Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000153	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000160	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009000151	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000151	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000959	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000954	12/19/2007	Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000155	12/19/2007	Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000155	12/19/2007	Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000154	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000838	6/8/1999	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
01189972	Turtle Creek	05020005000482	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01189972	Turtle Creek	05020005000480	9/24/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
01189972	Turtle Creek	05020005000480	9/24/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
		05020005001920	9/24/2004	Aquatic Life	Bank Modifications - Siltation
01170437	Brush Creek	05020005000550	9/22/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
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
		05020005001605	4/26/2002	Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01183625	Peters Creek	05020005000442	3/30/1999	Aquatic Life	Industrial Point Source - Priority Organics ; Municipal Point Source - Organic Enrichment/Low D.O. ; Removal of Vegetation - Other Habitat 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
01183625	Peters Creek	05020005000442	3/30/1999	Aquatic Life	Industrial Point Source - Priority Organics ; Municipal Point Source - Organic Enrichment/Low D.O. ; Removal of Vegetation - Other Habitat 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
01183625	Peters Creek	05020005000442	3/30/1999	Aquatic Life	Industrial Point Source - Priority Organics ; Municipal Point Source - Organic Enrichment/Low D.O. ; Removal of Vegetation - Other Habitat 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
01183625	Peters Creek	05020005000442	3/30/1999	Aquatic Life	Industrial Point Source - Priority Organics ; Municipal Point Source - Organic Enrichment/Low D.O. ; Removal of Vegetation - Other Habitat 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
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
		05020005002141	6/2/2003	Aquatic Life	Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05020005001878	9/24/2004	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	9/23/2004	Aquatic Life	Bank Modifications - Siltation
		05020005002010	5/1/2002	Aquatic Life	Road Runoff - Siltation
		05020005002102	8/19/2003	Aquatic Life	Habitat Modification - Siltation
01183771	Pine Creek	05010009000064	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000064	12/19/2007	Recreational	Source Unknown - Pathogens
01175865	Gourdhead Run	05010009000123	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009000066	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000066	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000161	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000161	12/19/2007	Recreational	Source Unknown - Pathogens
01192337	Deer Creek	05010009000097	8/1/1997	Aquatic Life	Construction - Siltation ; Construction - Flow Alterations ; Construction - Suspended Solids ; Construction - Turbidity ; Source Unknown - Nutrients ; Habitat Modification - Other Habitat Alterations

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GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
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	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009000070	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000070	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090000811	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		050100090000811	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090000719	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	050100090000145	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	050100090000145	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	050100090000145	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	050100090000145	12/19/2007	Recreational	Source Unknown - Pathogens
01192514	Girtys Run	050100090000107	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		050100090000148	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090000148	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090000495	7/21/1999	Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
		050100090000495	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090000723	7/21/1999	Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
		050100090000723	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090000732	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090000723	7/21/1999	Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
		050100090000723	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090000148	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090000148	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090000148	12/19/2007	Recreational	Source Unknown - Pathogens
01192795	Little Bull Creek	050100090000226	4/29/2008	Aquatic Life	Agriculture - Siltation
		050100090000969	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		050100090000580	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
		050100090000587	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
01181477	Montour Run	050100090000136	1/8/2008	Aquatic Life	Road Runoff - Siltation
01181477	Montour Run	050100090000136	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090000160	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090000131	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		050100090000131	12/19/2007	Recreational	Source Unknown - Pathogens
01192337	Deer Creek	050100090000099	7/31/1997	Aquatic Life	Removal of Vegetation - Nutrients ; Removal of Vegetation - Siltation
		050100090000142	12/19/2007	Recreational	Source Unknown - Pathogens
01192337	Deer Creek	050100090000100	7/31/1997	Aquatic Life	Removal of Vegetation - Nutrients ; Removal of Vegetation - Siltation
01190901	West Branch Deer Creek	050100090000208	7/31/1997	Aquatic Life	Removal of Vegetation - Nutrients ; Removal of Vegetation - Siltation
01181477	Montour Run	050100090000138	1/8/2008	Aquatic Life	Road Runoff - Siltation
01181477	Montour Run	050100090000138	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090000141	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090000062	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	050100090000062	12/19/2007	Recreational	Source Unknown - Pathogens
					Combined Sewer Overflow - Nutrients ; Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease ; Abandoned Mine Drainage - Metals
01179641	Little Plum Creek	050100090000475	7/12/1999	Aquatic Life	
					Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Other Inorganics ; Urban Runoff/Storm Sewers - Oil and Grease
		050100090000572	7/13/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Golf Courses - Pesticides ; Golf Courses - Organic Enrichment/Low D.O.
		050100090000573	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		050100090000576	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		050100090001930	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01184110	Plum Creek	050100090000084	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
		050100090000580	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
01179635	Little Pine Creek	050100090000164	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	050100090000061	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	050100090000061	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	050100090000059	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	050100090000059	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090000837	6/8/1999	Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
					Combined Sewer Overflow - Nutrients ; Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease ; Abandoned Mine Drainage - Metals
01179641	Little Plum Creek	050100090000477	7/12/1999	Aquatic Life	
01184482	Pucketa Creek	050100090000423	4/30/2008	Aquatic Life	Small Residential Runoff - Siltation ; Road Runoff - Siltation
		050100090000915	6/8/1999	Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
01179641	Little Plum Creek	050100090000477	6/8/1999	Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
		050100090000837	6/8/1999	Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
		050100090000469	7/6/1999	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 Mine Drainage - Metals
01179641	Little Plum Creek	050100090000475	7/12/1999	Aquatic Life	
		050100090000480	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 Mine Drainage - Metals
01179641	Little Plum Creek	050100090000475	7/12/1999	Aquatic Life	
		050100090000476	7/12/1999	Aquatic Life	Combined Sewer Overflow - Nutrients ; Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease ; Abandoned Mine Drainage - Metals
		050100090000480	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals
01192337	Deer Creek	050100090000091	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
01184110	Plum Creek	050100090000078	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	050100090000177	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	050100090000487	7/6/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Other Inorganics ; Urban Runoff/Storm Sewers - Oil and Grease
01188366	Squaw Run	050100090000086	7/13/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Golf Courses - Pesticides ; Golf Courses - Organic Enrichment/Low D.O.
01181477	Montour Run	050100090000501	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090000140	12/19/2007	Recreational	Source Unknown - Pathogens
		050200050001889	9/24/2004	Aquatic Life	Bank Modifications - Siltation

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GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		05010009000726	12/19/2007	Recreational	Source Unknown - Pathogens
01179524	Little Deer Creek	05010009000178	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
		050100090000950	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01187296	Shades Run	050100090000951	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01187296	Shades Run	050100090000952	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		050100090000169	7/13/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Golf Courses - Pesticides ; Golf Courses - Organic Enrichment/Low D.O.
01192514	Girtys Run	050100090000105	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01179633	Little Pine Creek	050100090000116	12/19/2007	Recreational	Source Unknown - Pathogens
01209386	Allegheny River	050100090000503	4/4/2002	Potable Water Supply	Source Unknown - Pathogens
01209386	Allegheny River	050100090000503	3/2/2011	Fish Consumption	Source Unknown - PCB
01184110	Plum Creek	050100090000085	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
01184110	Plum Creek	050100090000085	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
01186943	Sandy Creek	050100090000587	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
		050100090000489	7/12/1999	Aquatic Life	Municipal Point Source - Chlorine ; Urban Runoff/Storm Sewers - Other Inorganics
		050100090000588	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		050100090000583	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		050100090000491	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01186943	Sandy Creek	050100090000490	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01209386	Allegheny River	050100090000005	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01209386	Allegheny River	050100090000005	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05030101001306	11/26/1997	Aquatic Life	Natural Sources - Siltation ; Abandoned Mine Drainage - Metals
		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
		05030101003389	6/27/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05030101001500	7/17/2003	Aquatic Life	Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O
		05030101001500	7/17/2003	Aquatic Life	Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O
		05020006002124	6/9/2003	Aquatic Life	Abandoned Mine Drainage - Metals
01181476	Montour Run	05030101001509		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
01181476	Montour Run	05030101001508		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
		05030101003863	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Urban Runoff/Storm Sewers - Nutrients
		05030101003864	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Urban Runoff/Storm Sewers - Nutrients
		05030101001310	11/24/1997	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101001309	11/24/1997	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101001303	11/24/1997	Aquatic Life	Abandoned Mine Drainage - Metals
01187188	Scrubgrass Run	05030101001494	11/25/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
01192945	Millers Run	05030101001328	8/22/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Source Unknown - Cause Unknown
01172072	Coal Run	05030101000410	9/2/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation
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	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000067	1/31/2007	Recreational	Source Unknown - Pathogens
00425264	Ohio River	05030101000068	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000068	1/31/2007	Recreational	Source Unknown - Pathogens
		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
		05030101010929	10/2/1997	Aquatic Life	Hydromodification - Flow Alterations ; Hydromodification - Other Habitat Alterations ; Habitat Modification - Flow Alterations ; Habitat Modification - Other Habitat Alterations
		05030101000553	7/17/2003	Aquatic Life	Road Runoff - Siltation
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	7/1/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
		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	7/15/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05030101003907	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
		05030101004055	11/24/1997	Aquatic Life	Natural Sources - Siltation ; Abandoned Mine Drainage - Metals
		05030101001304	11/24/1997	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101004058	11/24/1997	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101001495	11/25/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05030101001316	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals
		05030105005793	6/21/2005	Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown
		05030101001873	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
		05030101001873	1/31/2007	Recreational	Source Unknown - Pathogens
		05030101001873	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
		05030101001873	1/31/2007	Recreational	Source Unknown - Pathogens
00425264	Ohio River	05030101000072	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000072	1/31/2007	Recreational	Source Unknown - Pathogens
		05030101003428	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
		05030101003428	1/31/2007	Recreational	Source Unknown - Pathogens
00425264	Ohio River	05030101000072	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000072	1/31/2007	Recreational	Source Unknown - Pathogens
		05030101003523	6/27/2003	Aquatic Life	Road Runoff - Siltation
00425264	Ohio River	05030101000072	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000072	1/31/2007	Recreational	Source Unknown - Pathogens

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GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		05030101001524	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
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	11/26/1997	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients
		05030101003933	10/12/2006	Aquatic Life	Erosion from Derelict Land - Siltation
		05030101004216	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals
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	9/2/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation
		05030101003638	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01184214	Pollock Run	05020006000604	12/18/2006	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
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	7/15/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
01180606	McCabe Run	05030101001528	7/16/2003	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05030101001500	7/17/2003	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
		05030101001294	11/26/1997	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05030101003745	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05030101003830	6/4/2004	Aquatic Life	Abandoned Mine Drainage - Metals
01183212	Painters Run	05030101001876	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
01180774	McLaughlin Run	05030101000464	10/3/1997	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	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
01173359	Dolphin Run	05030101001339	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05030101001305	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101001323	8/29/1997	Aquatic Life	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
		05030101001480	10/7/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
		05030101001479	10/7/1997	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	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05030101001637	6/4/2004	Aquatic Life	Abandoned Mine Drainage - Metals
01187188	Scrubgrass Run	05030101001493	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
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	Aquatic Life	Abandoned Mine Drainage - Metals ; Natural Sources - Siltation
		05030101004216	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101001315	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101001317	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101004564	10/7/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
		05030101001311	11/24/1997	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101004307	10/1/1997	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
		05030101004336	10/1/1997	Aquatic Life	Hydromodification - Water/Flow Variability ; Habitat Modification - Siltation ; Habitat Modification - Turbidity
01185234	Robinson Run	05030101002070	11/24/1997	Aquatic Life	Abandoned Mine Drainage - Metals
01188872	Streets Run	05020005000475	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
01192779	Lick Run	05020005001580	7/28/2010	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
		05030101001316	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101000084	9/2/1997	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	05030101000084	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05030101001294	11/26/1997	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05030101001264	7/1/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
		05030101001526		Aquatic Life	Urban Runoff/Storm Sewers - 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
		05030101003660	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
01173359	Dolphin Run	05030101001339	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05030101004292	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
		05030101003556	7/17/2003	Aquatic Life	Abandoned Mine Drainage - Metals ; Upstream Impoundment - Siltation ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
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
		05030101004005	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation

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GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		05030101004008	11/25/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05030101001633	6/3/2004	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
01209366	Thoms Run	05030101001321	8/28/1997	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; On site Wastewater - Nutrients ; On site Wastewater - Organic Enrichment/Low D.O. ; Other - Nutrients ; Other - Organic Enrichment/Low D.O.
		05020006000731	7/15/2003	Aquatic Life	Abandoned Mine Drainage - Metals
00595217	Youghiogheny River	05020006000006	3/29/2006	Aquatic Life	Source Unknown - Metals
00595217	Youghiogheny River	05020006000007	3/29/2006	Aquatic Life	Source Unknown - Metals
01184214	Pollock Run	05020006000604	12/18/2006	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
00425264	Ohio River	05030101000149	3/2/2011	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
01181499	Moon Run	05030101001875	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Suspended Solids
		05030101003879	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Urban Runoff/Storm Sewers - Nutrients
		05030101001524		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05030101001356	9/2/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation
		05030101003673	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned 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		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05030101000420	7/11/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05030101004014	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
		05030101004015	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
01192843	Long Run	05020006000590	11/29/2006	Aquatic Life	Road Runoff - Siltation
		05030101003406	6/27/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05030101003669	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01171600	Chartiers Creek	05030101000080	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Turbidity
01171600	Chartiers Creek	05030101000080	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01171600	Chartiers Creek	05030101000080	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Turbidity
01171600	Chartiers Creek	05030101000080	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01192843	Long Run	05020006004006	7/15/2003	Aquatic Life	Road Runoff - Siltation ; Road Runoff - Cause Unknown ; Atmospheric Deposition - pH
		05030101003964	10/12/2006	Aquatic Life	Erosion from Derelict Land - Siltation
		05030101004058	11/24/1997	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101003726	6/4/2004	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101003730	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
01180774	McLaughlin Run	05030101000467	10/1/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
		05030101003334	7/1/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
		05030105006064	11/23/2005	Aquatic Life	Agriculture - Siltation ; Agriculture - Nutrients
		05030101003673	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05030101003687		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01171600	Chartiers Creek	05030101000081	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Turbidity
01171600	Chartiers Creek	05030101000081	1/11/2002	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
		05030101004263	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
01171600	Chartiers Creek	05030101000085	9/2/1997	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	05030101000085	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01171600	Chartiers Creek	05030101010705	9/2/1997	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	1/11/2002	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
		05030101003760	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05030101003830	6/4/2004	Aquatic Life	Abandoned Mine Drainage - Metals
01181499	Moon Run	05030101001875	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Suspended Solids
01181476	Montour Run	05030101001507		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
01174847	Fishing Run	05030101004395	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05030101004039	11/26/1997	Aquatic Life	Source Unknown - Cause Unknown
01185234	Robinson Run	05030101000482	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
01185234	Robinson Run	05030101002070	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; On site Wastewater - Nutrients
01171600	Chartiers Creek	05030101000078	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
01171600	Chartiers Creek	05030101000078	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
		05030101004187	8/29/1997	Aquatic Life	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
		05030101001323	8/29/1997	Aquatic Life	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
		05030101004216	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals

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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	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05030101000469	10/2/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation ; Habitat Modification - Turbidity
01172072	Coal Run	05030101000408	9/3/1997	Aquatic Life	Construction - Siltation ; Construction - Suspended Solids ; Construction - Turbidity
01173359	Dolphin Run	05030101001339	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05030105000644	11/23/2005	Aquatic Life	Agriculture - Siltation ; Agriculture - Nutrients
					Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
01183212	Painters Run	05030101001492	12/4/1997	Aquatic Life	
01183212	Painters Run	05030101001492	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05030101004331	8/19/1997	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 - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
01171600	Chartiers Creek	05030101000082	9/2/1997	Aquatic Life	
01171600	Chartiers Creek	05030101000082	1/11/2002	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
					Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
		05030101003831	12/4/1997	Aquatic Life	
		05030101003832	10/10/2006	Aquatic Life	Habitat Modification - Siltation
01188344	Spruce Run	050301010001291	6/27/2003	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
		05030101001314	12/3/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Nutrients ; Combined Sewer Overflow - Organic Enrichment/Low D.O.
01180774	McLaughlin Run	05030101004463	10/2/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation ; Habitat Modification - Turbidity
		05020005000682	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01189972	Turtle Creek	05020005000488	3/1/1999	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 Mine Drainage - Suspended Solids
		05030101003988	11/25/1997	Aquatic Life	
		05010009001939	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01170439	Brush Creek	05030105000526	9/18/2002	Aquatic Life	Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation
		05030101003221	7/17/2003	Aquatic Life	Road Runoff - Siltation
					Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
01171600	Chartiers Creek	05030101000074	12/4/1997	Aquatic Life	
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 ; Abandoned Mine Drainage - Siltation
		05030101004063	12/4/1997	Aquatic Life	
		05010009000725	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
		05010009000725	12/19/2007	Recreational	Source Unknown - Pathogens
01188872	Streets Run	05020005001657	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
					Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
		05030101004063	12/4/1997	Aquatic Life	
					Hydromodification - Flow Alterations ; Hydromodification - Other Habitat Alterations ; Habitat Modification - Flow Alterations ; Habitat Modification - Other Habitat Alterations
		05030101001485	10/2/1997	Aquatic Life	
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	6/21/2005	Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown
		05030105005787	6/21/2005	Aquatic Life	Small Residential Runoff - Siltation ; Road Runoff - Siltation
01214667	Duffs Run	05020005001850	9/22/2004	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 Sewers - Siltation
		05030101010922	11/26/1997	Aquatic Life	
		05030101003525	7/17/2003	Aquatic Life	Abandoned Mine Drainage - Metals
					Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation
		05030101003995	11/26/1997	Aquatic Life	
					Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05030101010927	11/25/1997	Aquatic Life	
					Combined Sewer Overflow - Water/Flow Variability ; Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Abandoned Mine Drainage - Metals ; Habitat Modification - Other Habitat Alterations
01187035	Sawmill Run	05030101000494	11/26/1997	Aquatic Life	
		05030105000546	9/18/2002	Aquatic Life	Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation
		05030101003549	7/17/2003	Aquatic Life	Abandoned Mine Drainage - Metals ; Upstream Impoundment - Siltation ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
		05030101003221	7/17/2003	Aquatic Life	Road Runoff - Siltation
01170439	Brush Creek	05030105000527	9/18/2002	Aquatic Life	Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation
01550003	Monongahela River	05020005000007	7/29/2011	Fish Consumption	Source Unknown - PCB
		05010009000479	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals
01183771	Pine Creek	05010009000068	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000068	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090000197	6/13/2008	Aquatic Life	Small Residential Runoff - Nutrients ; Abandoned Mine Drainage - Siltation ; Small Residential Runoff - Siltation
01184482	Pucketa Creek	050100090000424	4/30/2008	Aquatic Life	Small Residential Runoff - Siltation ; Road Runoff - Siltation
					Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
00425264	Ohio River	05030101000068	12/4/1997	Aquatic Life	
		05030101000068	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000068	1/31/2007	Recreational	Source Unknown - Pathogens
01181477	Montour Run	050100090000139	12/19/2007	Recreational	Source Unknown - Pathogens
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 ; Abandoned Mine Drainage - Siltation
		05030101010941	12/4/1997	Aquatic Life	

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GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		05030101010927	11/25/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05030101003326	7/1/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
01181499	Moon Run	050301010001861	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
01170439	Brush Creek	05030105000530	9/18/2002	Aquatic Life	Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/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
		05030101001264	7/1/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
		05030101001316	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals
01180625	McClarens Run	050301010001517	10/10/2006	Aquatic Life	Habitat Modification - Siltation
		05030105005792	6/21/2005	Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown
01171335	Catfish Run	05020005001588	7/28/2010	Recreational	Source Unknown - Pathogens
01171335	Catfish Run	05020005001588	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
					Road Runoff - Oil and Grease ; Municipal Point Source - Nutrients ; Bank Modifications - Other Habitat Alterations ; Bank Modifications - Siltation ; Bank Modifications - Suspended Solids ; Removal of Vegetation - Other Habitat Alterations ; Removal of V
01179241	Lewis Run	05020005001575	3/2/2011	Aquatic Life	Source Unknown - Pathogens
01179241	Lewis Run	05020005001575	12/9/2011	Recreational	Road Runoff - Siltation ; Road Runoff - Cause Unknown ; Atmospheric Deposition - pH
01192843	Long Run	05020006000587	7/15/2003	Aquatic Life	
		05030101003465	6/27/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05030101003988	11/25/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05030101010935	7/17/2003	Aquatic Life	Road Runoff - Siltation
01187035	Sawmill Run	050301010000494	11/25/1997	Aquatic Life	Combined Sewer Overflow - Nutrients ; Combined Sewer Overflow - DO/BOD ; Urban Runoff/Storm Sewers - Water/Flow Variability
		05030101003364	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
01189505	Thompson Run	05020005000676	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01192514	Girtys Run	05010009000106	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01185088	Rinaman Run	05010009000149	12/19/2007	Recreational	Source Unknown - Pathogens
01179633	Little Pine Creek	05010009000115	12/19/2007	Recreational	Source Unknown - Pathogens
01209386	Allegheny River	05010009000002	3/2/2011	Fish Consumption	Source Unknown - PCB
		05020005002041	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
					Combined Sewer Overflow - Water/Flow Variability ; Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Abandoned Mine Drainage - Metals ; Habitat Modification - Other Habitat Alterations
01187035	Sawmill Run	050301010000494	11/26/1997	Aquatic Life	Small Residential Runoff - Siltation ; Road Runoff - Siltation
		05030105005787	6/21/2005	Aquatic Life	Source Unknown - Dioxins ; Source Unknown - PCB
		05030101003476	3/2/2011	Fish Consumption	Source Unknown - Pathogens
		05030101003476	1/31/2007	Recreational	Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005002007	5/1/2002	Aquatic Life	Source Unknown - Pathogens
01192779	Lick Run	05020005001580	7/28/2010	Recreational	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01192779	Lick Run	05020005001580	4/26/2002	Aquatic Life	
		05020005002132	6/20/2002	Aquatic Life	Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005002072	5/3/2002	Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Metals
01172771	Crouse Run	05010009000130	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01172771	Crouse Run	05010009000130	12/19/2007	Recreational	Source Unknown - Pathogens
					Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation
01170439	Brush Creek	05030105000529	9/18/2002	Aquatic Life	Agriculture - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation
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
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
		05020005002122	6/20/2002	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000731	7/20/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05030101000406	12/4/1997	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000593	7/12/1999	Aquatic Life	
		05010009000202	7/30/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
01172771	Crouse Run	05010009000129	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01172771	Crouse Run	05010009000129	12/19/2007	Recreational	Source Unknown - Pathogens
01192337	Deer Creek	05010009000099	7/31/1997	Aquatic Life	Removal of Vegetation - Nutrients ; Removal of Vegetation - Siltation
		05010009000126	7/14/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000126	12/19/2007	Recreational	Source Unknown - Pathogens
					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	Deer Creek	05010009000095	8/1/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation
		05030101003995	11/26/1997	Aquatic Life	Agriculture - Nutrients ; Construction - Siltation
		05030101001360	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
01171600	Chartiers Creek	05030101000076	12/4/1997	Aquatic Life	Source Unknown - PCB ; Source Unknown - Chlordane
01171600	Chartiers Creek	05030101000076	1/11/2002	Fish Consumption	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05030101003758		Aquatic Life	Channelization - Siltation
01179085	Leak Run	05020005001828	9/23/2004	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005001606	5/1/2002	Aquatic Life	Source Unknown - Pathogens
		05020005002035	7/28/2010	Recreational	Urban Runoff/Storm Sewers - Siltation
		05020005002035	3/25/2010	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05030101000420	7/11/2003	Aquatic Life	
01190901	West Branch Deer Creek	050100090000208	9/26/1997	Aquatic Life	Construction - Siltation ; Construction - Other Habitat Alterations ; Construction - Turbidity ; Urban Runoff/Storm Sewers - Siltation
		05030101001263	7/17/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation

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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
		05010009001940	12/19/2007	Recreational	Source Unknown - Pathogens
		05020005001870	9/24/2004	Aquatic Life	Bank Modifications - Siltation
01209053	Monongahela River	05020005000006	7/29/2011	Fish Consumption	Source Unknown - PCB
		05030101003331	7/1/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
		05030101003619	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.
		05030101001518		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05030101003866	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Urban Runoff/Storm Sewers - Nutrients
		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
		05030101004520	10/7/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
		05030101001359	12/4/1997	Aquatic Life	Agriculture - Nutrients ; Construction - 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
		05020005002069	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002069	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005001571	5/3/2002	Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Metals
		05030101010933	7/17/2003	Aquatic Life	Abandoned Mine Drainage - Metals
01179635	Little Pine Creek	05010009000165	12/19/2007	Recreational	Source Unknown - Pathogens
		05020005001836	9/22/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
01192945	Millers Run	05030101001327	8/19/1997	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
01180774	McLaughlin Run	05030101000467	10/2/1997	Aquatic Life	Hydromodification - Flow Alterations ; Hydromodification - Other Habitat Alterations ; Habitat Modification - Flow Alterations ; Habitat Modification - Other Habitat Alterations
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
01183771	Pine Creek	05010009000063	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000063	12/19/2007	Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000155	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000479	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05010009001025	7/30/1997	Aquatic Life	Agriculture - Siltation ; Construction - Siltation
		05030101003465	6/27/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05030101001293	11/25/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability
		05030101010925	11/25/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05020005001889	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05030105006064	11/23/2005	Aquatic Life	Agriculture - Siltation ; Agriculture - Nutrients
01192169	Blue Run	050100090000212	7/29/1997	Aquatic Life	Small Residential Runoff - Nutrients ; Small Residential Runoff - Siltation ; Road Runoff - Nutrients ; Road Runoff - Siltation
01186943	Sandy Creek	050100090000489	7/12/1999	Aquatic Life	Municipal Point Source - Chlorine ; Urban Runoff/Storm Sewers - Other Inorganics
01209386	Allegheny River	050100090000005	11/1/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		050100090000491	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		050100090000495	7/21/1999	Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
		050100090000495	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	050100090000065	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	050100090000065	12/19/2007	Recreational	Source Unknown - Pathogens
01168007	Glade Run	05030105000638	11/23/2005	Aquatic Life	Agriculture - Siltation ; Agriculture - Nutrients
		05010009000163	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000163	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000837	6/8/1999	Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
01209386	Allegheny River	050100090000003	11/1/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01193648	Wexford Run	050100090000147	7/21/1999	Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
01193648	Wexford Run	050100090000147	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000966	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05030101003790	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05030101004187	8/29/1997	Aquatic Life	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	05030105000530	9/18/2002	Aquatic Life	Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - 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
00425264	Ohio River	05030101000072	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000072	1/31/2007	Recreational	Source Unknown - Pathogens
00425264	Ohio River	05030101000149	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000149	1/31/2007	Recreational	Source Unknown - Pathogens
		05030101001300	11/26/1997	Aquatic Life	Source Unknown - Cause Unknown
01192337	Deer Creek	050100090000093	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
01209053	Monongahela River	050200050000008	7/29/2011	Fish Consumption	Source Unknown - PCB
		05030101010921	11/26/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation
		050301050000616	6/21/2005	Aquatic Life	Small Residential Runoff - Siltation ; Road Runoff - 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
		05010009001022	9/26/1997	Aquatic Life	Construction - Siltation ; Construction - Other Habitat Alterations ; Construction - Turbidity ; Urban Runoff/Storm Sewers - Siltation
01190901	West Branch Deer Creek	050100090000208	9/26/1997	Aquatic Life	Construction - Other Habitat Alterations ; Construction - Turbidity ; Construction - Siltation
01175680	Glass Run	05020005001610	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
					Agriculture - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation
01174586	Fallen Timber Run	05020005000384	6/20/2002	Aquatic Life	
		05030101003777		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		050100090000729	12/19/2007	Recreational	Source Unknown - Pathogens

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GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		05010009000824	7/31/1997	Aquatic Life	Removal of Vegetation - Nutrients ; Removal of Vegetation - Siltation
		05020005001614	9/24/2004	Aquatic Life	Bank Modifications - Siltation
01181476	Montour Run	05030101001503		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
		05030101003962	10/12/2006	Aquatic Life	Erosion from Derelict Land - Siltation
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
01179641	Little Plum Creek	05010009000477	7/12/1999	Aquatic Life	Combined Sewer Overflow - Nutrients ; Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease ; Abandoned Mine Drainage - Metals
01172771	Crouse Run	05010009000128	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01172771	Crouse Run	05010009000128	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090000931	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
		05010009000729	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000202	7/30/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
		05030101003476	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
		05030101003476	1/31/2007	Recreational	Source Unknown - Pathogens
		05020005001907	5/19/2004	Aquatic Life	Abandoned Mine Drainage - pH
		05020005001592	7/28/2010	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
01174586	Fallen Timber Run	05020005000384	6/20/2002	Aquatic Life	Agriculture - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation
		05030105005787	6/21/2005	Aquatic Life	Small Residential Runoff - Siltation ; Road Runoff - Siltation
		05020006004007	7/15/2003	Aquatic Life	Road Runoff - Siltation ; Road Runoff - Cause Unknown ; Atmospheric Deposition - pH
01184214	Pollock Run	05020006000605	12/18/2006	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
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
		05030105005256	6/21/2005	Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown
		05030101003602	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005001841	9/22/2004	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	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002059	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005002033	7/28/2010	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
01181476	Montour Run	05030101001509		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
01189067	Sunfish Run	05020005000706	7/23/2002	Aquatic Life	Abandoned Mine Drainage - Metals
01183948	Pinkertons Run	05030101004062	11/26/1997	Aquatic Life	Source Unknown - Cause Unknown
		05030101004127	11/25/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability
		05020005001887	9/24/2004	Aquatic Life	Bank Modifications - Siltation
01187188	Scrubgrass Run	05030101001494	11/25/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05010009000201	7/30/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
01209366	Thoms Run	05030101001321	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Turbidity
		05030101001361	12/4/1997	Aquatic Life	Agriculture - Nutrients ; Construction - Siltation
		05030105000616	6/21/2005	Aquatic Life	Small Residential Runoff - Siltation ; Road Runoff - Siltation
01185234	Robinson Run	05030101002070	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; On site Wastewater - Nutrients
		05020005001963		Aquatic Life	Abandoned Mine Drainage - Metals
01189505	Thompson Run	05020005000673	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05020005001612	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
		05020005001852	9/23/2004	Aquatic Life	Source Unknown - Siltation
01183771	Pine Creek	05010009000146	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000146	12/19/2007	Recreational	Source Unknown - Pathogens
01192331	Dawson Run	05010009000198	7/30/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
01184110	Plum Creek	05010009000085	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
		050100090000491	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01179635	Little Pine Creek	05010009000164	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000166	12/19/2007	Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000074	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000141	12/19/2007	Recreational	Source Unknown - Pathogens
		05020005000684	9/23/2004	Aquatic Life	Channelization - Siltation
01187296	Shades Run	050100090000952	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01182585	North Fork Pine Creek	05010009000155	12/19/2007	Recreational	Source Unknown - Pathogens
01181477	Montour Run	05010009000139	12/19/2007	Recreational	Source Unknown - Pathogens
		05030101010934	7/17/2003	Aquatic Life	Road Runoff - Siltation
		050100090000585	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
00425264	Ohio River	05030101000068	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000068	1/31/2007	Recreational	Source Unknown - Pathogens
					Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
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
01188366	Squaw Run	050100090000087	7/13/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Golf Courses - Pesticides ; Golf Courses - Organic Enrichment/Low D.O.
		05010009000119	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090000807	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	050100090000067	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients

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GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
01183771	Pine Creek	05010009000067	12/19/2007	Recreational	Source Unknown - Pathogens
01190901	West Branch Deer Creek	05010009000208	7/30/1997	Aquatic Life	Agriculture - Siltation ; Construction - Siltation
		05010009000480	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals
		05010009000471	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Habitat Modification - Other Habitat Alterations
		05010009000472	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		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
		05010009000470	7/6/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease
		05010009000468	7/6/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease
01179524	Little Deer Creek	05010009000180	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
		05020005000670	9/24/2004	Aquatic Life	Bank Modifications - Siltation
01209053	Monongahela River	05020005001618	5/4/2002	Potable Water Supply	Source Unknown - Pathogens
01209053	Monongahela River	05020005001618	3/2/2011	Fish Consumption	Source Unknown - PCB
		05020005001990	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
		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
		05010009000954	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000479	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05010009000721	7/21/1999	Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
		05010009000721	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000148	12/19/2007	Recreational	Source Unknown - Pathogens
		05020005002117	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
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
		05020005000691	9/22/2004	Aquatic Life	Natural Sources - Siltation
		05020005001887	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05020005001589	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005001589	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01193698	Wylie Run	05020005002042	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005002058	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002058	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01183937	Piney Fork	05020005001586	7/28/2010	Recreational	Source Unknown - Pathogens
01183937	Piney Fork	05020005001586	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005000702	6/20/2002	Aquatic Life	Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; 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
		05020005002076	7/28/2010	Recreational	Source Unknown - Pathogens
		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 Alterations
01183625	Peters Creek	05020005000442	3/30/1999	Aquatic Life	
01183625	Peters Creek	05020005000442	10/28/2003	Potable Water Supply	Source Unknown - Pathogens
01183625	Peters Creek	05020005000442	11/18/2009	Recreational	Source Unknown - Pathogens
		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
01169078	Beckets Run	05020005000708	7/23/2002	Aquatic Life	Abandoned Mine Drainage - Metals
		05020005000711	7/23/2002	Aquatic Life	Agriculture - Siltation ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation
		05020005001611	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
		05020005000683	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01189505	Thompson Run	05020005000679	9/23/2004	Aquatic Life	Channelization - Siltation
01188872	Streets Run	05020005001657	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
01550003	Monongahela River	05020005000011	7/29/2011	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
01209386	Allegheny River	05010009000007	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05010009000820	7/30/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
		05020005001875	9/24/2004	Aquatic Life	Channelization - Other Habitat Alterations
		05020005002020	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002020	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05030101001485	10/2/1997	Aquatic Life	Hydromodification - Flow Alterations ; Hydromodification - Other Habitat Alterations ; Habitat Modification - Flow Alterations ; Habitat Modification - Other Habitat Alterations
01171600	Chartiers Creek	05030101000073	12/4/1997	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	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01181499	Moon Run	05030101001875	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Suspended Solids
		05010009000813	7/31/1997	Aquatic Life	Removal of Vegetation - Nutrients ; Removal of Vegetation - Siltation
01182585	North Fork Pine Creek	05010009000155	12/19/2007	Recreational	Source Unknown - Pathogens
		05020005002032	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
		05020005000672	9/24/2004	Aquatic Life	Bank Modifications - Siltation
00425264	Ohio River	05030101000068	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
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
		05020006000729	7/14/2003	Aquatic Life	Abandoned Mine Drainage - Metals
01180774	McLaughlin Run	05030101004335	10/1/1997	Aquatic Life	Hydromodification - Water/Flow Variability ; Habitat Modification - Siltation ; Habitat Modification - Turbidity

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GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		05030101004382	10/1/1997	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	4/5/2010	Potable Water Supply	Abandoned Mine Drainage - Other Inorganics ; Subsurface Mining - Other Inorganics ; Industrial Point Source - Other Inorganics
		05010009000583	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01193648	Wexford Run	05010009000147	7/21/1999	Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
01193648	Wexford Run	05010009000147	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000196	4/7/2009	Aquatic Life	Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations
		05020006000722	7/15/2003	Aquatic Life	Road Runoff - Siltation ; Road Runoff - Cause Unknown ; Atmospheric Deposition - pH
		05030101003793	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01192945	Millers Run	05030101001324	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
01181477	Montour Run	05010009000501	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000141	12/19/2007	Recreational	Source Unknown - Pathogens
01187188	Scrubgrass Run	05030101001493	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
		05030101004187	8/29/1997	Aquatic Life	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
01181476	Montour Run	05030101001510		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
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.
		05030101003947	11/26/1997	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients
		05030101000475	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05030101001294	11/26/1997	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
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
01180625	McClarens Run	05030101001517		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Habitat Modification - Siltation
		05030101001301	11/24/1997	Aquatic Life	Abandoned Mine Drainage - Metals
01183212	Painters Run	05030101001490	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
		05030101004246	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Turbidity
01189972	Turtle Creek	05020005000484	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01182244	Nelson Run	05010009000794	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05030101003528	7/17/2003	Aquatic Life	Road 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
		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
00425264	Ohio River	05030101000066	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000066	1/31/2007	Recreational	Source Unknown - Pathogens
		05030101003643	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005002128	6/20/2002	Aquatic Life	Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05030101001489	11/25/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
01171600	Chartiers Creek	05030101000084	9/2/1997	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	05030101000084	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05030105000616	6/21/2005	Aquatic Life	Small Residential Runoff - Siltation ; Road Runoff - Siltation
00425264	Ohio River	05030101000072	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000072	1/31/2007	Recreational	Source Unknown - Pathogens
01170184	Breakneck Creek	05030105000597	6/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05030101003962	10/12/2006	Aquatic Life	Erosion from Derelict Land - Siltation
01187609	Shouse Run	05030101003252	7/24/2003	Aquatic Life	Municipal Point Source - Suspended Solids ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05030101000553	7/17/2003	Aquatic Life	Road Runoff - Siltation
		05020005000697	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05030101003656	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		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
		05020005001984	9/23/2004	Aquatic Life	Channelization - Siltation
01209053	Monongahela River	05020005000006	7/29/2011	Fish Consumption	Source Unknown - PCB
01192514	Girtys Run	05010009000107	7/21/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Removal of Vegetation - Other Habitat Alterations ; Bank Modifications - Other Habitat Alterations ; Road Runoff - Oil and Grease
01192514	Girtys Run	05010009000107	10/27/1998	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Removal of Vegetation - Other Habitat Alterations ; Bank Modifications - Other Habitat Alterations
		05010009000717	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000076	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000837	6/8/1999	Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
		05010009000160	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000161	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000495	7/21/1999	Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
		05010009000495	12/19/2007	Recreational	Source Unknown - Pathogens
		05020005001952	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
		05010009000914	6/8/1999	Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
01209386	Allegheny River	05010009000007	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01209386	Allegheny River	05010009000007	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05020006000722	7/15/2003	Aquatic Life	Road Runoff - Siltation ; Road Runoff - Cause Unknown ; Atmospheric Deposition - pH

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GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		05010009001016	9/26/1997	Aquatic Life	Construction - Siltation ; Construction - Other Habitat Alterations ; Construction - Turbidity ; Urban Runoff/Storm Sewers - Siltation
		05020005000671	9/24/2004	Aquatic Life	Bank Modifications - 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
		05020006001702	6/9/2003	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101003384	6/27/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05030101003390	6/27/2003	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
		05020005002009	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002009	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005002031	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
		05020005002145	6/20/2002	Aquatic Life	Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; 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
01192779	Lick Run	05020005001580	7/28/2010	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
		05020005002074	5/3/2002	Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Metals
01183212	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	10/1/1997	Aquatic Life	Hydromodification - Water/Flow Variability ; Habitat Modification - Siltation ; Habitat Modification - Turbidity
01183625	Peters Creek	05020005000443	10/28/2003	Potable Water Supply	Source Unknown - Pathogens
01183625	Peters Creek	05020005000443	11/18/2009	Recreational	Source Unknown - Pathogens
01183625	Peters Creek	05020005000443	3/30/1999	Aquatic Life	Small Residential Runoff - Nutrients ; Small Residential Runoff - Siltation ; Bank Modifications - Nutrients ; Bank Modifications - Other Habitat Alterations
		05020005002101	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.
01169078	Beckets Run	05020005001660	7/23/2002	Aquatic Life	Abandoned Mine Drainage - Metals
		05020005001805	9/23/2004	Aquatic Life	Channelization - Siltation
01183705	Piersons Run	05020005000661	9/22/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
		05020005001903	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05020006001682	6/11/2003	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Other Habitat Alterations
		05020005001889	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		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	Piney Fork	05020005001584	7/28/2010	Recreational	Source Unknown - Pathogens
01183937	Piney Fork	05020005001584	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01182465	Ninemile Run	05020005000549	12/8/2011	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
		05020005001852	9/23/2004	Aquatic Life	Source Unknown - Siltation
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	05020005000003	5/4/2002	Potable Water Supply	Source Unknown - Pathogens
01550003	Monongahela River	05020005000003	3/2/2011	Fish Consumption	Source Unknown - PCB
01550003	Monongahela River	05020005000003	8/29/2011	Aquatic Life	Source Unknown - Osmotic Pressure
01183625	Peters Creek	05020005000442	3/30/1999	Aquatic Life	Industrial Point Source - Priority Organics ; Municipal Point Source - Organic Enrichment/Low D.O. ; Removal of Vegetation - Other Habitat 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
01550003	Monongahela River	05020005000009	7/29/2011	Fish Consumption	Source Unknown - PCB
01550003	Monongahela River	05020005000009	4/5/2010	Potable Water Supply	Abandoned Mine Drainage - Other Inorganics ; Subsurface Mining - Other Inorganics ; Industrial Point Source - Other Inorganics
		05010009000111	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01185088	Rinaman Run	05010009000149	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000132	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000132	12/19/2007	Recreational	Source Unknown - Pathogens
01180617	McCaskin Run	05010009000127	7/14/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01180617	McCaskin Run	05010009000127	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000801	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000801	12/19/2007	Recreational	Source Unknown - Pathogens
01175865	Gourdhead Run	05010009000121	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000162	12/19/2007	Recreational	Source Unknown - Pathogens
01175865	Gourdhead Run	05010009000122	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000169	7/13/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Golf Courses - Pesticides ; Golf Courses - Organic Enrichment/Low D.O.
		05010009000574	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009001938	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01186943	Sandy Creek	05010009000490	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000590	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000591	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05020005001878	9/24/2004	Aquatic Life	Bank Modifications - Siltation
01180764	McKnight Run	05010009000714	7/21/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Removal of Vegetation - Other Habitat Alterations ; Bank Modifications - Other Habitat Alterations ; Road Runoff - Oil and Grease
		05010009000469	7/6/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease
01188066	South Fork Montour Run	05030101001511		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Habitat Modification - Siltation
		050100090000955	12/19/2007	Recreational	Source Unknown - Pathogens
00425264	Ohio River	05030101000066	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000066	1/31/2007	Recreational	Source Unknown - Pathogens
		05030101001874	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Dioxins
		05030101001874	1/31/2007	Recreational	Source Unknown - Pathogens
		05030101000407	11/26/1997	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients

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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
		05030101001519		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05030101001356	9/2/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation
01180606	McCabe Run	05030101001528	7/16/2003	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
01192945	Millers Run	05030101001325	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05030101003569	7/17/2003	Aquatic Life	Road Runoff - Siltation
		05030101001637	6/4/2004	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
		05030101001295	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
		05030101001323	8/29/1997	Aquatic Life	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
01180606	McCabe Run	05030101003517	7/16/2003	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		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	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
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 ; Abandoned Mine Drainage - Metals
01183771	Pine Creek	05010009000150	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000150	12/19/2007	Recreational	Source Unknown - Pathogens
01171600	Chartiers Creek	05030101000073	12/4/1997	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	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01171600	Chartiers Creek	05030101000073	12/4/1997	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	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05030101003907	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
		05030101003962	10/12/2006	Aquatic Life	Erosion from Derelict Land - Siltation
01209386	Allegheny River	05010009000006	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01209386	Allegheny River	05010009000007	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01188872	Streets Run	05020005000474	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
01192779	Lick Run	05020005001580	7/28/2010	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
		05020005002096	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.
01192779	Lick Run	05020005001580	7/28/2010	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
01172072	Coal Run	05030101000410	9/2/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation
01179241	Lewis Run	05020005001575	6/2/2009	Aquatic Life	Bank Modifications - Other Habitat Alterations ; Bank Modifications - Siltation ; Bank Modifications - Suspended Solids ; Removal of Vegetation - Other Habitat Alterations ; Removal of Vegetation - Siltation ; Removal of Vegetation - Suspended Solids ; R
01179241	Lewis Run	05020005001575	12/9/2011	Recreational	Source Unknown - Pathogens
01171600	Chartiers Creek	05030101000073	12/4/1997	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	1/11/2002	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
		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
		05030101003364	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
01183948	Pinkertons Run	05030101004029	11/26/1997	Aquatic Life	Source Unknown - Cause Unknown
		05030101003718	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05030101010934	7/17/2003	Aquatic Life	Road Runoff - Siltation
		05010009000158	12/19/2007	Recreational	Source Unknown - Pathogens
		05030101003988	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; 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
		05030101000554	7/17/2003	Aquatic Life	Road Runoff - Siltation
		05020005002091	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.
		05020005001837	9/23/2004	Aquatic Life	Channelization - Siltation
		05020005000691	9/22/2004	Aquatic Life	Natural Sources - Siltation
01168028	Abers Creek	05020005000653	9/22/2004	Aquatic Life	Channelization - Flow Alterations
		05020005001918	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05020005001919	5/19/2004	Aquatic Life	Abandoned Mine Drainage - pH
		05020005001967	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
		05020005002037	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002037	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005002038	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002038	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005002062	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002062	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005000709	6/2/2003	Aquatic Life	Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation

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GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		05020005002068	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002068	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
		05030101001520		Aquatic Life	Urban Runoff/Storm Sewers - 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
01180774	McLaughlin Run	05030101004446	10/2/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation ; Habitat Modification - Turbidity
		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
01175917	Graesers Run	05030101001484	10/2/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation ; Habitat Modification - Turbidity
		05030101001489	11/25/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05030101001480	10/7/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
		05020005000684	9/23/2004	Aquatic Life	Channelization - Siltation
01176379	Half Crown Run	05030101001312	11/24/1997	Aquatic Life	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
		05030101004187	8/29/1997	Aquatic Life	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
		05030101003466	7/17/2003	Aquatic Life	Road Runoff - Siltation
		05030101003962	10/12/2006	Aquatic Life	Erosion from Derelict Land - Siltation
		05030101001316	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101004556	10/7/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
		05020005000670	9/24/2004	Aquatic Life	Bank Modifications - Siltation
01177327	Homestead Run	05020005001607	9/24/2004	Aquatic Life	Abandoned Mine Drainage - Siltation ; Channelization - Siltation
		05020005002026	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
01550003	Monongahela River	05020005000011	7/29/2011	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
01550003	Monongahela River	05020005001639	7/29/2011	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	7/13/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Golf Courses - Pesticides ; Golf Courses - Organic Enrichment/Low D.O.
01192514	Girtys Run	05010009000107	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000791	7/13/1999	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05010009000163	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01209053	Monongahela River	05020005000008	7/29/2011	Fish Consumption	Source Unknown - PCB
		05010009000797	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01175865	Gourdhead Run	05010009000123	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009000069	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000069	12/19/2007	Recreational	Source Unknown - Pathogens
01192337	Deer Creek	05010009000099	7/31/1997	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	12/19/2007	Recreational	Source Unknown - Pathogens
01184558	Quigley Creek	05010009000577	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000578	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
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
		05010009000491	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01186943	Sandy Creek	05010009000490	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000589	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
01179524	Little Deer Creek	05010009000178	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
		05020005001903	9/24/2004	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	4/5/2010	Potable Water Supply	Abandoned Mine Drainage - Other Inorganics ; Subsurface Mining - Other Inorganics ; Industrial Point Source - Other Inorganics
		05020005001886	9/24/2004	Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Siltation
		05020005001886	9/24/2004	Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Siltation
01172838	Cunningham Run	05010009000194	4/7/2009	Aquatic Life	Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations
		05010009000940	8/5/1997	Aquatic Life	Construction - Siltation
		05020005001904	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05010009000917	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01179641	Little Plum Creek	05010009000477	6/8/1999	Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
		05020005001984	9/23/2004	Aquatic Life	Channelization - Siltation
01184110	Plum Creek	05010009000085	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
01188872	Streets Run	05020005000475	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
		05010009000682	7/30/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
01172771	Crouse Run	05010009000130	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01172771	Crouse Run	05010009000130	12/19/2007	Recreational	Source Unknown - Pathogens
		05030101004311	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05010009000837	6/8/1999	Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
01172771	Crouse Run	05010009000128	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01172771	Crouse Run	05010009000128	12/19/2007	Recreational	Source Unknown - Pathogens
					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	05030101000090	9/2/1997	Aquatic Life	Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
01171600	Chartiers Creek	05030101000090	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05020005000685	9/23/2004	Aquatic Life	Channelization - Siltation
		05020005000622	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

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GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		05030101003698	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05030101001478	10/7/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
01171600	Chartiers Creek	05030101000077	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
01171600	Chartiers Creek	05030101000077	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05030101003586		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05010009000581	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
		05010009001005	12/19/2007	Recreational	Source Unknown - Pathogens
		05020005000697	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01170184	Breakneck Creek	05030105000597	6/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005002024	3/30/1999	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
		05020005002024	12/9/2011	Recreational	Source Unknown - Pathogens
		05020005002026	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
		05010009000726	12/19/2007	Recreational	Source Unknown - Pathogens
01172724	Crooked Run	05020005000537	9/23/2004	Aquatic Life	Bank Modifications - Siltation
		05030101003996	11/25/1997	Aquatic Life	Combined Sewer Overflow - Nutrients ; Combined Sewer Overflow - DO/BOD ; Urban Runoff/Storm Sewers - Water/Flow Variability
00595217	Youghiogheny River	05020006000007	3/29/2006	Aquatic Life	Source Unknown - Metals
01181499	Moon Run	05030101001875	1/2/1999	Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Metals
01171600	Chartiers Creek	05030101010705	9/2/1997	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	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05010009000161	12/19/2007	Recreational	Source Unknown - Pathogens
		05030105000548	6/21/2005	Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown
01183625	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
01183625	Peters Creek	05020005000446	11/18/2009	Recreational	Source Unknown - Pathogens
01183625	Peters Creek	05020005000447	6/20/2002	Aquatic Life	Abandoned Mine Drainage - Metals
01183625	Peters Creek	05020005000447	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002028	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002028	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01171600	Chartiers Creek	05030101000083	9/2/1997	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	05030101000083	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01170439	Brush Creek	05030105000528	9/18/2002	Aquatic Life	Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation
00425264	Ohio River	05030101000066	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000066	1/31/2007	Recreational	Source Unknown - Pathogens
01171600	Chartiers Creek	05030101000077	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
01171600	Chartiers Creek	05030101000077	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
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
01181476	Montour Run	05030101001505		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
		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
		05020005002061	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002061	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
00425264	Ohio River	05030101000068	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000068	1/31/2007	Recreational	Source Unknown - Pathogens
01172838	Cunningham Run	05010009000193	4/7/2009	Aquatic Life	Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations
		05010009000157	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000820	7/30/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
01172771	Crouse Run	05010009000130	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01172771	Crouse Run	05010009000130	12/19/2007	Recreational	Source Unknown - Pathogens
		05020005001846	9/22/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
		05030105005790	6/21/2005	Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown
01183937	Piney Fork	05020005001583	7/28/2010	Recreational	Source Unknown - Pathogens
01183937	Piney Fork	05020005001583	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05030101003586		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01185234	Robinson Run	05030101002070	11/26/1997	Aquatic Life	Source Unknown - Cause Unknown
		05010009000917	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01180617	McCaskin Run	05010009000127	7/14/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01180617	McCaskin Run	05010009000127	12/19/2007	Recreational	Source Unknown - Pathogens
		05030101003654		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	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	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
01188872	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
01182465	Ninemile Run	05020005000549	12/8/2011	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 Run
01172072	Coal Run	05030101000409	9/3/1997	Aquatic Life	Construction - Siltation ; Construction - Suspended Solids ; Construction - Turbidity
		05030101001323	8/29/1997	Aquatic Life	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

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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
		05030101004491	8/22/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; On site Wastewater - Nutrients ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Source Unknown - Cause Unknown
01180606	McCabe Run	05030101001528	7/16/2003	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
00425264	Ohio River	05030101002065	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101002065	1/31/2007	Recreational	Source Unknown - Pathogens
		05030101003702	10/10/2006	Aquatic Life	Habitat Modification - Siltation
01183625	Peters Creek	05020005000442	3/30/1999	Aquatic Life	Industrial Point Source - Priority Organics ; Municipal Point Source - Organic Enrichment/Low D.O. ; Removal of Vegetation - Other Habitat 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
01172771	Crouse Run	05010009000130	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01172771	Crouse Run	05010009000130	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000724	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009000065	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000065	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009000065	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000065	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000163	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000163	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000805	7/14/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000805	12/19/2007	Recreational	Source Unknown - Pathogens
		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	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000812	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000812	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000197	6/13/2008	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	05010009000165	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000120	7/19/1999	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
01179641	Little Plum Creek	05010009000047	7/12/1999	Aquatic Life	Combined Sewer Overflow - Nutrients ; Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease ; Abandoned Mine Drainage - Metals
		05020005006019	9/24/2004	Aquatic Life	Bank Modifications - Siltation
01192779	Lick Run	05020005001580	7/28/2010	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
01186943	Sandy Creek	05010009000048	7/12/1999	Aquatic Life	Municipal Point Source - Chlorine ; Urban Runoff/Storm Sewers - Other Inorganics
		05010009000047	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000049	7/12/1999	Aquatic Life	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	Monongahela River	05020005000010	4/5/2010	Potable Water Supply	Abandoned Mine Drainage - Other Inorganics ; Subsurface Mining - Other Inorganics ; Industrial Point Source - Other Inorganics
		05020005001984	9/23/2004	Aquatic Life	Channelization - Siltation
		05020005001937		Aquatic Life	Abandoned Mine Drainage - Metals
01189509	Thompson Run	05020005001947		Aquatic Life	Abandoned Mine Drainage - Metals
		05010009000195	4/7/2009	Aquatic Life	Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations
		05010009000195	4/7/2009	Aquatic Life	Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations
01209386	Allegheny River	05010009000003	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05010009000954	12/19/2007	Recreational	Source Unknown - Pathogens
		05020005001937		Aquatic Life	Abandoned Mine Drainage - Metals
		05010009000720	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000722	12/19/2007	Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000073	12/19/2007	Recreational	Source Unknown - Pathogens
		05020005002116	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.
		050100090000918	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		050100090000955	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009001011	12/19/2007	Recreational	Source Unknown - Pathogens
01190901	West Branch Deer Creek	05010009000208	7/30/1997	Aquatic Life	Agriculture - Siltation ; Construction - Siltation
01171529	Chalfant Run	05020005000688	9/22/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
		05030101003466	7/17/2003	Aquatic Life	Road Runoff - Siltation
		05020006001682	6/11/2003	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Other Habitat Alterations
01177327	Homestead Run	05020005001608	9/24/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
		05020005001613	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
01187030	Sawmill Run	05020005000693	9/23/2004	Aquatic Life	Source Unknown - Siltation
		050100090001018	9/26/1997	Aquatic Life	Construction - Siltation ; Construction - Other Habitat Alterations ; Construction - Turbidity ; Urban Runoff/Storm Sewers - Siltation
01184110	Plum Creek	05010009000085	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
		05030101003361	7/11/2003	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
		05030101003488	7/17/2003	Aquatic Life	Road Runoff - Siltation
		05030101001313	11/26/1997	Aquatic Life	Natural Sources - Siltation ; Abandoned Mine Drainage - Metals
01182465	Ninemile Run	05020005000549	12/8/2011	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 Run
01174809	Fish Run	050100090000152	7/21/1999	Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
01174809	Fish Run	050100090000152	12/19/2007	Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000154	12/19/2007	Recreational	Source Unknown - Pathogens
		05030101001633	6/3/2004	Aquatic Life	Abandoned Mine Drainage - Metals
		05020005001614	9/24/2004	Aquatic Life	Bank Modifications - Siltation
01172072	Coal Run	050301010000410	9/2/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation
		05030105005792	6/21/2005	Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown

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		05030101003638	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01170439	Brush Creek	05030105000524	9/18/2002	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	6/21/2005	Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown
		05010009001013	12/19/2007	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
		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	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
01171600	Chartiers Creek	05030101000074	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
01171600	Chartiers Creek	05030101000074	1/11/2002	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	6/23/2003	Aquatic Life	Abandoned Mine Drainage - Metals
		05020005002060	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002060	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05030101003900	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Urban Runoff/Storm Sewers - Nutrients
		05030101010708	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Turbidity
		05030101010708	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01179241	Lewis Run	05020005001573	3/30/1999	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
		05030101001526	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01182584	North Fork Montour Run	05030101001521		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Habitat Modification - Siltation
01179437	Lintons Run	05030101003953	11/26/1997	Aquatic Life	Source Unknown - Cause Unknown
		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
		05030101001530	7/11/2003	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
00425264	Ohio River	05030101001865	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101001865	1/31/2007	Recreational	Source Unknown - Pathogens
		05030101003466	7/17/2003	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	6/5/2003	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01209366	Thoms Run	05030101001321	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Turbidity
		05030101010941	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
01187296	Shades Run	050100090000948	7/12/1999	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	7/14/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01180617	McCaskin Run	05010009000127	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009000151	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000151	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000716	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000716	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000117	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000132	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000132	12/19/2007	Recreational	Source Unknown - Pathogens
01181477	Montour Run	05010009000137	1/8/2008	Aquatic Life	Road Runoff - Siltation
01181477	Montour Run	05010009000137	12/19/2007	Recreational	Source Unknown - Pathogens
01179641	Little Plum Creek	05010009000477	7/12/1999	Aquatic Life	Combined Sewer Overflow - Nutrients ; Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease ; Abandoned Mine Drainage - Metals
01184482	Pucketa Creek	05010009000425	4/30/2008	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	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01209386	Allegheny River	05010009000503	4/4/2002	Potable Water Supply	Source Unknown - Pathogens
01209386	Allegheny River	05010009000503	3/2/2011	Fish Consumption	Source Unknown - PCB
01209386	Allegheny River	05010009000003	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01192337	Deer Creek	05010009000096	6/13/2008	Aquatic Life	Removal of Vegetation - Siltation ; Construction - Flow Alterations ; Construction - Siltation ; Construction - Suspended Solids ; Construction - Turbidity ; Habitat Modification - Other Habitat Alterations ; Source Unknown - Nutrients
01189509	Thompson Run	05020005001947	9/24/2004	Aquatic Life	Bank Modifications - Siltation
					Abandoned Mine Drainage - Metals
01192337	Deer Creek	05010009000097	8/1/1997	Aquatic Life	Construction - Siltation ; Construction - Flow Alterations ; Construction - Suspended Solids ; Construction - Turbidity ; Source Unknown - Nutrients ; Habitat Modification - Other Habitat Alterations
		05010009000181	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
		05010009000960	12/19/2007	Recreational	Source Unknown - Pathogens
01192514	Girtys Run	05010009000105	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01182585	North Fork Pine Creek	05010009000155	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000157	12/19/2007	Recreational	Source Unknown - Pathogens

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GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		05010009000730	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009001936	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009001936	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009001935	12/19/2007	Recreational	Source Unknown - Pathogens
		05020005002000	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
					Combined Sewer Overflow - Nutrients ; Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease ; Abandoned Mine Drainage - Metals
01179641	Little Plum Creek	05010009000475	7/12/1999	Aquatic Life	Mine Drainage - Metals
01192514	Girtys Run	05010009000105	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000140	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000201	7/30/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
		05010009000140	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009001021	7/30/1997	Aquatic Life	Agriculture - Siltation ; Construction - Siltation
01181477	Montour Run	05010009000138	1/8/2008	Aquatic Life	Road Runoff - Siltation
01181477	Montour Run	05010009000138	12/19/2007	Recreational	Source Unknown - Pathogens
01190901	West Branch Deer Creek	05010009000208	7/30/1997	Aquatic Life	Agriculture - Siltation ; Construction - Siltation
01175614	Gillespie Run	05020006000528	6/23/2003	Aquatic Life	Abandoned Mine Drainage - Metals
		05020006001986	11/29/2006	Aquatic Life	Road Runoff - Siltation
01192843	Long Run	05020006000590	11/29/2006	Aquatic Life	Road Runoff - Siltation
		05020005000692	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 Run
01182465	Ninemile Run	05020005000549	12/8/2011	Aquatic Life	Source Unknown - Pathogens
01183937	Piney Fork	05020005001586	7/28/2010	Recreational	Source Unknown - Pathogens
01183937	Piney Fork	05020005001586	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005000697	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005001591	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005001591	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01183937	Piney Fork	05020005001586	7/28/2010	Recreational	Source Unknown - Pathogens
01183937	Piney Fork	05020005001586	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
		05020005001571	5/3/2002	Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Metals
01171335	Catfish Run	05020005001587	7/28/2010	Recreational	Source Unknown - Pathogens
01171335	Catfish Run	05020005001587	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005002086	6/20/2002	Aquatic Life	Abandoned Mine Drainage - Metals
					Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
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. ; Road Runoff - Siltation
		05020005002141	6/2/2003	Aquatic Life	Siltation
		05030101004263	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
01169078	Beckets Run	05020005000707	7/23/2002	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101003410	6/27/2003	Aquatic Life	Road Runoff - Siltation
01192945	Millers Run	05030101001325	8/19/1997	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
		05030101001525		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005000684	9/23/2004	Aquatic Life	Channelization - Siltation
		05020005000683	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05020005000692	9/22/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
01209386	Allegheny River	05010009000005	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05020005001881	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05020005001901	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05020005001827	9/22/2004	Aquatic Life	Channelization - Flow Alterations
		05030101004331	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05030101000406	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
01192945	Millers Run	05030101001326	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		050100090000478	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals
01187296	Shades Run	05010009000952	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05030101003409	7/11/2003	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
		05020006000724	3/5/2004	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05030101000073	12/4/1997	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	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01185234	Robinson Run	05030101000483	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; On site Wastewater - Nutrients
					Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Habitat Modification - Siltation
		05030101010923	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	05020005000007	7/29/2011	Fish Consumption	Source Unknown - PCB
		05020005002077	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01185234	Robinson Run	05030101000483	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; On site Wastewater - Nutrients
		05030101003523	6/27/2003	Aquatic Life	Road Runoff - Siltation
		050100090000487	7/6/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Other Inorganics ; Urban Runoff/Storm Sewers - Oil and Grease
		05030105000548	6/21/2005	Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown
		05030101003729	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05030101004556	10/7/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
01209386	Allegheny River	05010009000003	3/2/2011	Fish Consumption	Source Unknown - PCB
		05020005002169	7/23/2002	Aquatic Life	Abandoned Mine Drainage - Metals
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 - Metals ; Abandoned Mine Drainage - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
01171600	Chartiers Creek	05030101000089	9/2/1997	Aquatic Life	Source Unknown - PCB ; Source Unknown - Chlordane
01171600	Chartiers Creek	05030101000089	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05010009000125	7/14/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients

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GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		05010009000125	12/19/2007	Recreational	Source Unknown - Pathogens
		05030105000548	6/21/2005	Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown
		05030101003476	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
		05030101003476	1/31/2007	Recreational	Source Unknown - Pathogens
		05010009000955	12/19/2007	Recreational	Source Unknown - Pathogens
		05030101000554	7/17/2003	Aquatic Life	Road Runoff - Siltation
01214673	Kaufman Run	05030105005789	7/9/2002	Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Siltation
		05010009000148	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009001931	7/21/1999	Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
		05010009001931	12/19/2007	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
01179633	Little Pine Creek	05010009000115	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000124	7/14/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000124	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009000065	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000065	12/19/2007	Recreational	Source Unknown - Pathogens
01192169	Blue Run	05010009000212	7/29/1997	Aquatic Life	Small Residential Runoff - Nutrients ; Small Residential Runoff - Siltation ; Road Runoff - Nutrients ; Road Runoff - Siltation
		05010009000197	6/13/2008	Aquatic Life	Small Residential Runoff - Nutrients ; Abandoned Mine Drainage - Siltation ; Small Residential Runoff - Siltation
		05010009000478	6/9/1999	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	6/8/1999	Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
		05020005001875	9/24/2004	Aquatic Life	Channelization - Other Habitat Alterations
		05010009000585	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01184482	Pucketa Creek	05010009000423	4/30/2008	Aquatic Life	Small Residential Runoff - Siltation ; Road Runoff - Siltation
		05010009000195	4/7/2009	Aquatic Life	Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations
		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	9/24/2004	Aquatic Life	Channelization - Other Habitat Alterations
01172724	Crooked Run	05020005000537	9/23/2004	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
01192779	Lick Run	05020005001580	7/28/2010	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	12/19/2007	Recreational	Source Unknown - Pathogens
		05020005001889	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05010009000715	7/21/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Removal of Vegetation - Other Habitat Alterations ; Bank Modifications - Other Habitat Alterations
01183771	Pine Creek	05010009000151	7/21/1999	Aquatic Life	Road Runoff - Oil and Grease
01183771	Pine Creek	05010009000151	12/19/2007	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
		05020005001990	2/28/2008	Aquatic Life	Source Unknown - Pathogens
01183771	Pine Creek	05010009000146	7/21/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
01183771	Pine Creek	05010009000146	12/19/2007	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000146	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000721	7/21/1999	Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
		05010009000721	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000148	12/19/2007	Recreational	Source Unknown - Pathogens
01189509	Thompson Run	05020005001978		Aquatic Life	Source Unknown - Pathogens
		05020005001995	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals
				Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
01192337	Deer Creek	05010009000092	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
01192514	Girtys Run	05010009000106	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000202	7/30/1997	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01190901	West Branch Deer Creek	05010009000208	9/26/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
01181477	Montour Run	05010009000139	12/19/2007	Aquatic Life	Construction - Other Habitat Alterations ; Construction - Turbidity ; Construction - Siltation
01190901	West Branch Deer Creek	05010009000208	7/30/1997	Recreational	Source Unknown - Pathogens
		05010009001024	12/19/2007	Aquatic Life	Agriculture - Siltation ; Construction - Siltation
		05010009000821	6/13/2008	Recreational	Source Unknown - Pathogens
				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
01192779	Lick Run	05020005001581	7/28/2010	Aquatic Life	Source Unknown - Pathogens
01192779	Lick Run	05020005001581	4/26/2002	Recreational	Source Unknown - Pathogens
		05020005001593	7/28/2010	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005001593	3/25/2010	Recreational	Source Unknown - Pathogens
				Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005000709	6/2/2003	Aquatic Life	Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05020005002143	6/2/2003	Aquatic Life	Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05020005001571	5/3/2002	Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Metals
		05020005002070	7/28/2010	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
		05020005002051	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	05020005000444	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	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
01182584	North Fork Montour Run	05030101001522		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Habitat Modification - Siltation

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GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
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
		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
		05020005001611	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
01181476	Montour Run	05030101001507		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
		05030101004242	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
01185234	Robinson Run	05030101000489	11/24/1997	Aquatic Life	Abandoned Mine Drainage - Metals
01183705	Piersons Run	05020005000662	9/22/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
		05030101004162	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
01185234	Robinson Run	05030101000482	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; 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
		05030101003938	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05030101001478	10/7/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
01180774	McLaughlin Run	05030101010693	10/2/1997	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	5/4/2002	Potable Water Supply	Source Unknown - Pathogens
01550003	Monongahela River	05020005000003	3/2/2011	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	7/28/2010	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	3/2/2011	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
		05030105000548	6/21/2005	Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown
01171600	Chartiers Creek	05030101000085	9/2/1997	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	05030101000085	11/1/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05030101001356	9/2/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation
01192795	Little Bull Creek	05010009000226	4/29/2008	Aquatic Life	Agriculture - Siltation
		05030101003790	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005000684	9/23/2004	Aquatic Life	Channelization - Siltation
		05020005002040	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
		05020005001920	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05030101003641	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01189505	Thompson Run	05020005000675	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01181477	Montour Run	05010009000139	12/19/2007	Recreational	Source Unknown - Pathogens
		05030101003476	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
		05030101003476	1/31/2007	Recreational	Source Unknown - Pathogens
01191105	West Run	05020005001935	9/24/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
00595217	Youghiogheny River	05020006000006	3/29/2006	Aquatic Life	Source Unknown - 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
01171600	Chartiers Creek	05030101000076	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
01171600	Chartiers Creek	05030101000076	11/1/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05010009000730	12/19/2007	Recreational	Source Unknown - Pathogens
00425264	Ohio River	05030101000071	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000071	1/31/2007	Recreational	Source Unknown - Pathogens
01180774	McLaughlin Run	05030101000464	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Turbidity
01180774	McLaughlin Run	05030101000464	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05030101004224	8/28/1997	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Subsurface Mining - 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	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000836	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01183771	Pine Creek	05010009001934	12/19/2007	Recreational	Source Unknown - Pathogens
		05020005001814	9/23/2004	Aquatic Life	Channelization - Siltation
		05020005000663	9/22/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
		05030101003586		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05030101003506	7/16/2003	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
01183771	Pine Creek	05010009001933	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009001933	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000161	12/19/2007	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
		05030101003644	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.
		05020005000687	9/23/2004	Aquatic Life	Channelization - Siltation
01186943	Sandy Creek	050100090000489	7/12/1999	Aquatic Life	Municipal Point Source - Chlorine ; Urban Runoff/Storm Sewers - Other Inorganics

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GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
		05030101003586		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05010009000721	7/21/1999	Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
		05010009000721	12/19/2007	Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000075	12/19/2007	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
01177745	Indian Creek	05010009000487	7/6/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Other Inorganics ; Urban Runoff/Storm Sewers - Oil and Grease
		05010009000479	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05010009000569	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Habitat Modification - Other Habitat Alterations
01184558	Quigley Creek	05010009001929	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000579	7/12/1999	Aquatic Life	Municipal Point Source - Chlorine ; Urban Runoff/Storm Sewers - Other Inorganics
01183771	Pine Creek	05010009000062	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000062	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009000060	7/21/1999	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
		05030101010935	7/17/2003	Aquatic Life	Road Runoff - Siltation
		05010009000195	4/7/2009	Aquatic Life	Habitat Modification - Siltation ; Bank Modifications - Other Habitat Alterations
01189972	Turtle Creek	05020005000481	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
01183771	Pine Creek	05010009000059	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000059	12/19/2007	Recreational	Source Unknown - Pathogens
01209386	Allegheny River	05010009000003	3/2/2011	Fish Consumption	Source Unknown - PCB
		05010009000077	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000156	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000158	12/19/2007	Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000075	12/19/2007	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
01179241	Lewis Run	05020005001575	6/2/2009	Aquatic Life	Bank Modifications - Other Habitat Alterations ; Bank Modifications - Siltation ; Bank Modifications - Suspended Solids ; Removal of Vegetation - Other Habitat Alterations ; Removal of Vegetation - Siltation ; Removal of Vegetation - Suspended Solids ; R
01179241	Lewis Run	05020005001575	12/9/2011	Recreational	Source Unknown - Pathogens
		05020005001582	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005001582	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05030101001304	11/24/1997	Aquatic Life	Abandoned Mine Drainage - Metals
		05020005000709	6/2/2003	Aquatic Life	Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05020005001571	5/3/2002	Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Metals
		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	05020005000447	6/20/2002	Aquatic Life	Abandoned Mine Drainage - Metals
01183625	Peters Creek	05020005000447	7/28/2010	Recreational	Source Unknown - Pathogens
01183625	Peters Creek	05020005000443	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	05020005000443	11/18/2009	Recreational	Source Unknown - Pathogens
		05030101003379	6/27/2003	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
		05030101003549	7/17/2003	Aquatic Life	Abandoned Mine Drainage - Metals ; Upstream Impoundment - Siltation ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
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
		05030101001519		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01181476	Montour Run	05030101001504		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
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
01181476	Montour Run	05030101001506		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
01180774	McLaughlin Run	05030101000467	10/1/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation ; Habitat Modification - Other Habitat Alterations
		05030101001294	11/26/1997	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
01181476	Montour Run	05030101001510		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
		05030101001308	11/24/1997	Aquatic Life	Abandoned Mine Drainage - Metals
01209366	Thoms Run	05030101001322	8/29/1997	Aquatic Life	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
		05030101001263	7/17/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation

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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	Aquatic Life	Abandoned Mine Drainage - Metals
		05020006004007	7/15/2003	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	12/4/1997	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	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
01168028	Abers Creek	05020005000652	9/22/2004	Aquatic Life	Channelization - Flow Alterations
		05020005001891	9/24/2004	Aquatic Life	Bank Modifications - Siltation
01189972	Turtle Creek	05020005000480	9/24/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
01189972	Turtle Creek	05020005000483	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05020005001604	4/26/2002	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005002111	6/20/2002	Aquatic Life	Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
01185234	Robinson Run	05030101002070	11/26/1997	Aquatic Life	Source Unknown - Cause Unknown
01185234	Robinson Run	05030101002070	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; On site Wastewater - Nutrients
01171600	Chartiers Creek	05030101000075	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
01171600	Chartiers Creek	05030101000075	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05030101001356	9/2/1997	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
01182244	Nelson Run	05010009000712	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000824	7/31/1997	Aquatic Life	Removal of Vegetation - Nutrients ; Removal of Vegetation - Siltation
		05030101001302	12/3/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Nutrients ; Combined Sewer Overflow - Organic Enrichment/Low D.O.
01183212	Painters Run	05030101001490	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
		05030101003265	7/17/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05010009000491	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000718	12/19/2007	Recreational	Source Unknown - Pathogens
01189510	Thompson Run	05020005000664	9/23/2004	Aquatic Life	Channelization - Siltation
		05010009001023	12/19/2007	Recreational	Source Unknown - Pathogens
01190901	West Branch Deer Creek	05010009000208	7/30/1997	Aquatic Life	Agriculture - Siltation ; Construction - Siltation
01181477	Montour Run	05010009000501	12/19/2007	Recreational	Source Unknown - Pathogens
01192945	Millers Run	05030101001324	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05010009000918	6/9/1999	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
01177745	Indian Creek	05010009000487	7/6/1999	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	10/12/2006	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	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05020005002071	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002071	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05010009000811	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000811	12/19/2007	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	11/23/2005	Aquatic Life	Agriculture - Siltation ; Agriculture - Nutrients
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
		05010009000831	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; On site Wastewater - Organic Enrichment/Low D.O.
		05010009000831	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000471	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Habitat Modification - Other Habitat Alterations
01179641	Little Plum Creek	05010009000474	7/12/1999	Aquatic Life	Combined Sewer Overflow - Nutrients ; Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Oil and Grease ; Abandoned Mine Drainage - Metals
		05010009001930	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01179641	Little Plum Creek	05010009000477	6/8/1999	Aquatic Life	Petroleum Activities - pH ; Abandoned Mine Drainage - Metals
		05010009000583	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01184558	Quigley Creek	05010009001929	7/12/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01192514	Girtys Run	05010009000105	7/20/1999	Aquatic Life	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
		05010009000181	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
		05020005002041	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
		05020005001869	9/24/2004	Aquatic Life	Channelization - Other Habitat Alterations
		05020005001847	9/23/2004	Aquatic Life	Channelization - Siltation
01182585	North Fork Pine Creek	05010009000155	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000958	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000157	12/19/2007	Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000155	12/19/2007	Recreational	Source Unknown - Pathogens
00425264	Ohio River	05030101000068	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB

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GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
00425264	Ohio River	05030101000068	1/31/2007	Recreational	Source Unknown - Pathogens
		05020005001887	9/24/2004	Aquatic Life	Bank Modifications - Siltation
		05010009000720	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000732	12/19/2007	Recreational	Source Unknown - Pathogens
		05020005001953	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
01181477	Montour Run	050100090001014	7/30/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation ; Construction - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides
		05010009000139	12/19/2007	Recreational	Source Unknown - Pathogens
		050100090001015	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000140	12/19/2007	Recreational	Source Unknown - Pathogens
		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
		05030101003744	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05030101003964	10/12/2006	Aquatic Life	Erosion from Derelict Land - Siltation
01181499	Moon Run	05030101003410	6/27/2003	Aquatic Life	Road Runoff - Siltation
		05030101001875	1/2/1999	Aquatic Life	Abandoned Mine Drainage - pH ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Metals
		05020005001840	9/22/2004	Aquatic Life	Natural Sources - Siltation
		05020005000687	9/23/2004	Aquatic Life	Channelization - Siltation
		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
		05020005002056	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
		05020005002047	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002047	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05030101003714	10/10/2006	Aquatic Life	Habitat Modification - Siltation
01183625	Peters Creek	05020005000443	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	05020005000443	11/18/2009	Recreational	Source Unknown - Pathogens
01183937	Piney Fork	05020005001586	7/28/2010	Recreational	Source Unknown - Pathogens
01183937	Piney Fork	05020005001586	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05020005002091	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.
		05020005000697	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005002103	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.
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
01185234	Robinson Run	05030101000489	11/24/1997	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101003818	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
		05030101001355	9/3/1997	Aquatic Life	Land Development - Siltation ; Land Development - Suspended Solids ; Golf Courses - Nutrients ; Golf Courses - Organic Enrichment/Low D.O. ; Land Development - Turbidity
		05030101003838	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
		05020005001821	9/22/2004	Aquatic Life	Channelization - Flow Alterations
		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 Enrichment/Low D.O. ; Road Runoff - Siltation
		05030101001495	11/25/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05020006000729	7/14/2003	Aquatic Life	Abandoned Mine Drainage - Metals
		05020005002077	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05030101003587	7/17/2003	Aquatic Life	Abandoned Mine Drainage - Metals ; Upstream Impoundment - Siltation ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
		05030101001264	7/1/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Removal of Vegetation - Siltation ; Road Runoff - Siltation
01183212	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
		05030101001263	7/17/2003	Aquatic Life	Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05020005000002	5/4/2002	Potable Water Supply	Source Unknown - Pathogens
01550003	Monongahela River	05020005000002	3/2/2011	Fish Consumption	Source Unknown - PCB
01171600	Chartiers Creek	05030101000073	12/4/1997	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	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05030105000644	11/23/2005	Aquatic Life	Agriculture - Siltation ; Agriculture - Nutrients
		05030101001356	9/2/1997	Aquatic Life	Agriculture - Nutrients ; Agriculture - Siltation
01171600	Chartiers Creek	05030101000078	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; Abandoned Mine Drainage - Siltation
		05030101001317	11/26/1997	Aquatic Life	Abandoned Mine Drainage - Metals
		05010009000723	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000072	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000148	12/19/2007	Recreational	Source Unknown - Pathogens
01182585	North Fork Pine Creek	05010009000074	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000728	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000159	12/19/2007	Recreational	Source Unknown - Pathogens
		05020005002050	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002050	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01170439	Brush Creek	05030105000523	9/18/2002	Aquatic Life	Construction - Siltation ; Urban Runoff/Storm Sewers - Water/Flow Variability ; Urban Runoff/Storm Sewers - Siltation
		05030101001359	12/4/1997	Aquatic Life	Agriculture - Nutrients ; Construction - Siltation
		05030105005788	6/21/2005	Aquatic Life	Road Runoff - Siltation ; Small Residential Runoff - Cause Unknown
		05030101003476	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
		05030101003476	1/31/2007	Recreational	Source Unknown - Pathogens
		05030101001500	7/17/2003	Aquatic Life	Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.

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GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
01192514	Girtys Run	05010009000105	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01192514	Girtys Run	05010009000106	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05030101001293	11/25/1997	Aquatic Life	Combined Sewer Overflow - Organic Enrichment/Low D.O. ; Urban Runoff/Storm Sewers - Water/Flow Variability
01183771	Pine Creek	05010009000151	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000151	12/19/2007	Recreational	Source Unknown - Pathogens
01179635	Little Pine Creek	05010009000164	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009001935	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000112	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000800	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000584	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
01170184	Breakneck Creek	05030105000597	6/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
					Small Residential Runoff - Nutrients ; Small Residential Runoff - Siltation ; Abandoned Mine Drainage - Metals ; Removal of Vegetation - Nutrients ; Removal of Vegetation - Siltation
01189972	Turtle Creek	05020005000486	3/1/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05030101000476	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05030101004174	11/25/1997	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Siltation ; Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Suspended Solids
		05030101004334	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05010009000117	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009001005	12/19/2007	Recreational	Source Unknown - Pathogens
01184110	Plum Creek	05010009000079	7/6/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Other Inorganics ; Urban Runoff/Storm Sewers - Oil and Grease
		05020005002141	6/2/2003	Aquatic Life	Agriculture - Siltation ; Agriculture - Organic Enrichment/Low D.O. ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05020005001887	9/24/2004	Aquatic Life	Bank Modifications - Siltation
01183212	Painters Run	05030101001876	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
01173359	Dolphin Run	05030101001339	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		05010009000797	7/20/1999	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
		05020005001852	9/23/2004	Aquatic Life	Source Unknown - Siltation
		05020005001816	9/22/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
		05030101001300	11/26/1997	Aquatic Life	Source Unknown - Cause Unknown
		05010009000120	7/19/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; On site Wastewater - Organic Enrichment/Low D.O
		05010009000120	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000955	12/19/2007	Recreational	Source Unknown - Pathogens
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
00425264	Ohio River	05030101000068	3/2/2011	Fish Consumption	Source Unknown - Dioxins ; Source Unknown - PCB
00425264	Ohio River	05030101000068	1/31/2007	Recreational	Source Unknown - Pathogens
		05010009000169	7/13/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Golf Courses - Pesticides ; Golf Courses - Organic Enrichment/Low D.O.
		05010009000181	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
01182585	North Fork Pine Creek	05010009000155	12/19/2007	Recreational	Source Unknown - Pathogens
		05020005002063	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002063	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05010009000479	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05020005001612	2/28/2008	Aquatic Life	Abandoned Mine Drainage - Metals ; Urban Runoff/Storm Sewers - Siltation
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
		05010009001013	12/19/2007	Recreational	Source Unknown - Pathogens
01181477	Montour Run	05010009000139	12/19/2007	Recreational	Source Unknown - Pathogens
		05020005000692	9/22/2004	Aquatic Life	Abandoned Mine Drainage - Siltation
01189505	Thompson Run	05020005000677	1/2/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
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
01171335	Catfish Run	05020005001587	7/28/2010	Recreational	Source Unknown - Pathogens
01171335	Catfish Run	05020005001587	3/25/2010	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
					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
01179241	Lewis Run	05020005001573	3/30/1999	Aquatic Life	Source Unknown - Pathogens
01179241	Lewis Run	05020005002045	7/28/2010	Recreational	Source Unknown - Pathogens
		05020005002045	4/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
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
		05020005002081	6/20/2002	Aquatic Life	Small Residential Runoff - Siltation ; Small Residential Runoff - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05020005002043	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	05020005000446	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	05020005000446	11/18/2009	Recreational	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
01174586	Fallen Timber Run	05020005000384	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	6/20/2002	Aquatic Life	Source Unknown - Pathogens
01183625	Peters Creek	05020005000445	11/18/2009	Recreational	Agriculture - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals ; Road Runoff - Siltation ; Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O.
		05020005002110	6/20/2002	Aquatic Life	Organic Enrichment/Low D.O.
		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
		05030101001338	8/19/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Turbidity
		050100090000954	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

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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	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Suspended Solids ; Habitat Modification - Turbidity
		05030101003830	6/4/2004	Aquatic Life	Abandoned Mine Drainage - Metals
		05030101003837	12/4/1997	Aquatic Life	Abandoned Mine Drainage - Salinity/TDS/Chlorides ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; 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	9/23/2004	Aquatic Life	Channelization - Siltation
01168028	Abers Creek	05020005000654	9/22/2004	Aquatic Life	Channelization - Flow Alterations
01168028	Abers Creek	05020005000654	9/22/2004	Aquatic Life	Channelization - Flow Alterations
		05020005001614	9/24/2004	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
		05030101003463	7/16/2003	Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Road Runoff - Siltation
		05030101003687		Aquatic Life	Urban Runoff/Storm Sewers - Organic Enrichment/Low D.O. ; Abandoned Mine Drainage - Metals
		05030101003577	7/17/2003	Aquatic Life	Road Runoff - Siltation
		05030101000407	11/26/1997	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - Suspended Solids ; On site Wastewater - Nutrients
01175917	Graesers Run	05030101010694	10/2/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation ; Habitat Modification - Turbidity
		05030101000554	7/17/2003	Aquatic Life	Road Runoff - Siltation
		05030101003672	10/10/2006	Aquatic Life	Habitat Modification - Siltation
		05030101010708	10/3/1997	Aquatic Life	Habitat Modification - Siltation ; Habitat Modification - Turbidity
		05030101010708	11/1/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		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
		05030101003638	11/4/2003	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
01183625	Peters Creek	05020005000442	3/30/1999	Aquatic Life	Industrial Point Source - Priority Organics ; Municipal Point Source - Organic Enrichment/Low D.O. ; Removal of Vegetation - Other Habitat 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
01550003	Monongahela River	05020005000011	7/29/2011	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
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
01550003	Monongahela River	05020005001636	7/29/2011	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	10/12/2006	Aquatic Life	Erosion from Derelict Land - Siltation
		05030101001480	10/7/1997	Aquatic Life	Habitat Modification - Nutrients ; Habitat Modification - Siltation
01171600	Chartiers Creek	05030101010705	9/2/1997	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	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05010009000825	7/31/1997	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	6/26/2002	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05010009000723	7/21/1999	Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
		05010009000803	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000730	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000575	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals
		05010009000473	6/15/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Urban Runoff/Storm Sewers - Siltation
		05010009000791	7/13/1999	Aquatic Life	Urban Runoff/Storm Sewers - Siltation
		05030105000616	6/21/2005	Aquatic Life	Small Residential Runoff - Siltation ; Road Runoff - Siltation
		05030101003525	7/17/2003	Aquatic Life	Abandoned Mine Drainage - Metals
		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
		05020005002010	5/1/2002	Aquatic Life	Road Runoff - Siltation
		05020005002013	6/2/2009	Aquatic Life	Bank Modifications - Other Habitat Alterations ; Bank Modifications - Siltation ; Bank Modifications - Suspended Solids ; Removal of Vegetation - Other Habitat Alterations ; Removal of Vegetation - Siltation ; Removal of Vegetation - Suspended Solids ; R
		05020005002013	12/9/2011	Recreational	Source Unknown - Pathogens
		05020005001996	11/25/1997	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
		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
01193648	Wexford Run	05010009000147	7/21/1999	Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
01193648	Wexford Run	05010009000147	12/19/2007	Recreational	Source Unknown - Pathogens
01192514	Girtys Run	05010009000105	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009000959	12/19/2007	Recreational	Source Unknown - Pathogens
01192514	Girtys Run	05010009000107	7/21/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients ; Removal of Vegetation - Other Habitat Alterations ; Bank Modifications - Other Habitat Alterations ; Road Runoff - Oil and Grease
		05010009000112	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
		05010009001931	7/21/1999	Aquatic Life	Land Development - Siltation ; Urban Runoff/Storm Sewers - Nutrients
		05010009001931	12/19/2007	Recreational	Source Unknown - Pathogens
01183771	Pine Creek	05010009000145	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients
01183771	Pine Creek	05010009000145	12/19/2007	Recreational	Source Unknown - Pathogens
		05010009000731	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients
01183771	Pine Creek	05010009000151	7/21/1999	Aquatic Life	Land Development - Siltation ; Small Residential Runoff - Nutrients

Appendix C - Impaired Waters

GNIS ID	Waterbody Name	Reach Code	Date	Stream Assessment	Source
01183771	Pine Creek	05010009000151	12/19/2007	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	6/20/2002	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	6/21/2005	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	7/1/2003	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	4/5/2010	Potable Water Supply	Abandoned Mine Drainage - Other Inorganics ; Subsurface Mining - Other Inorganics ; Industrial Point Source - Other Inorganics
01209386	Allegheny River	05010009000004	1/11/2002	Fish Consumption	Source Unknown - PCB ; Source Unknown - Chlordane
		05010009000479	6/9/1999	Aquatic Life	Abandoned Mine Drainage - Metals ; Abandoned Mine Drainage - pH
		05020005002030	3/30/1999	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	12/9/2011	Recreational	Source Unknown - Pathogens
01182244	Nelson Run	05010009000712	7/20/1999	Aquatic Life	Urban Runoff/Storm Sewers - Nutrients

APPENDIX D
Information Request Form and Form A

ALLEGHENY COUNTY WATERSHEDS ACT 167

Stormwater Management Plan

Information Request Form

PLEASE COMPLETE THE FOLLOWING AND RETURN THE FORM (email preferred) AND MARKED UP MAP TO:

Chad Davis

Michael Baker Jr. Inc.

100 Airside Drive

Moon Township, PA 15108

Email: cdavis@mbakercorp.com Phone: 412.375.3077

Person completing form

Watershed	
Municipality	
Name	
Phone	
e-mail	

1. Does your municipality have the following?

*For the Regulations / Ordinances listed, please list where the Regulation / Ordinance is found in the "Location" column.

Use the following abbreviations for the "Location" column:

CP = comprehensive plan

ZO = zoning ordinance

BC = building code

SO = separate ordinance

SL = subdivision/land development ordinance

	Yes	No	Location/Date
Comprehensive Plan	☐	☐	
Zoning Ordinance	☐	☐	
Subdivision/Land Development Ordinance	☐	☐	
Floodplain Regulations *	☐	☐	
Stormwater Management Regulations *	☐	☐	
Erosion Control Regulations *	☐	☐	
Drainage Regulations *	☐	☐	

2. Is your Municipality considered a small MS4 Municipality under the current NPDES Phase II stormwater regulations? (CIRCLE ONE)	
Yes	No
If yes, is your small MS4 Municipality currently in compliance with the NPDES Phase II Permit?	
Yes	No

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.							
Consideration		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 in-stream 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	☐	☐	☐	☐	☐	

4. 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	☐	☐	☐
Other topics you would like to have considered: _____			

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.



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

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 number.

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.

If storm water problem occurred during and after Agnes, describe the frequency of the problem after Agnes.

Use the explanation lines to list the types of public property damages, e.g. roadways, hospitals, etc.

Enter the line no. (s)
used to list the map ID
no. (s) for the proposed
facilities.

Firm or Agency Name		Address	City	State	Zip
1	1. FIRM OR AGENCY NAME	2. ADDRESS	3. CITY	4. STATE	5. ZIP
2	2. ADDRESS	3. CITY	4. STATE	5. ZIP	
3	3. CITY	4. STATE	5. ZIP		
4	4. STATE	5. ZIP			
5	5. ZIP				
6	6. FIRM OR AGENCY NAME	7. ADDRESS	8. CITY	9. STATE	10. ZIP
7	7. ADDRESS	8. CITY	9. STATE	10. ZIP	
8	8. CITY	9. STATE	10. ZIP		
9	9. STATE	10. ZIP			
10	10. ZIP				
11	11. FIRM OR AGENCY NAME	12. ADDRESS	13. CITY	14. STATE	15. ZIP
12	12. ADDRESS	13. CITY	14. STATE	15. ZIP	
13	13. CITY	14. STATE	15. ZIP		
14	14. STATE	15. ZIP			
15	15. ZIP				
16	16. FIRM OR AGENCY NAME	17. ADDRESS	18. CITY	19. STATE	20. ZIP
17	17. ADDRESS	18. CITY	19. STATE	20. ZIP	
18	18. CITY	19. STATE	20. ZIP		
19	19. STATE	20. ZIP			
20	20. ZIP				
21	21. FIRM OR AGENCY NAME	22. ADDRESS	23. CITY	24. STATE	25. ZIP
22	22. ADDRESS	23. CITY	24. STATE	25. ZIP	
23	23. CITY	24. STATE	25. ZIP		
24	24. STATE	25. ZIP			
25	25. ZIP				
26	26. FIRM OR AGENCY NAME	27. ADDRESS	28. CITY	29. STATE	30. ZIP
27	27. ADDRESS	28. CITY	29. STATE	30. ZIP	
28	28. CITY	29. STATE	30. ZIP		
29	29. STATE	30. ZIP			
30	30. ZIP				
31	31. FIRM OR AGENCY NAME	32. ADDRESS	33. CITY	34. STATE	35. ZIP
32	32. ADDRESS	33. CITY	34. STATE	35. ZIP	
33	33. CITY	34. STATE	35. ZIP		
34	34. STATE	35. ZIP			
35	35. ZIP				
36	36. FIRM OR AGENCY NAME	37. ADDRESS	38. CITY	39. STATE	40. ZIP
37	37. ADDRESS	38. CITY	39. STATE	40. ZIP	
38	38. CITY	39. STATE	40. ZIP		
39	39. STATE	40. ZIP			
40	40. ZIP				
41	41. FIRM OR AGENCY NAME	42. ADDRESS	43. CITY	44. STATE	45. ZIP
42	42. ADDRESS	43. CITY	44. STATE	45. ZIP	
43	43. CITY	44. STATE	45. ZIP		
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45	45. ZIP				
46	46. FIRM OR AGENCY NAME	47. ADDRESS	48. CITY	49. STATE	50. ZIP
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51	51. FIRM OR AGENCY NAME	52. ADDRESS	53. CITY	54. STATE	55. ZIP
52	52. ADDRESS	53. CITY	54. STATE	55. ZIP	
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56	56. FIRM OR AGENCY NAME	57. ADDRESS	58. CITY	59. STATE	60. ZIP
57	57. ADDRESS	58. CITY	59. STATE	60. ZIP	
58	58. CITY	59. STATE	60. ZIP		
59	59. STATE	60. ZIP			
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61	61. FIRM OR AGENCY NAME	62. ADDRESS	63. CITY	64. STATE	65. ZIP
62	62. ADDRESS	63. CITY	64. STATE	65. ZIP	
63	63. CITY	64. STATE	65. ZIP		
64	64. STATE	65. ZIP			
65	65. ZIP				
66	66. FIRM OR AGENCY NAME	67. ADDRESS	68. CITY	69. STATE	70. ZIP
67	67. ADDRESS	68. CITY	69. STATE	70. ZIP	
68	68. CITY	69. STATE	70. ZIP		
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70	70. ZIP				
71	71. FIRM OR AGENCY NAME	72. ADDRESS	73. CITY	74. STATE	75. ZIP
72	72. ADDRESS	73. CITY	74. STATE	75. ZIP	
73	73. CITY	74. STATE	75. ZIP		
74	74. STATE	75. ZIP			
75	75. ZIP				
76	76. FIRM OR AGENCY NAME	77. ADDRESS	78. CITY	79. STATE	80. ZIP
77	77. ADDRESS	78. CITY	79. STATE	80. ZIP	
78	78. CITY	79. STATE	80. ZIP		
79	79. STATE	80. ZIP			
80	80. ZIP				
81	81. FIRM OR AGENCY NAME	82. ADDRESS	83. CITY	84. STATE	85. ZIP
82	82. ADDRESS	83. CITY	84. STATE	85. ZIP	
83	83. CITY	84. STATE	85. ZIP		
84	84. STATE	85. ZIP			
85	85. ZIP				
86	86. FIRM OR AGENCY NAME	87. ADDRESS	88. CITY	89. STATE	90. ZIP
87	87. ADDRESS	88. CITY	89. STATE	90. ZIP	
88	88. CITY	89. STATE	90. ZIP		
89	89. STATE	90. ZIP			
90	90. ZIP				
91	91. FIRM OR AGENCY NAME	92. ADDRESS	93. CITY	94. STATE	95. ZIP
92	92. ADDRESS	93. CITY	94. STATE	95. ZIP	
93	93. CITY	94. STATE	95. ZIP		
94	94. STATE	95. ZIP			
95	95. ZIP				
96	96. FIRM OR AGENCY NAME	97. ADDRESS	98. CITY	99. STATE	100. ZIP
97	97. ADDRESS	98. CITY	99. STATE	100. ZIP	
98	98. CITY	99. STATE	100. ZIP		
99	99. STATE	100. ZIP			
100	100. ZIP				

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

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)

[illegible]

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

Region	Municipality	Q1							Q2	Q3					Q4			Q5	Q5A
		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	Baldwin Borough	Information Not Provided																	
1	Baldwin Township	N	Y	Y	N	Y	Y	Y	Y	5	5	5	5	5	N	Y	Y	Y	N
1	Brentwood Borough	N	Y	Y	Y	Y	Y	Y	Y	4	3	1	2	1	Y	Y	N	Y	Y
1	Bridgeville Borough	Information Not Provided																	
1	Carnegie Borough	Information Not Provided																	
1	Castle Shannon Borough	Information Not Provided																	
1	City of Duquesne	N	Y	Y	Y	Y	N	N	Y	3	1	1	4	3	Y	N	N	Y	N
1	Clairton City	Information Not Provided																	
1	Collier Township	Y	Y	Y	Y	Y	Y	Y	Y	5	5	3	5	4	Y	N	N	Y	Y
1	Coraopolis Borough	N	Y	N	Y	Y	N	N	Y	5	2	1	1	2	Y	Y	N	Y	Y
1	Crafton Borough	N	Y	Y	Y	N	N	N	N	5	3	1	2	1	Y	Y	Y	Y	Y
1	Crescent Township	Y	Y	Y	Y	Y	Y	Y	Y	5	3	2	4	5	Y	Y	Y	Y	Y
1	Dormont Borough	Y	Y	Y	N	Y	Y	N	Y	5	3	4	1	3	N	N	Y	Y	N
1	Dravosburg Borough	N	Y	N	Y	Y	N	N	Y	4	2	1	4	5	Y	Y	Y	Y	N
1	Findlay Township	Y	Y	Y	Y	Y	Y	Y	Y	3	3	3	3	3	N	N	N	Y	Y
1	Green Tree Borough	Information Not Provided																	
1	Heidelberg Borough	Y	Y	N	Y	Y	Y	Y	Y	5	3	2	3	5	N	Y	N	Y	Y
1	Homestead Borough	Y	Y	Y	N	Y	N	N	Y	4	2	1	4	3	Y	Y	Y	Y	N
1	Ingram Borough	N	Y	N	N	Y	N	N	Y	4	2	2	2	4	Y	N	N	Y	Y
1	Jefferson Hills Borough	Information Not Provided																	
1	Kennedy Township	Y	Y	Y	Y	Y	Y	Y	N	5	3	5	5	5	Y	Y	N	Y	Y
1	McDonald Borough	Information Not Provided																	



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

Region	Municipality	Q1							Q2	Q3					Q4			Q5	Q5A
		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	Information Not Provided																	
1	Moon Township	Y	Y	Y	Y	Y	Y	Y	Y	5	3	2	5	4	Y	Y	Y	Y	N
1	Mount Oliver Borough	Y	Y	Y	N	Y	Y	Y	Y	5	4	3	4	5	Y	Y	Y	Y	Y
1	Munhall Borough	Information Not Provided																	
1	Municipality of Bethel Park	Y	Y	Y	Y	Y	Y	Y	Y	5	2	2	4	5	Y	N	Y	Y	Y
1	Municipality of Mount Lebanon	Y	Y	Y	Y	Y	Y	Y	Y	5	3	3	4	4	Y	N	Y	Y	Y
1	Neville Township	Information Not Provided																	
1	North Fayette Township	Y	Y	Y	Y	Y	Y	Y	Y	5	5	5	5	5	Y	Y	Y	Y	Y
1	Oakdale Borough	Information Not Provided																	
1	Pennsbury Village Borough	N	N	N	N	N	N	N	Y	5	4	4	5	5	Y	Y	Y	N	N
1	Pleasant Hills Borough	Y	Y	Y	Y	Y	Y	Y	Y	5	4	3	4	5	Y	Y	Y	Y	Y
1	Robinson Township	Information Not Provided																	
1	Rosslyn Farms Borough	Information Not Provided																	
1	Scott Township	Information Not Provided																	
1	South Fayette Township	Y	Y	Y	Y	Y	Y	N	Y	5	5	5	5	5	Y	Y	Y	Y	N
1	South Park Township	Y	Y	Y	Y	Y	Y	N	Y	5	3	1	3	3	Y	Y	N	Y	Y
1	Stowe Township	Information Not Provided																	
1	Thornburg Borough	Information Not Provided																	
1	Upper St. Clair Township	Y	Y	Y	Y	Y	Y	Y	Y	3	5	4	4	4	Y	Y	Y	Y	Y
1	West Elizabeth Borough	N	N	N	Y	N	N	N	N	5	2	2	5	3	Y	Y	N	Y	N
1	West Homestead Borough	Information Not Provided																	
1	West Mifflin Borough	Y	Y	Y	Y	Y	Y	Y	Y	5	4	4	5	0	Y	Y	Y	Y	N



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

Region	Municipality	Q1							Q2	Q3					Q4			Q5	Q5A
		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	Y	Y	Y	Y	N	N	Y	5	5	5	5	5	Y	Y	N	Y	Y
1	Whitehall Borough	N	Y	Y	N	Y	Y	Y	Y	5	4	2	2	5	Y	N	N	Y	Y
2	Aleppo Township	Information Not Provided																	
2	Aspinwall Borough	N	Y	Y	Y	N	N	N	Y	3	2	1	4	4	Y	Y	Y	Y	N
2	Avalon Borough	Information Not Provided																	
2	Bell Acres Borough	Y	Y	Y	N	Y	Y	Y	Y	2	4	2	4	4	Y	N	Y	Y	Y
2	Bellevue Borough	Information Not Provided																	
2	Ben Avon Borough	N	Y	N	Y	Y	Y	Y	Y	5	4	3	5	5	Y	Y	Y	Y	Y
2	Ben Avon Heights Borough	Information Not Provided																	
2	Blawnox Borough	Information Not Provided																	
2	Brackenridge Borough	Information Not Provided																	
2	Bradford Woods Borough	Y	Y	Y	Y	Y	Y	Y	Y	5	2	2	2	4	Y	Y	N	Y	Y
2	Cheswick Borough	N	Y	Y	Y	Y	Y	Y	Y	5	4	4	3	5	Y	Y	N	Y	N
2	East Deer Township	Information Not Provided																	
2	Edgeworth Borough	Y	Y	Y	Y	Y	Y	Y	Y	5	3	2	4	4	Y	Y	Y	Y	Y
2	Emsworth Borough	Information Not Provided																	
2	Etna Borough	Y	Y	N	Y	Y	Y	Y	Y	5	4	3	5	5	Y	Y	N	Y	Y
2	Fawn Township	Information Not Provided																	
2	Fox Chapel Borough	Y	Y	Y	Y	Y	Y	Y	Y	4	2	4	4	1	Y	N	N	Y	Y
2	Franklin Park Borough	Y	Y	Y	Y	Y	Y	Y	Y	4	3	4	3	2	Y	N	N	Y	N
2	Frazer Township	Y	Y	Y	Y	Y	Y	Y	Y	5	5	5	5	5	N	N	Y	Y	N
2	Glen Osborne Borough	Y	Y	Y	Y	Y	Y	Y	Y	5	4	4	5	5	Y	Y	Y	Y	Y



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

Region	Municipality	Q1							Q2	Q3					Q4			Q5	Q5A
		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	Information Not Provided																	
2	Hampton Township	Y	Y	Y	Y	Y	Y	N	Y	5	4	3	5	5	Y	Y	Y	Y	Y
2	Harmar Township	Y	Y	Y	Y	Y	Y	Y	Y	5	5	5	5	5	Y	Y	Y	Y	
2	Harrison Township	Y	Y	Y	Y	Y	Y	Y	Y	5	4	2	3	3	N	N	Y	Y	N
2	Haysville Borough	Information Not Provided																	
2	Indiana Township	Information Not Provided																	
2	Kilbuck Township	Information Not Provided																	
2	Leet Township	Information Not Provided																	
2	Leetsdale Borough	Information Not Provided																	
2	Marshall Township	Y	Y	Y	Y	Y	Y	Y	Y	5	4	4	5	4	Y	N	N	Y	Y
2	McCandless Township	Y	Y	Y	Y	Y	Y	Y	Y	5	4	4	4	5	Y	Y	Y	Y	Y
2	Millvale Borough	Information Not Provided																	
2	O'Hara Township	Y	Y	Y	N	Y	N	N	Y	4	4	2	4	4	Y	N	N	Y	Y
2	Ohio Township	Y	Y	Y	Y	Y	N	N	Y	2	2	2	2	4	Y	Y	N	Y	Y
2	Pine Township	Information Not Provided																	
2	Reserve Township	N	Y	N	Y	Y	Y	N	Y	5	5	5	5	5	N	Y	N	Y	Y
2	Richland Township	Information Not Provided																	
2	Ross Township	Information Not Provided																	
2	Sewickley Borough	Y	Y	Y	Y	Y	Y	Y	Y	4	3	4	5	5	Y	Y	N	Y	Y
2	Sewickley Heights Borough	Y	Y	Y	Y	Y	Y	N	Y	5	5	5	5	5	N	N	Y	Y	N
2	Sewickley Hills Borough	Information Not Provided																	
2	Shaler Township	N	Y	Y	Y	Y	Y	Y	Y	5	4	3	4	5	Y	Y	Y	Y	Y



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

Region	Municipality	Q1							Q2	Q3					Q4			Q5	Q5A
		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	Sharpsburg Borough	N	Y	Y	Y	N	N	N	N	5	5	4	5	5	Y	Y	Y	Y	Y
2	Springdale Borough	Information Not Provided																	
2	Springdale Township	Information Not Provided																	
2	Tarentum Borough	Y	Y	N	N	N	N	N	Y	5	5	4	5	5	Y	Y	Y	Y	N
2	West Deer Township	Y	Y	Y	Y	Y	Y	Y	Y	4	3	2	3	4	Y	Y	N	Y	N
2	West View Borough	N	Y	Y	Y	Y	N	N	Y	4	3	1	5	5	Y	Y	Y	Y	N
3	Braddock Borough	N	Y	N	Y	N	N	N	Y	4	2	1	1	5	Y	Y	Y	Y	N
3	Braddock Hills Borough	N	Y	Y	Y	Y	Y	Y	Y	5	3	3	5	4	Y	Y	Y	Y	N
3	Chalfant Borough	N	Y	N	Y	Y	N	N	Y	3	1	1	4	4	Y	Y	Y	Y	N
3	Churchill Borough	Information Not Provided																	
3	City of McKeesport	Information Not Provided																	
3	East McKeesport Borough	N	Y	N	N	Y	N	N	Y	5	3	1	5	1	N	Y	N	Y	N
3	East Pittsburgh Borough	Y	Y	N	Y	Y	N	N	Y	3	2	1	2	5	Y	N	N	Y	N
3	Edgewood Borough	Y	Y	Y	N	Y	Y	Y	Y	4	5	4	4	4	Y	N	N	Y	Y
3	Elizabeth Borough	Information Not Provided																	
3	Elizabeth Township	N	Y	Y	Y	Y	Y	Y	Y	5	5	5	5	5	Y	Y	Y	Y	N
3	Forest Hills Borough	Y	Y	Y	Y	Y	Y	Y	Y	5	4	2	3	4	Y	Y	N	Y	Y
3	Forward Township	Information Not Provided																	
3	Glassport Borough	Information Not Provided																	
3	Liberty Borough	N	Y	Y	Y	N	N	N	Y	5	1	1	4	4	Y	Y	Y	Y	N
3	Lincoln Borough	N	Y	Y	Y	Y	Y	N	Y	4	3	4	5	4	N	Y	N	Y	N
3	Municipality of Monroeville	Y	Y	Y	Y	Y	Y	Y	Y	5	3	3	3	4	Y	Y	Y	Y	N



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

Region	Municipality	Q1							Q2	Q3					Q4			Q5	Q5A
		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	Information Not Provided																	
3	North Braddock Borough	Y	Y	N	Y	Y	N	N	Y	3	2	1	3	5	Y	Y	Y	Y	N
3	North Versailles Township	N	Y	Y	Y	Y	N	N	Y	5	3	1	5	5	Y	Y	Y	Y	N
3	Oakmont Borough	Y	Y	Y	Y	Y	Y	Y	Y	5	4	2	5	5	Y	Y	Y	Y	Y
3	Pitcairn Borough	N	Y	N	N	N	N	N	Y	4	5	3	3	5	Y	Y	Y	Y	Y
3	Plum Borough	Y	Y	Y	Y	Y	Y	Y	Y	5	3	3	5	4	Y	Y	N	Y	N
3	Port Vue Borough	Information Not Provided																	
3	Rankin Borough	Information Not Provided																	
3	South Versailles Township	Information Not Provided																	
3	Swissvale Borough	N	Y	Y	Y	Y	N	N	Y	5	3	1	5	3	Y	Y	Y	Y	N
3	Trafford Borough	N	Y	Y	Y	Y	N	N	Y	4	2	1	4	5	Y	Y	Y	Y	N
3	Turtle Creek Borough	Information Not Provided																	
3	Verona Borough	Y	Y	Y	Y	N	N	Y	Y	4	4	4	2	3	N	Y	N	Y	Y
3	Versailles Borough	Y	Y	N	Y	Y	N	N	Y	5	3	2	3	5	Y	N	Y	Y	N
3	Wall Borough	Information Not Provided																	
3	White Oak Borough	Information Not Provided																	
3	Wilkins Township	Y	Y	Y	Y	Y	Y	Y	Y	5	5	5	5	5	N	Y	Y	Y	N
3	Wilkesburg Borough	Y	Y	Y	Y	Y	N	N	Y	5	3	2	5	3	Y	Y	Y	Y	Y
3	Wilmerding Borough	N	Y	N	Y	Y	N	N	Y	4	1	1	5	5	Y	Y	Y	Y	N
ALL	City of Pittsburgh	N	Y	Y	Y	Y	N	Y	N	4	4	4	3	3	N	Y	N	Y	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
P3	2	Ben Avon Heights Borough	Flooding and accelerated erosion
P4	2	Bradford Woods Borough	Flooding
P5			Flooding of private property
P6			Flooding, accelerated erosion, and sedimentation
P7			Sedimentation and water pollution of local pond
P8			Sedimentation from runoff deposits onto private property
P9	2	Cheswick Borough	Groundwater infiltration into sanitary sewer
P10	ALL	City of Pittsburgh	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			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	1	Coraopolis Borough	Roadway flooding
P39			Roadway flooding
P40			Roadway flooding
P41			Roadway flooding
P42			Surface flooding
P43			Surface flooding and erosion of ditch lines
P44			Surface flooding due to downstream culvert capacity



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

Point ID	Region	Municipality	Description
P45	1	Coraopolis Borough	Surface flooding due to erosion and sedimentation from stream
P46			Surface flooding due to plugged roadway culvert
P47	1	Crescent Township	Streambank erosion causing roadway shoulder and bank to move
P48			Flooding
P49			Roadway flooding
P50			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	2	Edgeworth Borough	Accelerated erosion and sedimentation within stream
P57			Accelerated erosion and sedimentation within stream
P58			Flooding
P59			Flooding and accelerated erosion
P60			Flooding, accelerated erosion, and sedimentation
P61	2	Etna Borough	Flooding and sedimentation
P62			Flooding and sedimentation build-up at culvert inlet
P63			Flooding, accelerated erosion, and sedimentation
P64			Groundwater causing basement flooding
P65			Roadway flooding
P66			Roadway flooding
P67	1	Findlay Township	Flooding
P68			Flooding
P69			Flooding and sedimentation
P70	3	Forest Hills Borough	Roadway flooding
P71	2	Franklin Park Borough	Roadway flooding
P72	2	Glen Osborne Borough	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			Accelerated erosion of fill area
P77			Flooding
P78			Flooding and accelerated erosion
P79			Flooding and accelerated erosion
P80			Groundwater
P81	2	Hampton Township	Flooding
P82			Flooding
P83			Flooding
P84			Flooding
P85	1	Jefferson Hills Borough	Flooding
P86			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	1	Jefferson Hills Borough	Landslide along roadway
P90			Water pollution and flooding
P91			Water pollution and flooding
P92	1	Kennedy Township	Flooding
P93			Landslide
P94	2	Marshall Township	Flooding
P95	1	Moon Township	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			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	1	Municipality of Bethel Park	Future stormwater compliance issues
P124			Future stormwater compliance issues
P125	3	Municipality of Monroeville	Discharge location of storm sewer polluted with mine drainage
P126			Flooding caused by bridge collapse
P127			Roadway and property flooding
P128			Roadway flooding
P129			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	3	Municipality of Monroeville	Roadway flooding caused by failing storm sewer pipe
P134			Roadway flooding, accelerated erosion, and sedimentation
P135	1	Municipality of Mount Lebanon	Flooding due to collection capacity issues
P136			Flooding due to collection capacity issues
P137			Flooding due to collection capacity issues
P138			Flooding
P139			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	1	North Fayette Township	Flooding
P144			Flooding and sedimentation
P145			Flooding from stormwater runoff
P146			Stream sedimentation restricting flow
P147			Stream sedimentation restricting flow
P148	2	O'Hara Township	Flooding
P149			Flooding, accelerated erosion, sedimentation, and landslide
P150			Landslide
P151			Sedimentation from unnamed tributary to Squaw Run
P152	1	Scott Township	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			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	2	Shaler Township	Accelerated erosion and sedimentation
P178			Accelerated erosion and sedimentation
P179			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	1	South Fayette Township	Accelerated Erosion
P184			Accelerated erosion of collection ditch
P185			Flooding
P186			Flooding
P187			Flooding
P188			Flooding
P189			Flooding
P190			Flooding
P191			Flooding
P192			Flooding
P193			Flooding
P194			Flooding
P195			Flooding
P196			Flooding
P197			Flooding
P198			Flooding
P199	1	South Park Township	Flooding
P200			Flooding, sedimentation, low bridges
P201	2	Tarentum Borough	Flooding along Bull Creek from SR 28 to Railroad Bridge
P202	3	Turtle Creek Borough	Roadway flooding
P203			Roadway flooding
P204	2	West Deer Township	Basement flooding
P205			Roadway flooding along Route 910
P206			Roadway flooding along Saxonburg Boulevard



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

Region	Municipality	Description
1	Baldwin Borough	Roadway flooding
2	Bell Acres Borough	Roadway flooding
1	Carnegie Borough	Roadway flooding
3	Churchill Borough	Basement flooding
		Flooding
		Flooding
ALL	City of Pittsburgh	Roadway flooding
		Roadway flooding caused by limited stream capacity
		Roadway flooding caused by limited stream capacity
		Roadway flooding caused by limited stream capacity
1	Collier Township	Roadway flooding caused by limited stream capacity
3	Elizabeth Township	Roadway flooding
		Roadway flooding
3	Forward Township	Accelerated erosion
		Accelerated erosion
2	Hampton Township	Roadway flooding
1	Jefferson Hills Borough	Accelerated erosion
2	Marshall Township	Stream bank flooding
2	McCandless Township	Flooding
1	Moon Township	Stormwater discharge from school floods residential properties
3	Municipality of Monroeville	Roadway flooding
		Roadway flooding
3	Municipality of Penn Hills	Landslide along Coal Hollow Road
		Landslide along Old William Penn Highway
		Roadway flooding
		Roadway flooding
		Roadway flooding
		Roadway flooding
		Roadway flooding
1	North Fayette Township	New development failing to maintain BMPs causing flooding
2	O'Hara Township	Roadway flooding due to lack of drainage facilities
1	Pleasant Hills Borough	Roadway Flooding
3	Plum Borough	Accelerated erosion on unnamed tributary to Abers Creek
		Accelerated stream bank erosion along Plum Creek
		Flooding
		Flooding
		Residential flooding at Kirk Drive
		Roadway and residential flooding
		Roadway flooding
		Roadway flooding
		Roadway flooding
		Various stormwater issues due to inadequate infrastructure
3	Rankin Borough	Flooding



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
1	South Park Township	Roadway flooding caused by limited stream capacity
		Cement blocks and debris in stream cause residential flooding
		Stormwater runoff resulting in residential flooding
2	Springdale Township	Roadway flooding
1	West Mifflin Borough	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
		Flooding
		Flooding
		Landslide
		Landslide
		Landslide between Webster Avenue and Glenly 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
		Accelerated erosion
3	Wilkins Township	Flooding
		Flooding
		Flooding
		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	Occurrences 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	Causes of Problems	Occurrences of Problems	Types of Damage	Region
	(A)	(B)	(C)	(D)	
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	Occurrences 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	Occurrences 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
Wilkesburg 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 occurred 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)

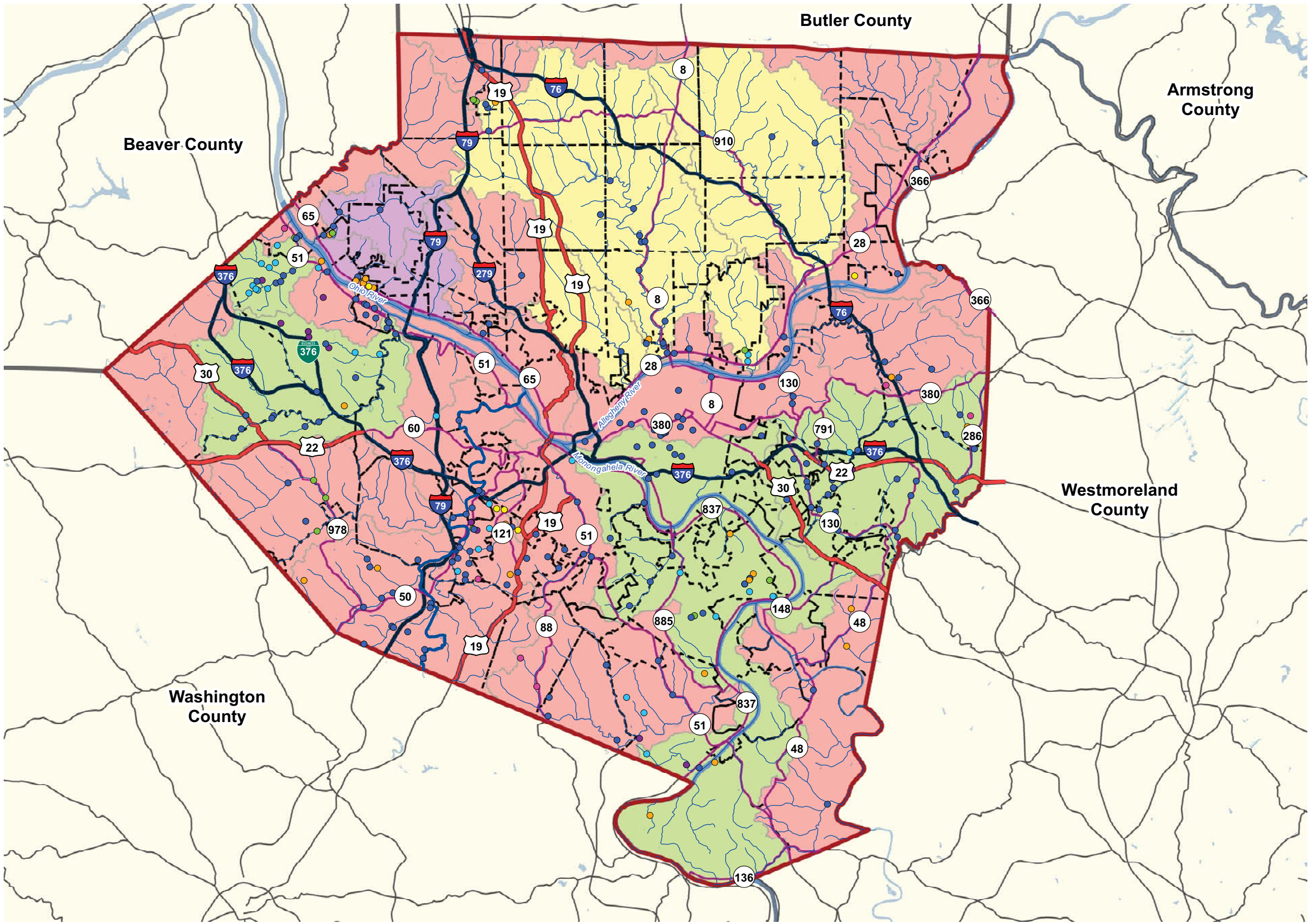
1. Loss of life
2. Loss of vital services
3. Property damage



APPENDIX F
Problem Area Identification Maps

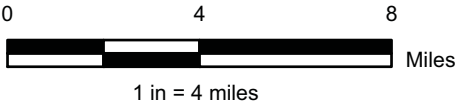
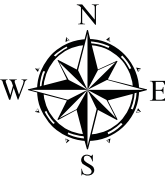
**Allegheny County Act 167 &
Stormwater Problem Area Map**

Allegheny County Act 167 & Stormwater Problem Area Map



LEGEND

- Interstate Highway
- State Highway
- US Federal Highway
- ACT 167 Plan Completed
- ACT 167 Plan Being Updated
- ACT 167 Under Preparation
- No ACT 167 Plan
- Allegheny County Boundary
- Bordering Counties
- Municipal Boundary
- Streams
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution



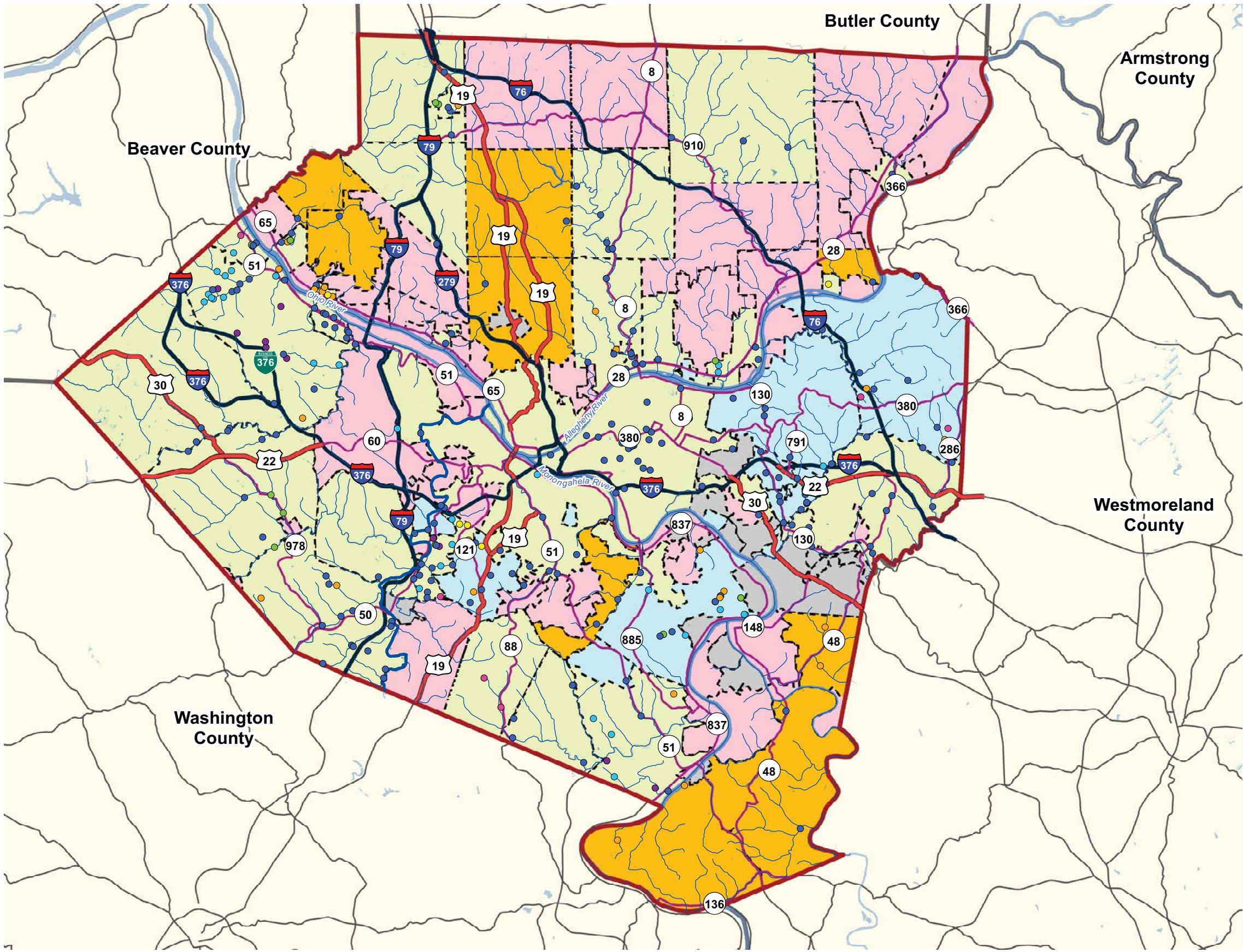
DATA SOURCES

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



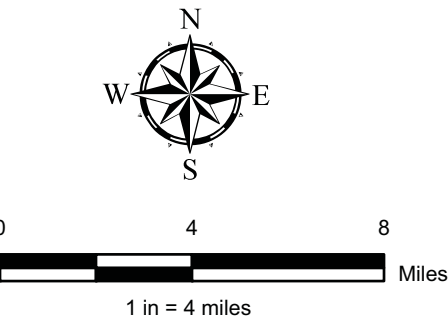
Municipal Participation Map – Allegheny County

Municipal Participation - Problem Areas



LEGEND

- Interstate Highway
 - State Highway
 - US Federal Highway
 - Streams
 - Allegheny County Boundary
 - Bordering Counties
 - Stormwater Information Provided
 - No Indicated Stormwater Problems
 - Incomplete Stormwater Information Provided
 - Incomplete Stormwater Information Provided by Others
 - No Stormwater Information Provided By Municipality
- Stormwater Problem Area Type**
- Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution



DATA SOURCES

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

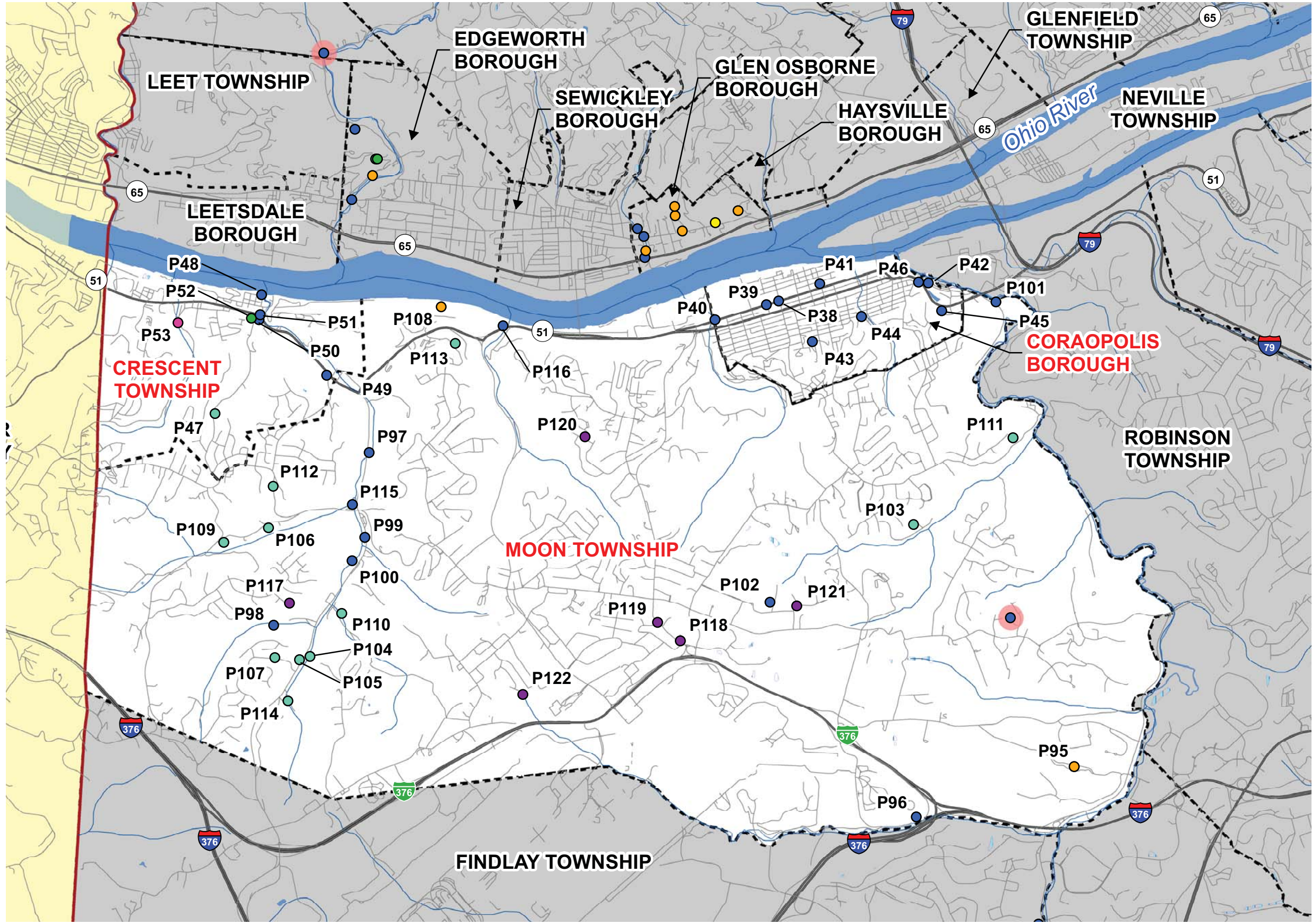
Baker

Problem Area Identification Maps

Region 1

Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

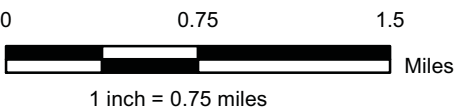


MUNICIPALITIES

Coraopolis Borough
Crescent Township
Moon Township

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



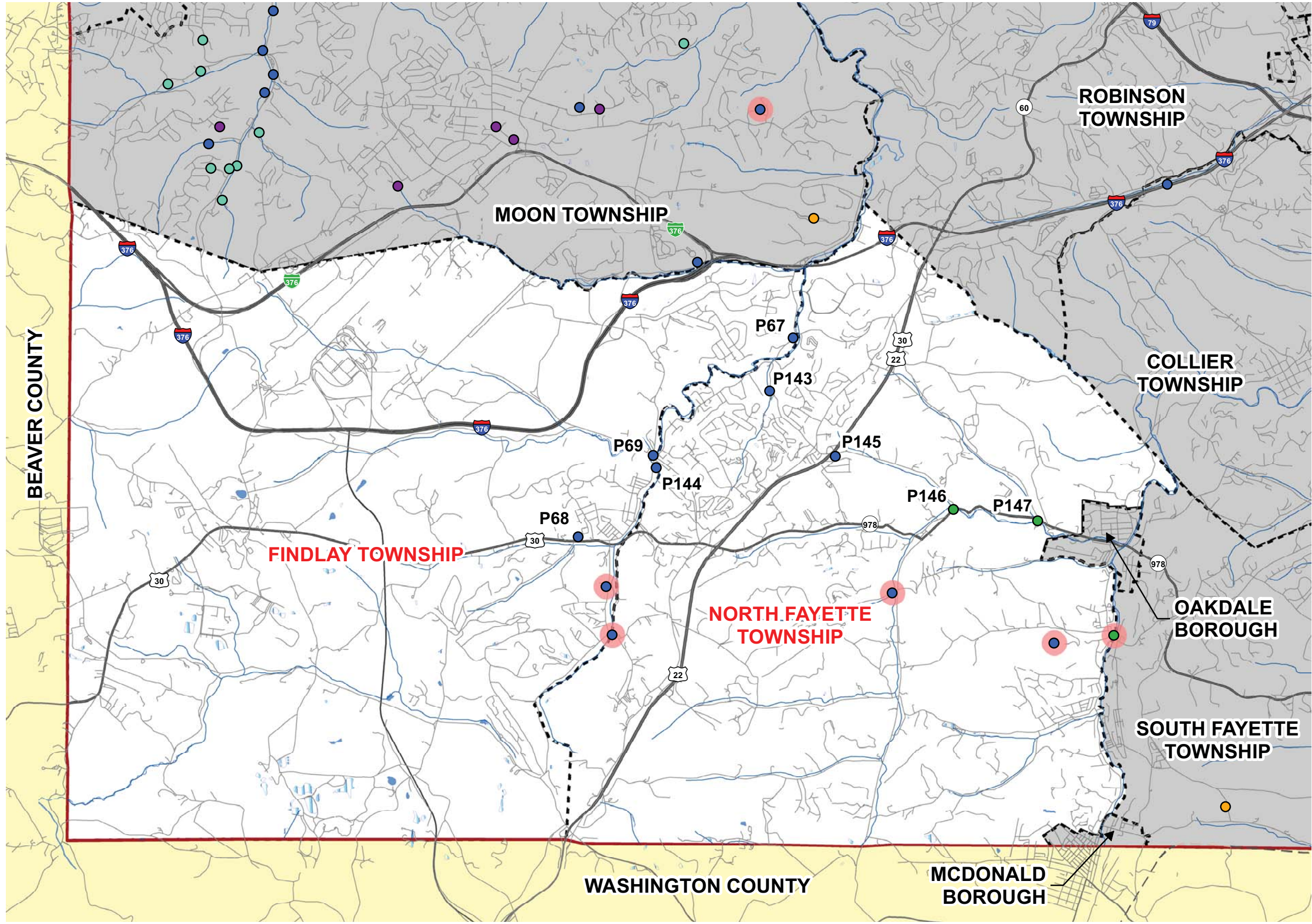
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

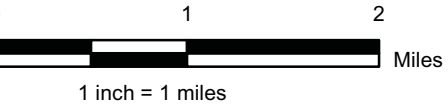


MUNICIPALITIES

Findlay Township
North Fayette Township

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



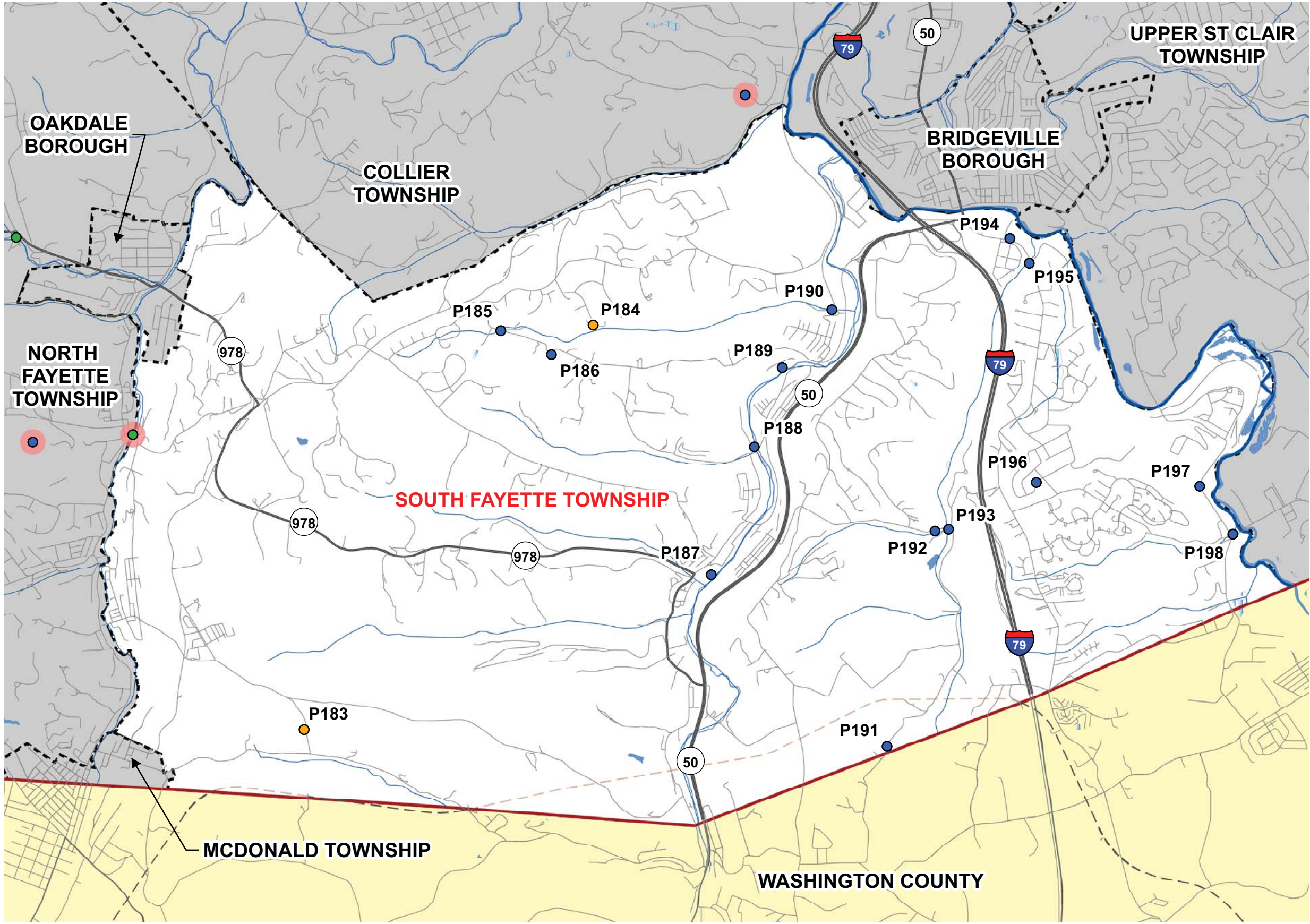
DATA SOURCES

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



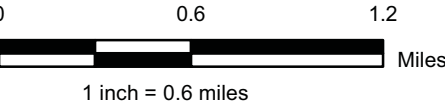
Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan



MUNICIPALITIES
South Fayette Township

- LEGEND**
- Streams
 - Major Roadways
 - Allegheny County Boundary
 - Rivers, Streams, Lakes, and Ponds
 - Reservoirs
 - Municipality Boundary
 - Wetlands (National Wetlands Inventory)
 - Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area

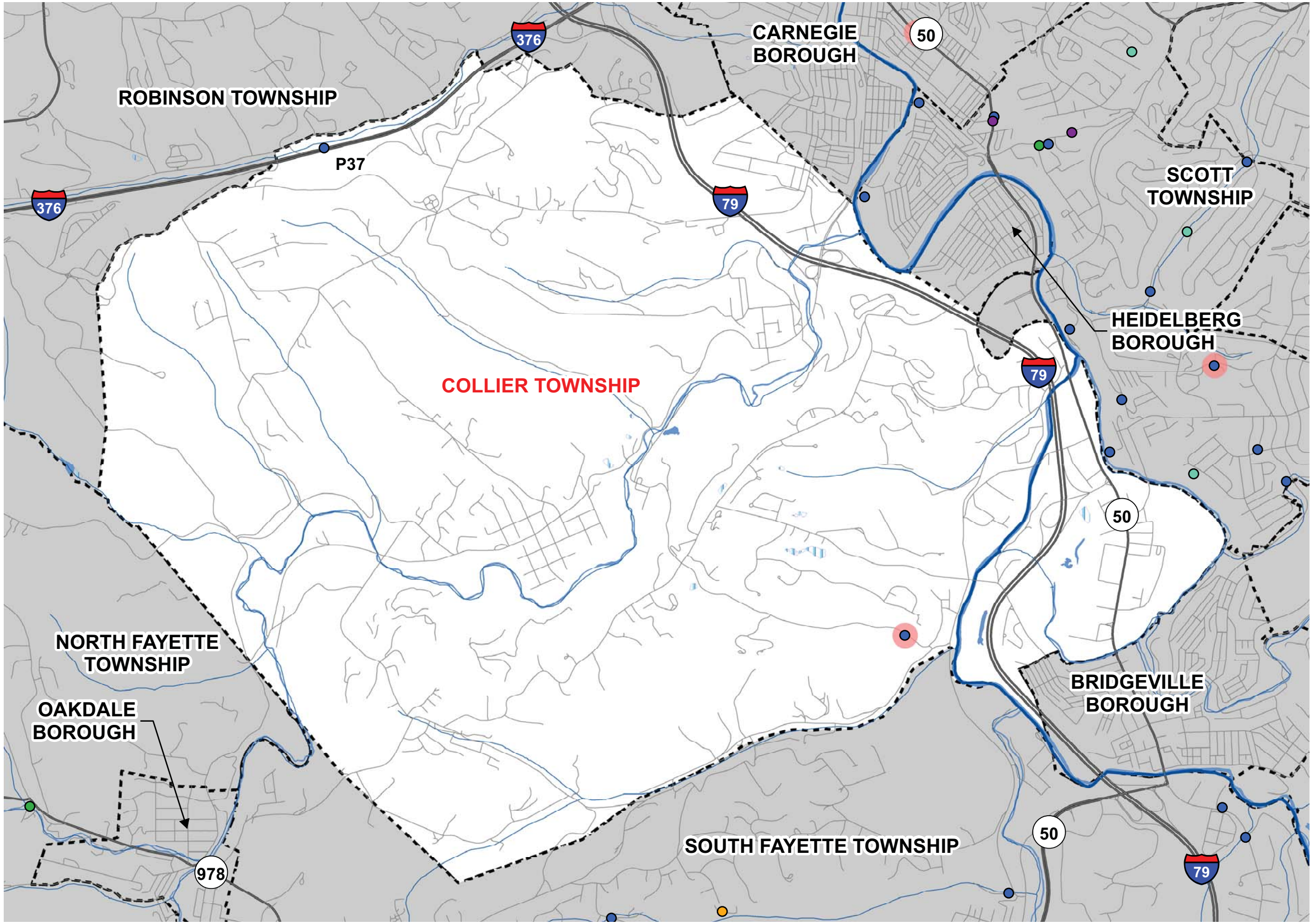


DATA SOURCES
Allegheny County
Pennsylvania Department of Transportation
Pennsylvania Turnpike Commission
National Hydrography Dataset



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

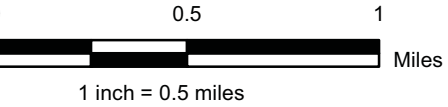


MUNICIPALITIES

Collier Township

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



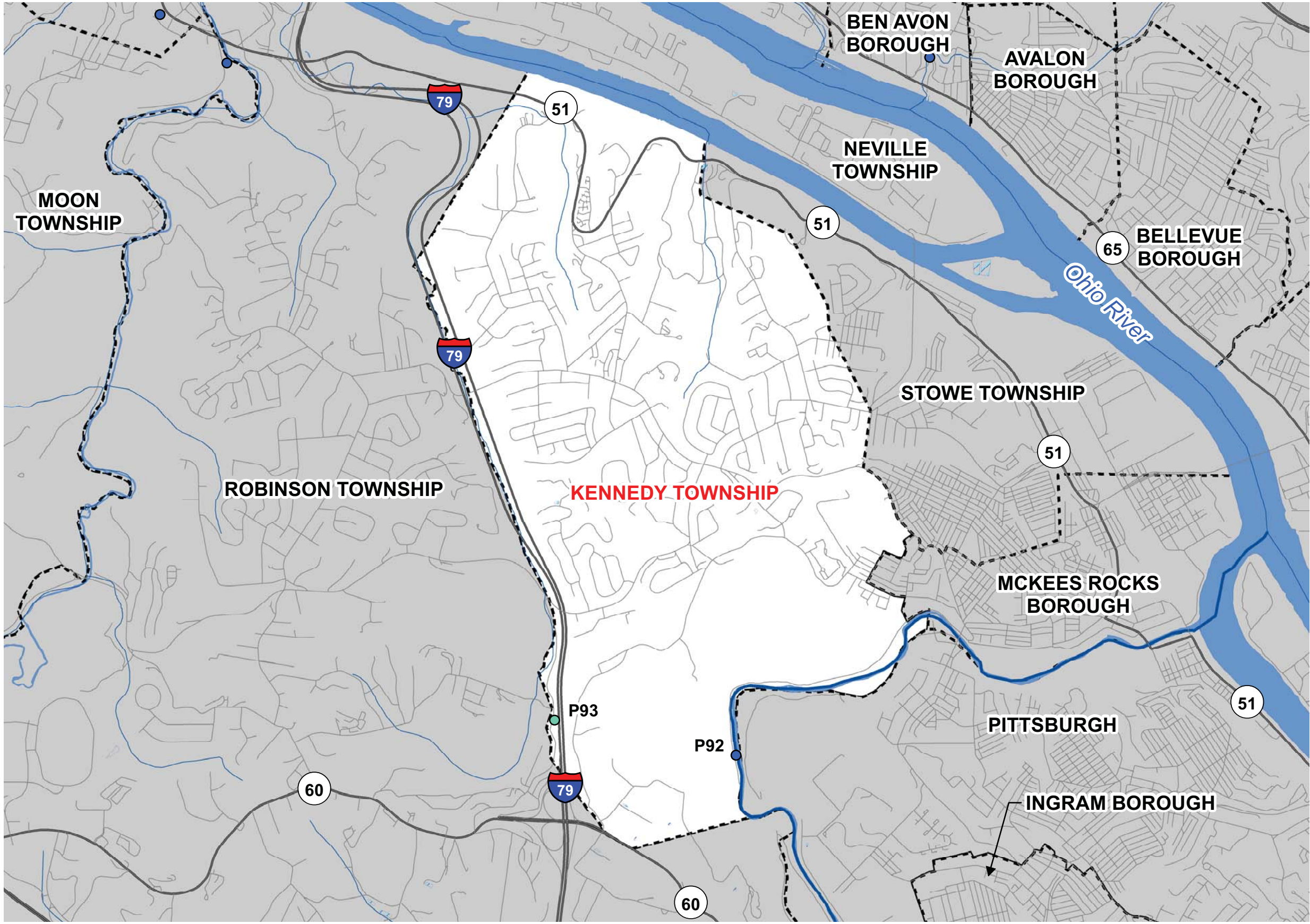
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

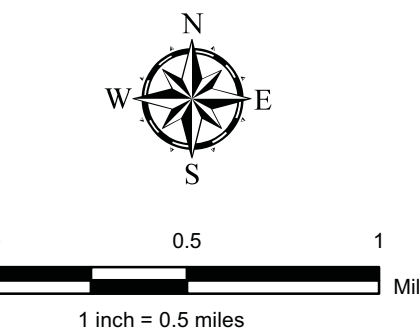


MUNICIPALITIES

Kennedy Township

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



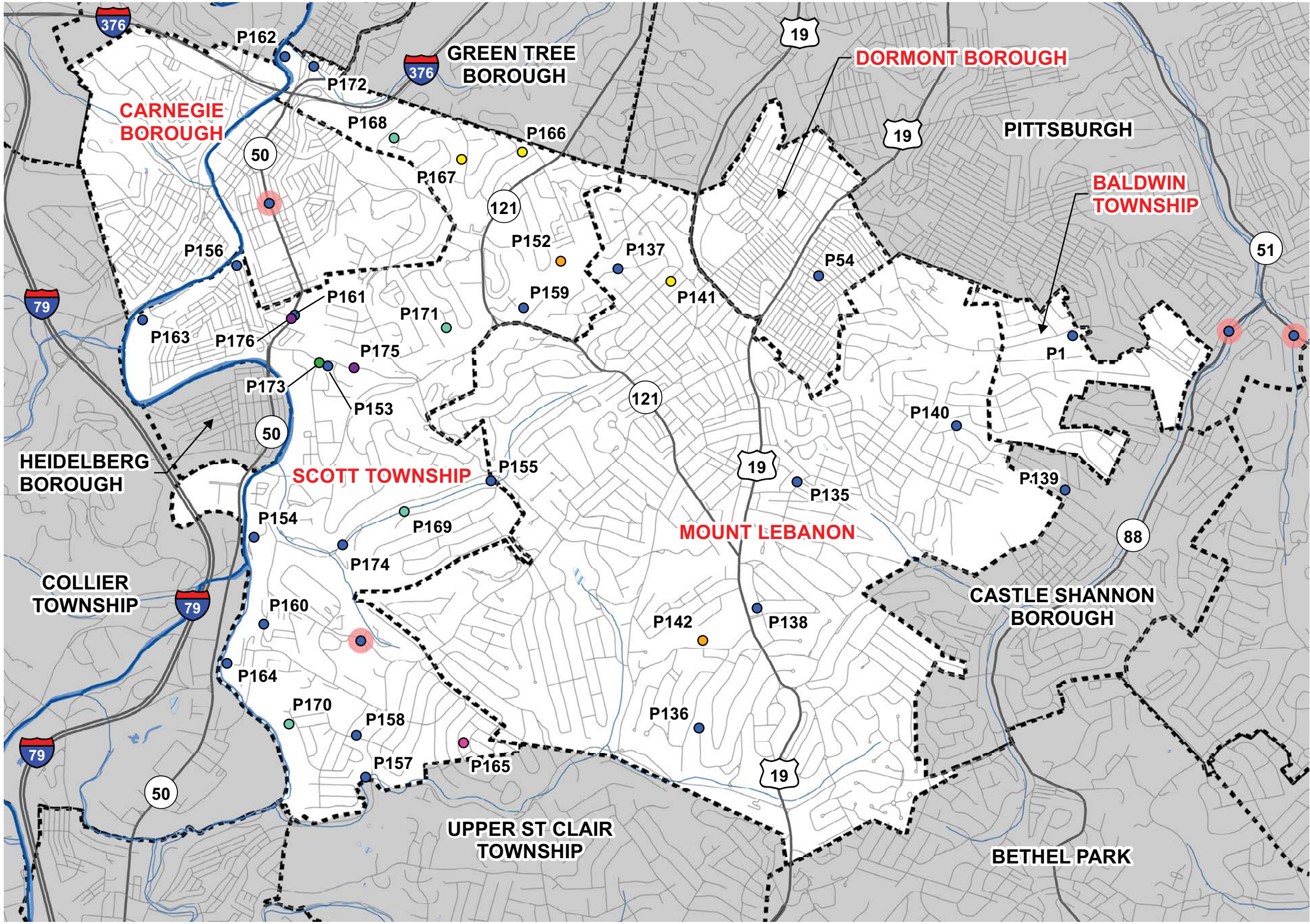
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

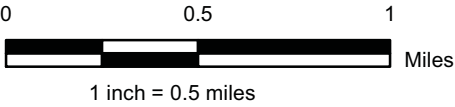


MUNICIPALITIES

- Baldwin Township
- Carnegie Borough
- Dormont Borough
- Mount Lebanon
- Scott Township

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



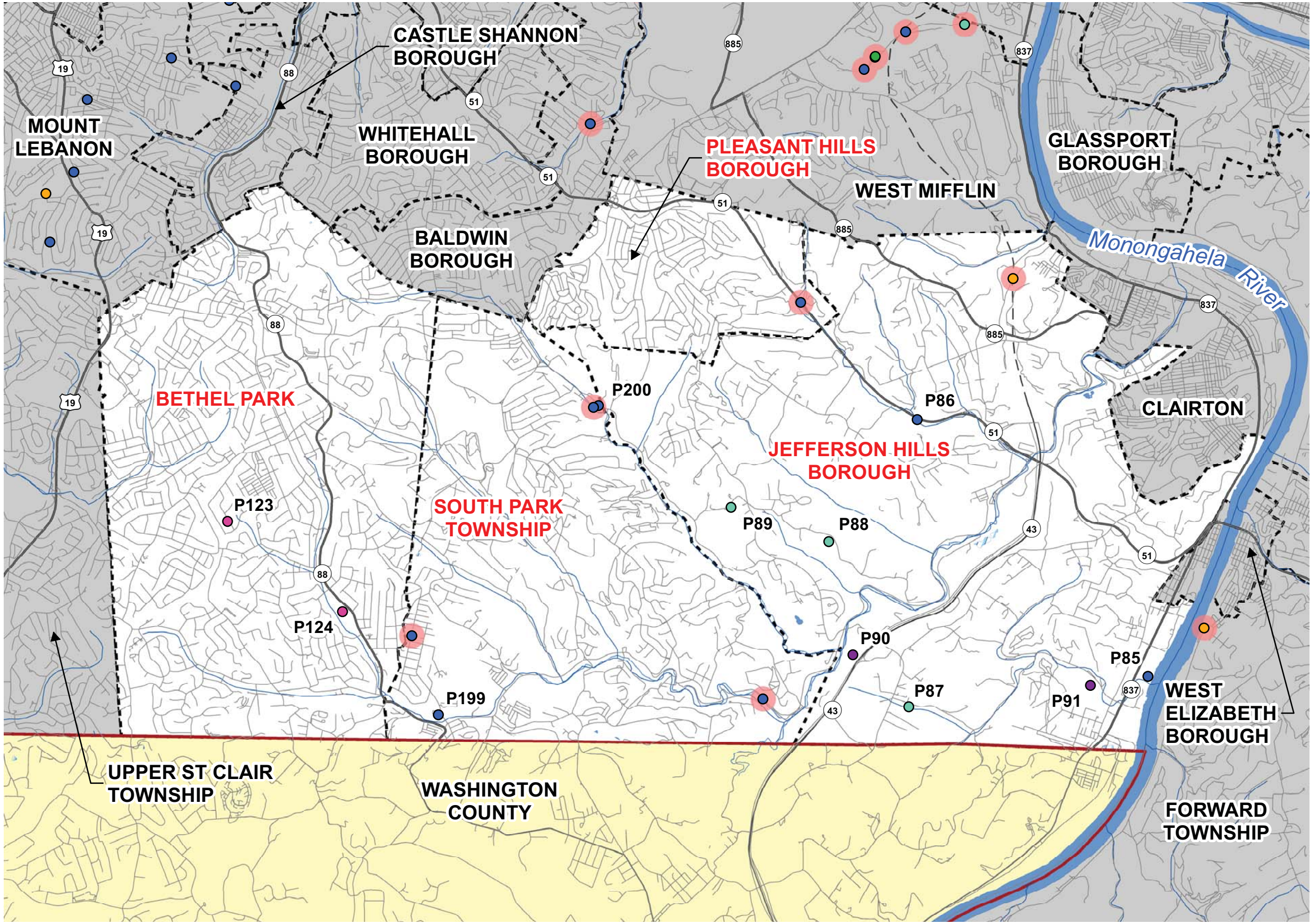
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

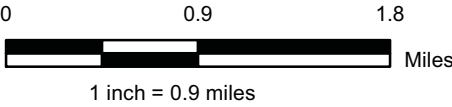


MUNICIPALITIES

Bethel Park
Jefferson Hills Borough
Pleasant Hills Borough
South Park Township

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



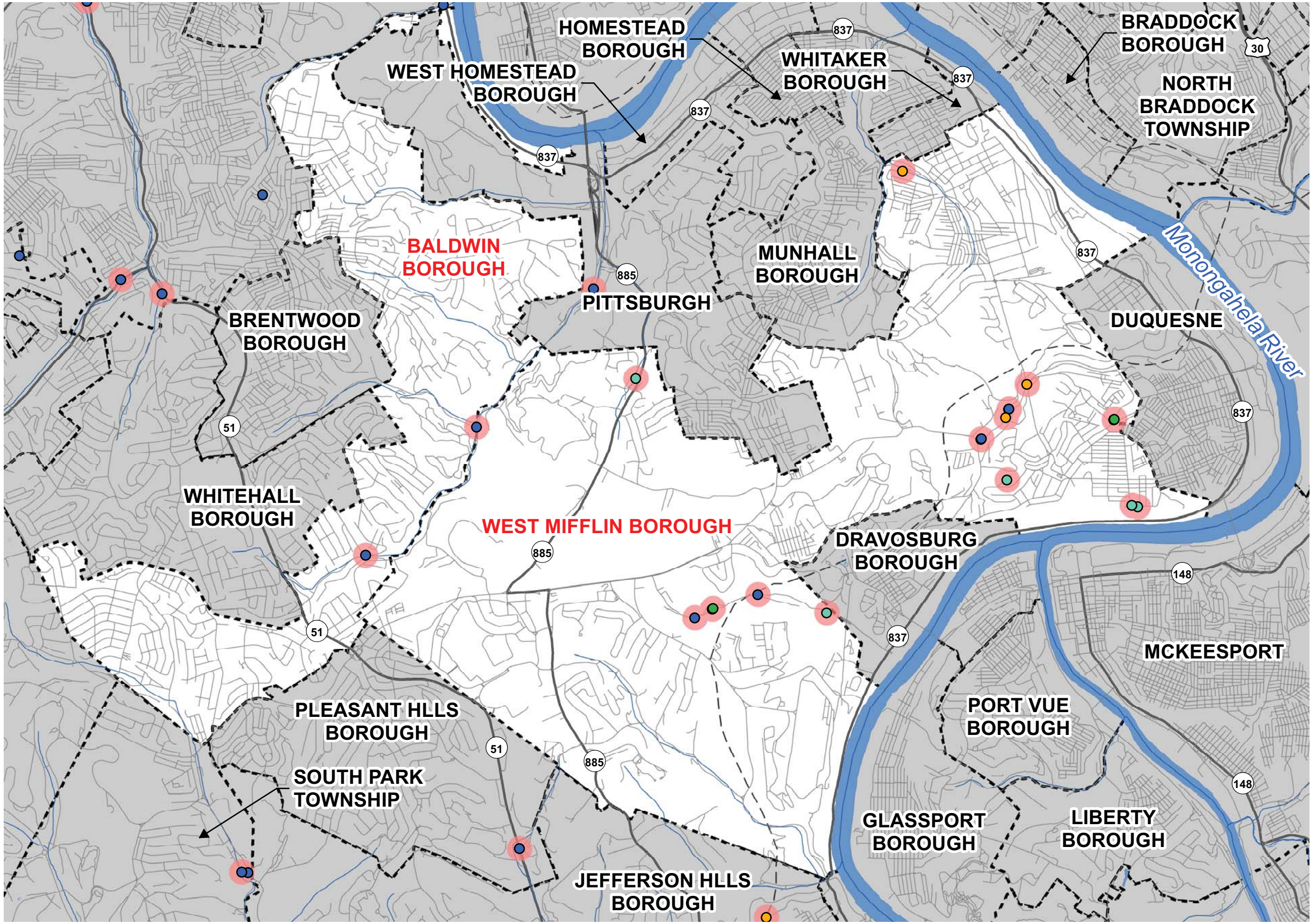
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

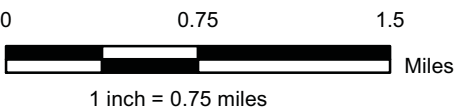


MUNICIPALITIES

Baldwin Borough
West Mifflin Borough

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



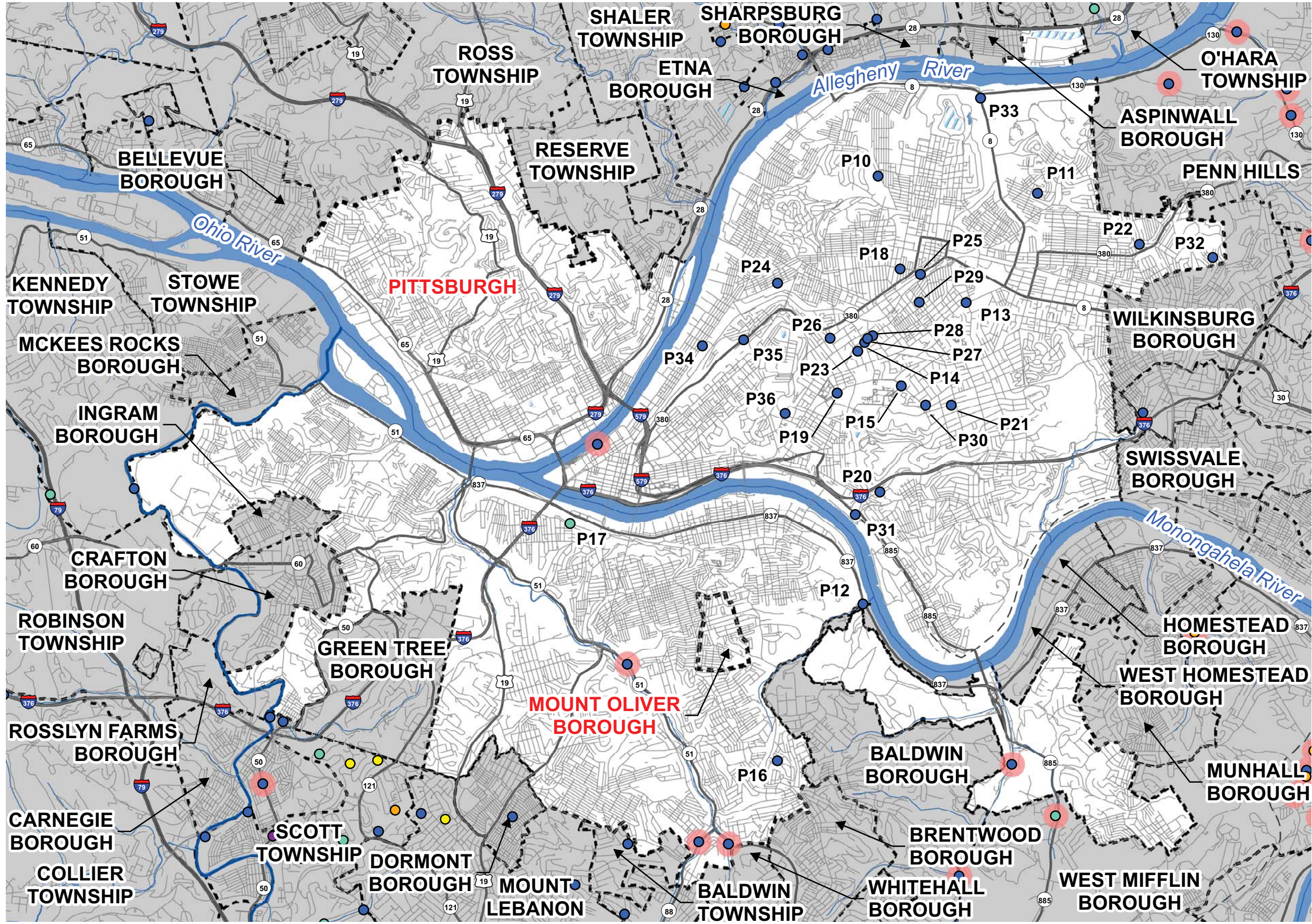
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan



MUNICIPALITIES

Mount Oliver Borough
Pittsburgh

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



DATA SOURCES

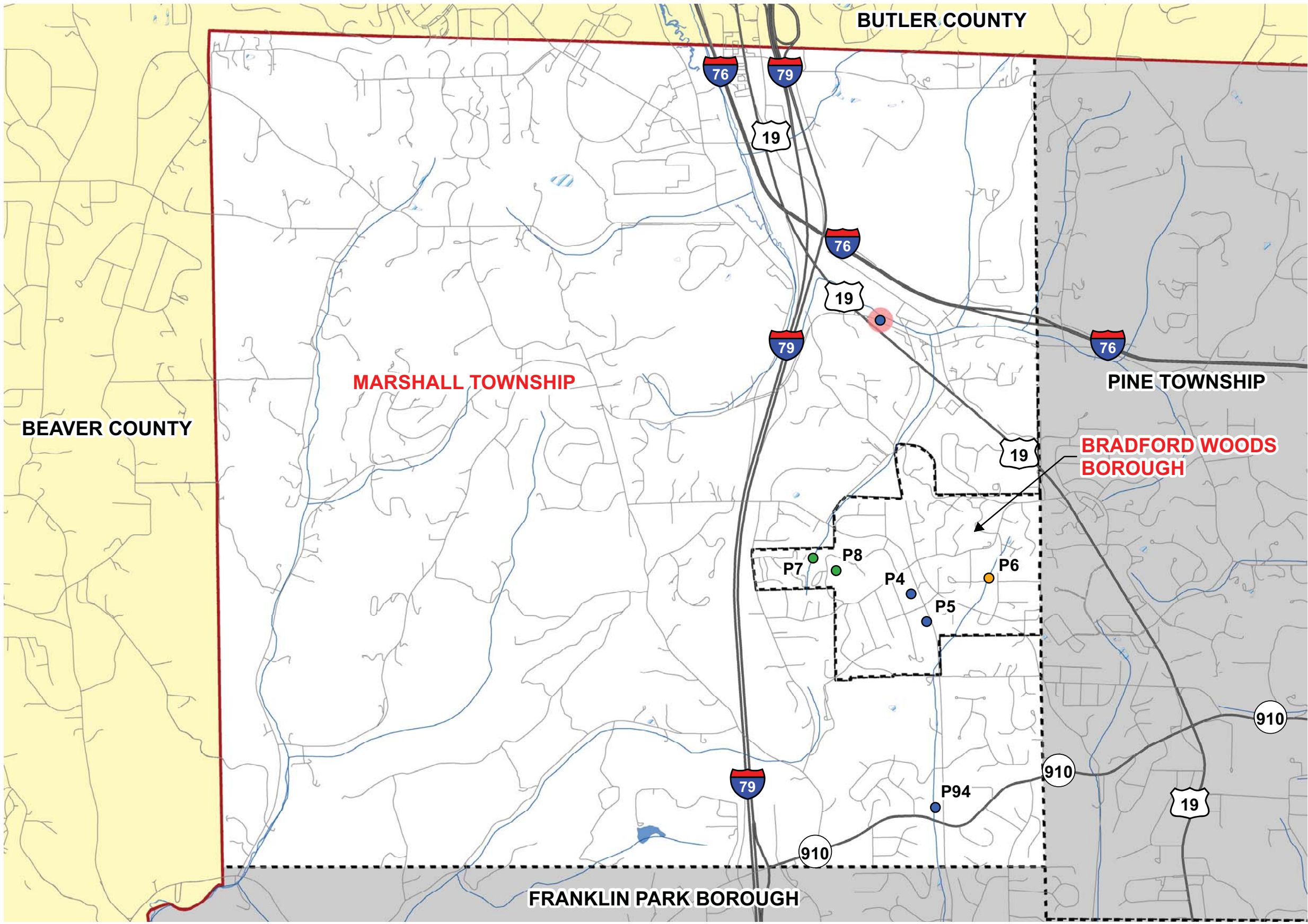
Allegheny County
Pennsylvania Department of Transportation
Pennsylvania Turnpike Commission
National Hydrography Dataset



Problem Area Identification Maps Region 2

Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

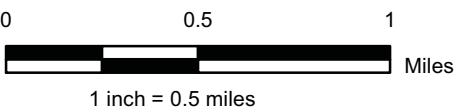


MUNICIPALITIES

Bradford Woods Borough
Marshall Township

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



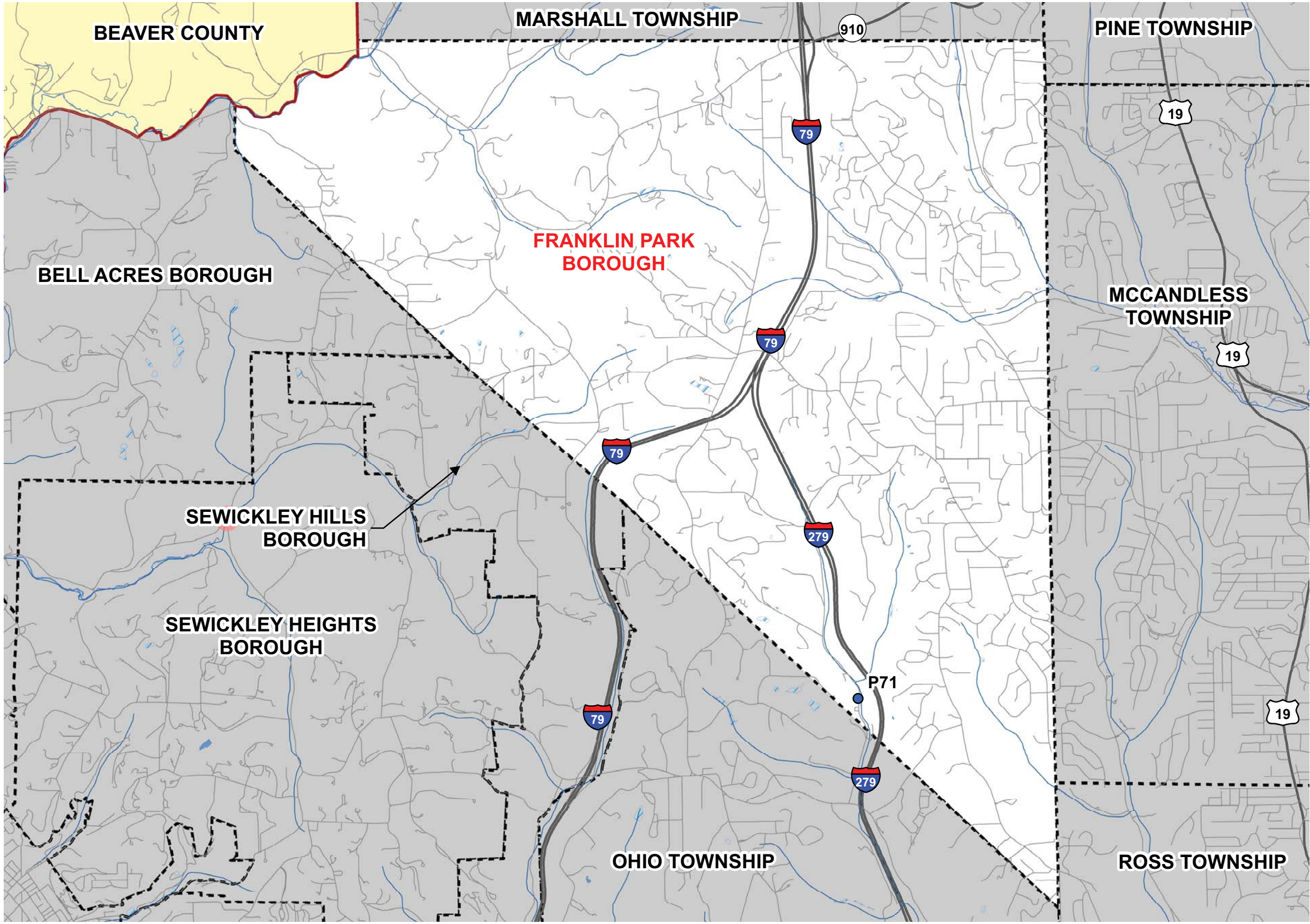
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

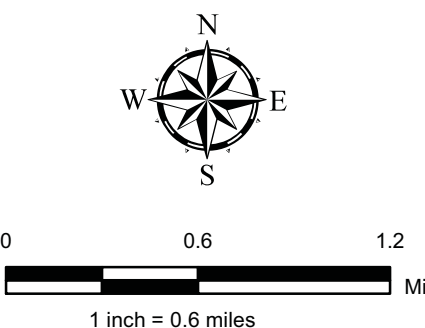


MUNICIPALITIES

Franklin Park Borough

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



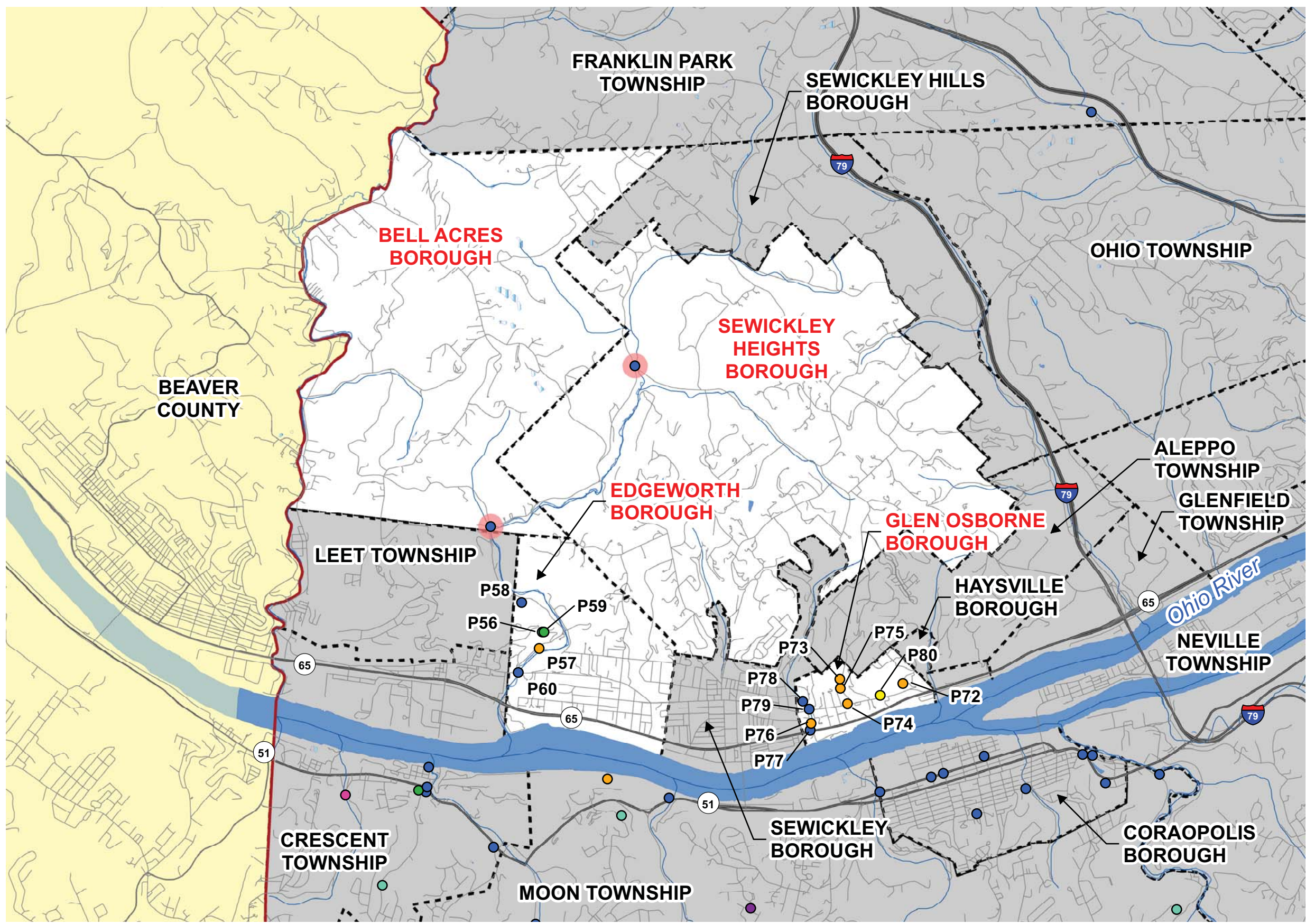
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

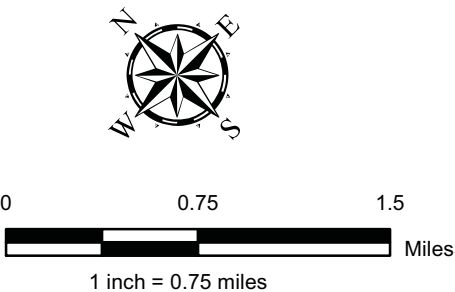


MUNICIPALITIES

Bell Acres Borough
Edgeworth Borough
Glen Osborne Borough
Sewickley Heights
Borough

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



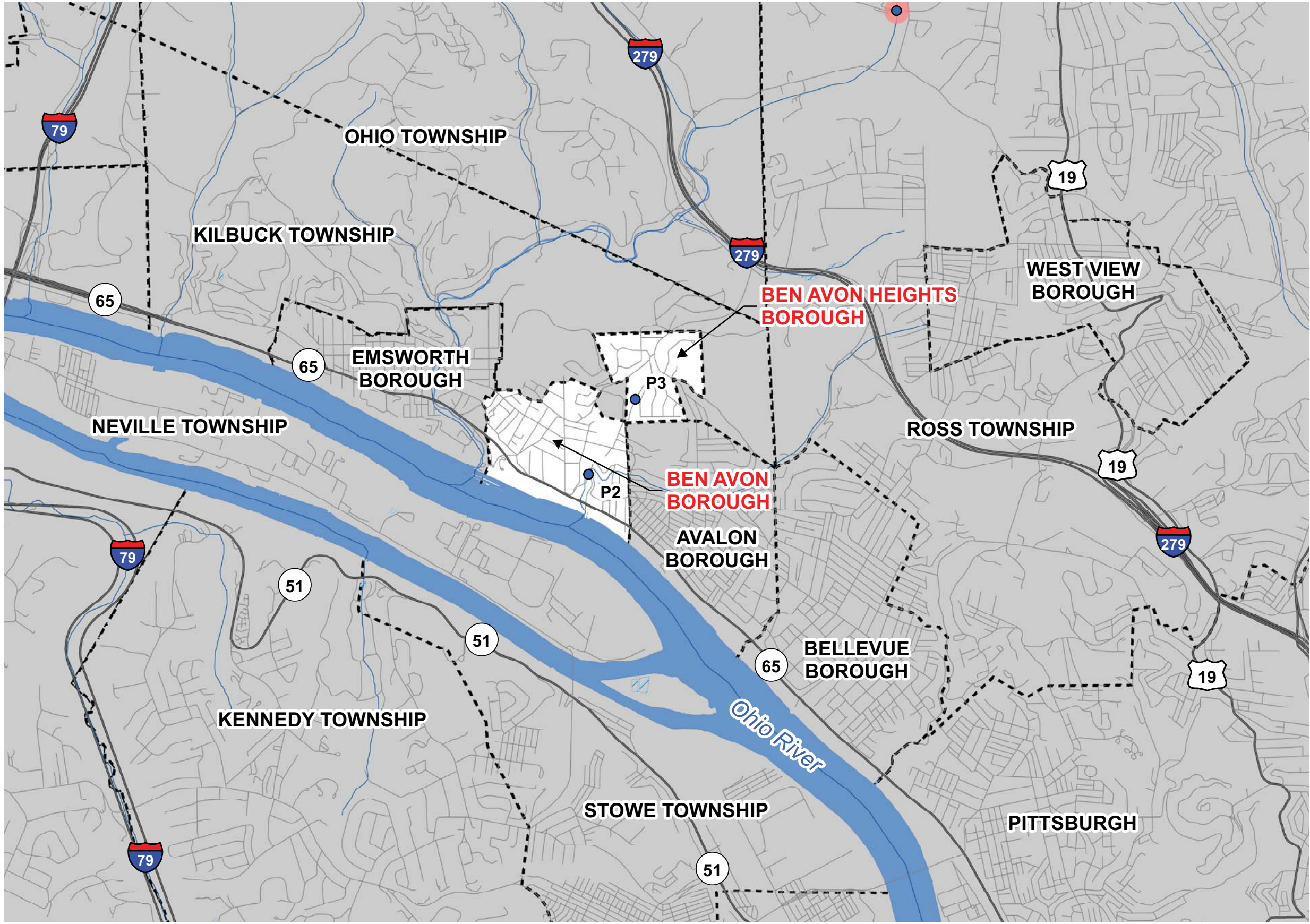
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

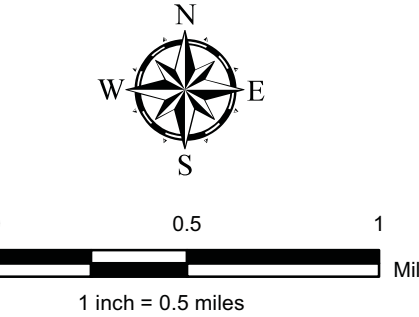


MUNICIPALITIES

Ben Avon Borough
Ben Avon Heights
Borough

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



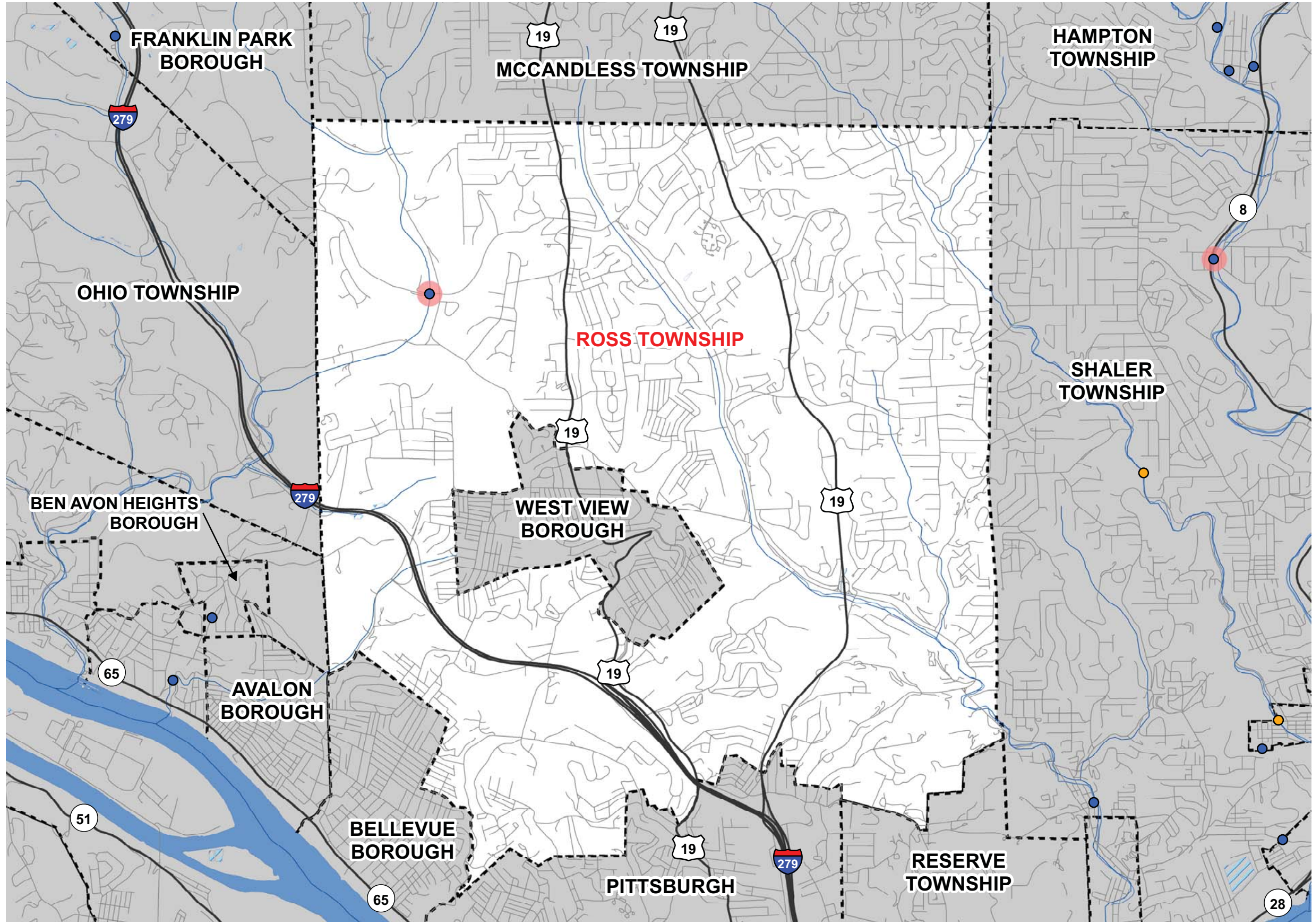
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

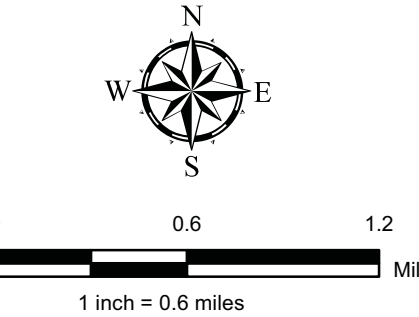


MUNICIPALITIES

Ross Township

LEGEND

- Major Roadways
- Streams
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



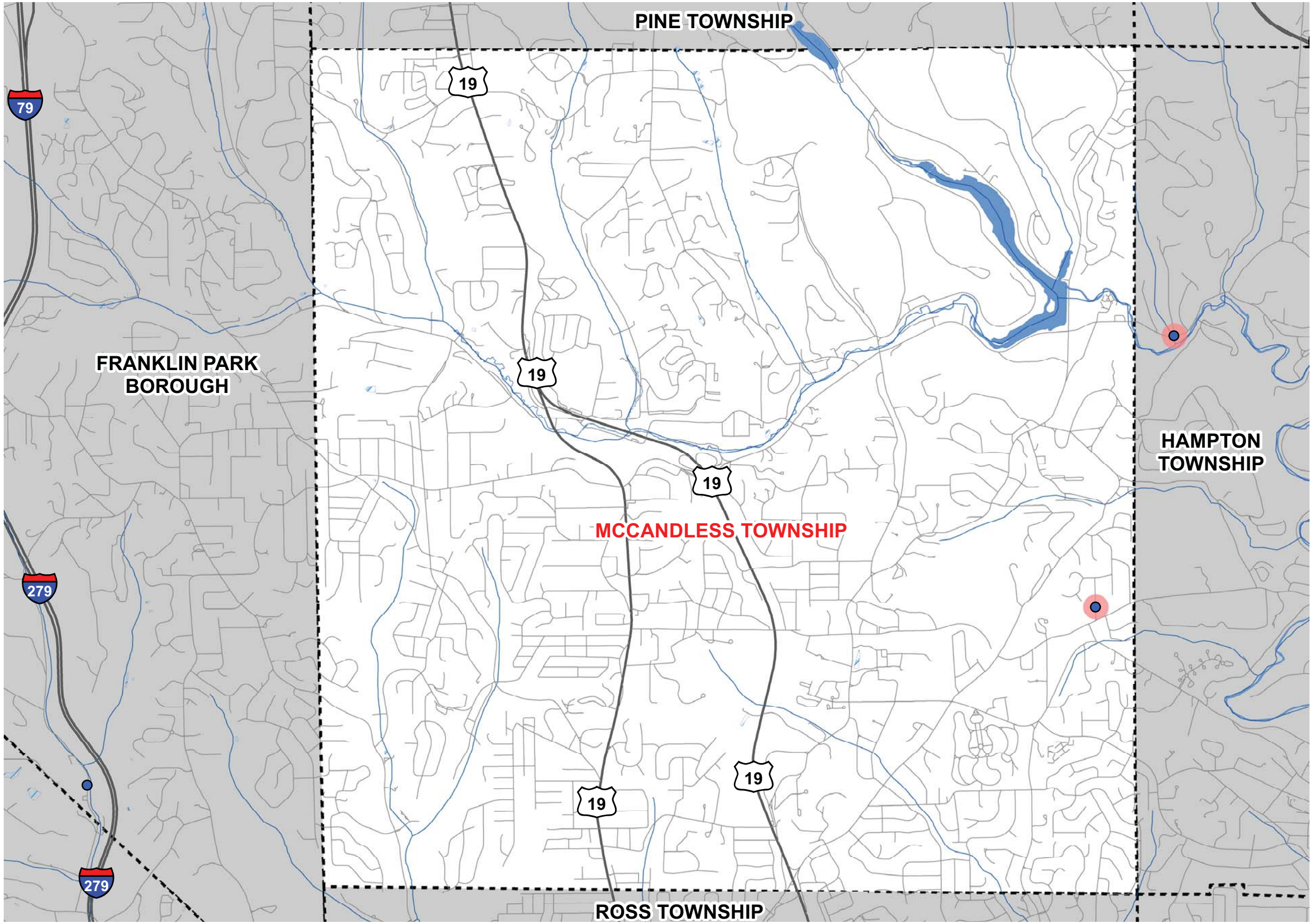
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

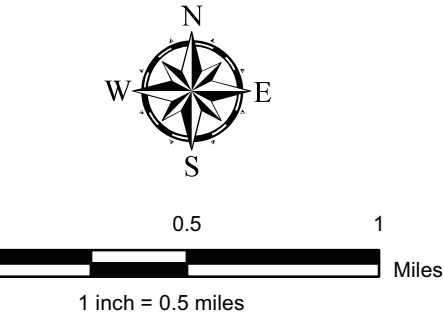


MUNICIPALITIES

McCandless Township

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



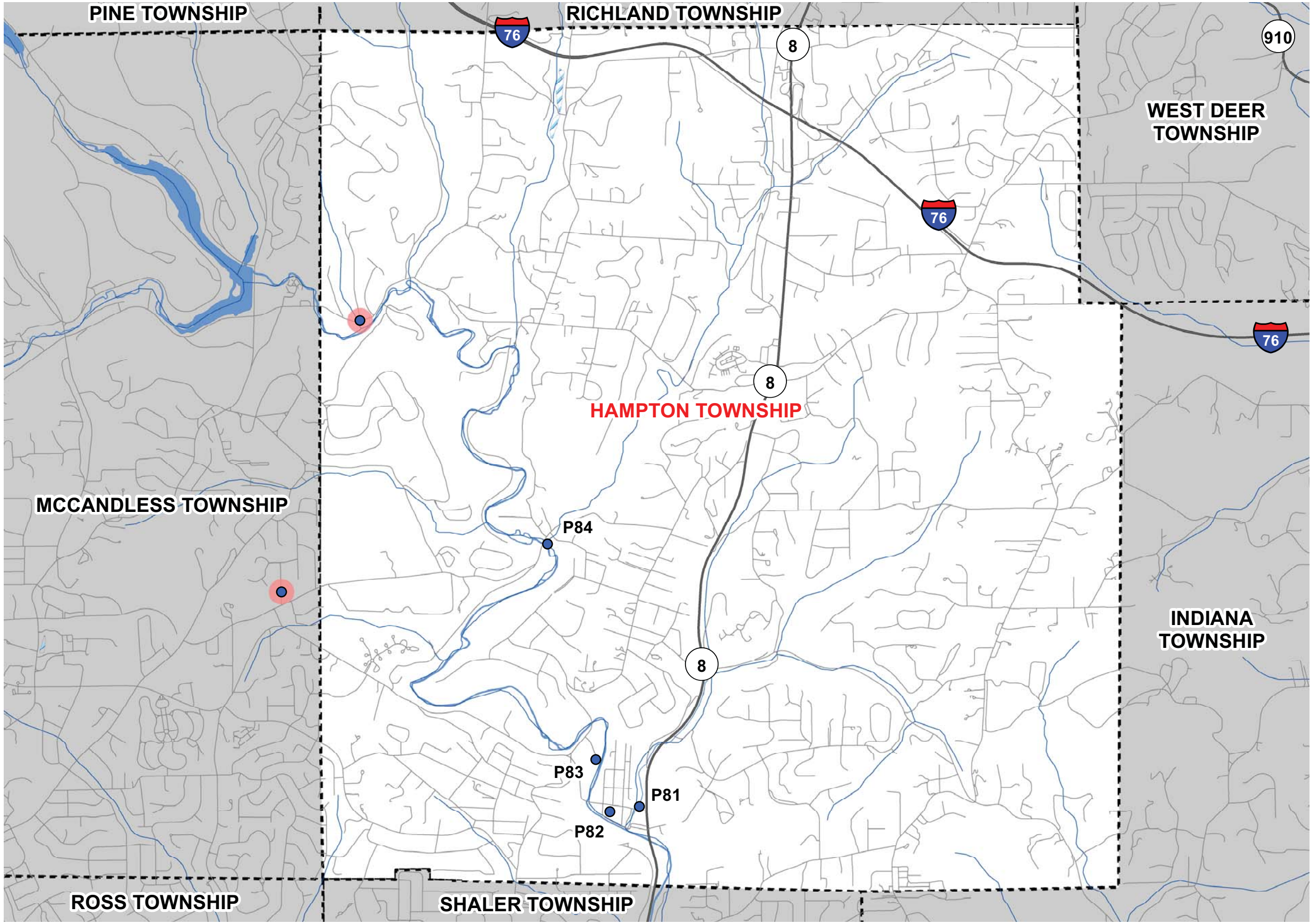
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

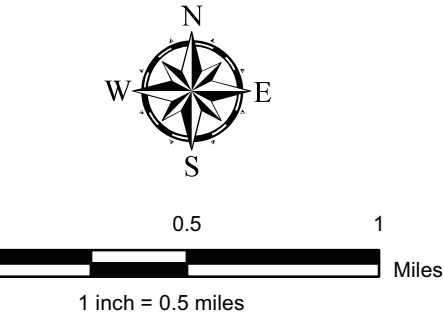


MUNICIPALITIES

Hampton Township

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



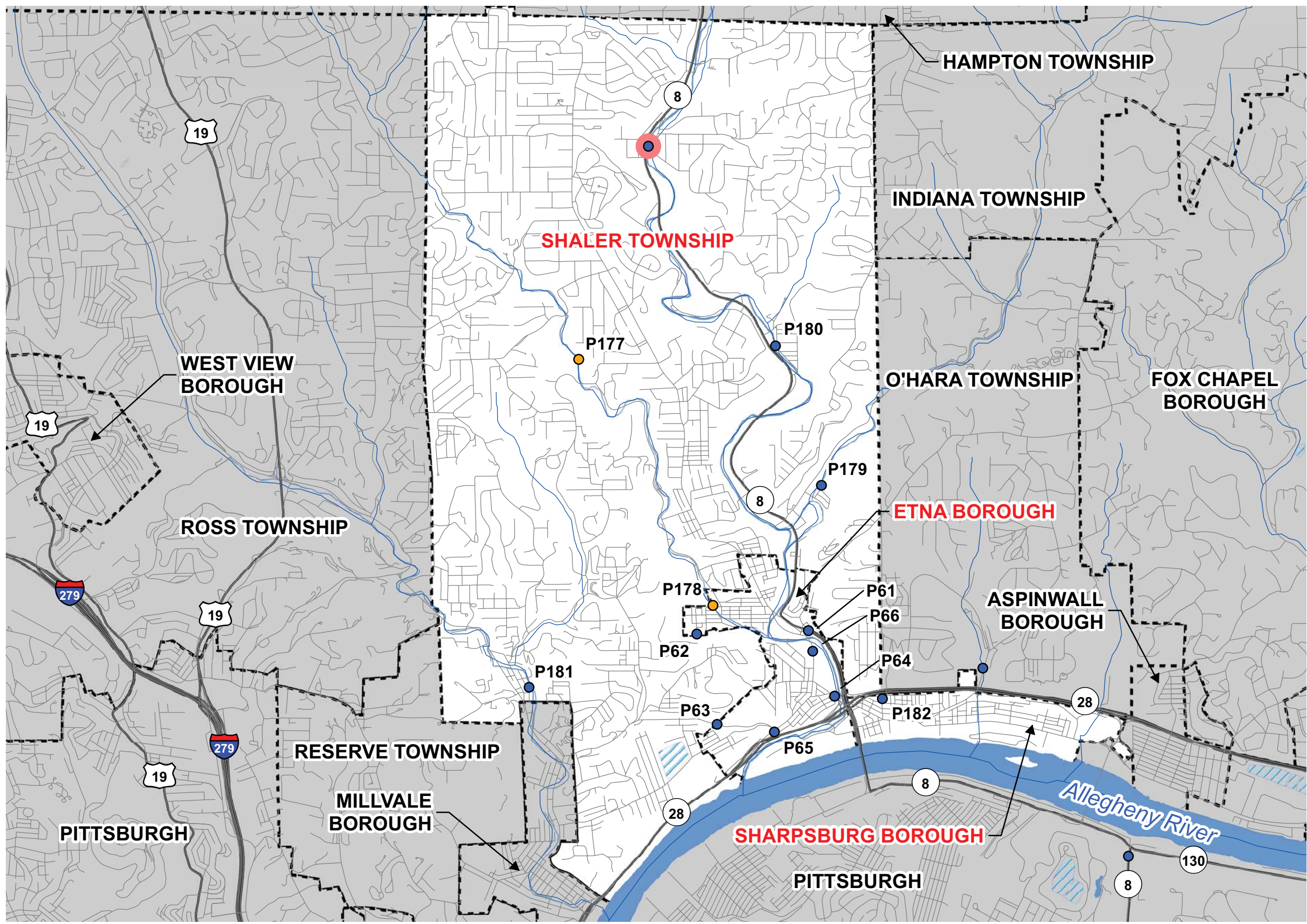
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

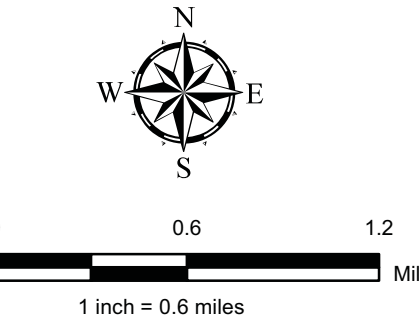


MUNICIPALITIES

Etna Borough
Shaler Township
Sharpsburg Borough

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



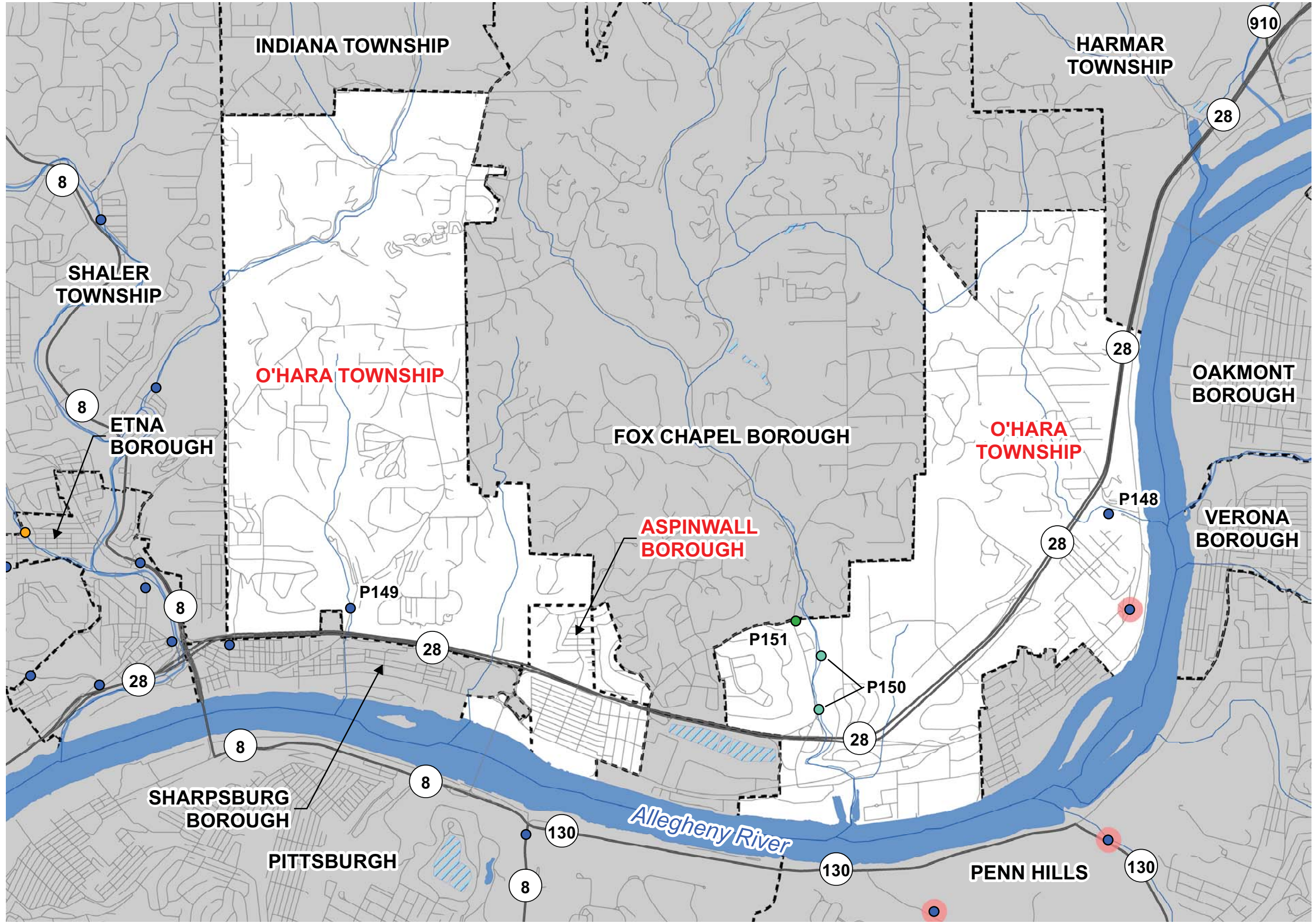
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

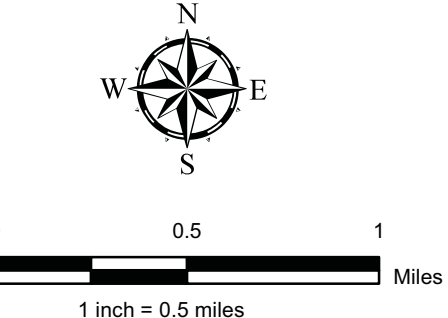


MUNICIPALITIES

Aspinwall Borough
O'Hara Township

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



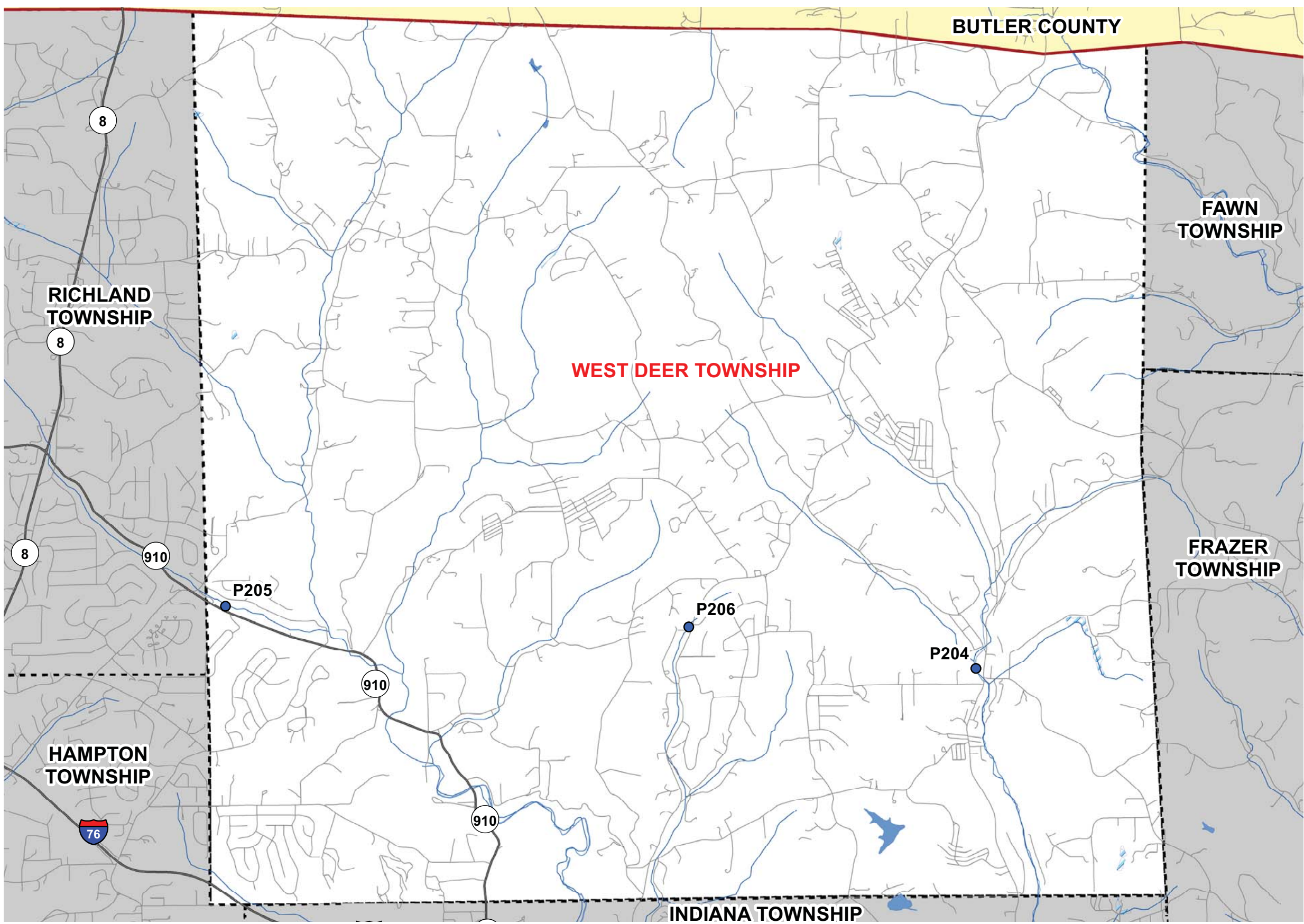
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

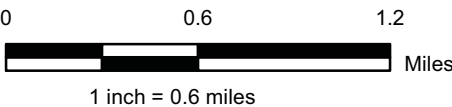


MUNICIPALITIES

West Deer Township

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



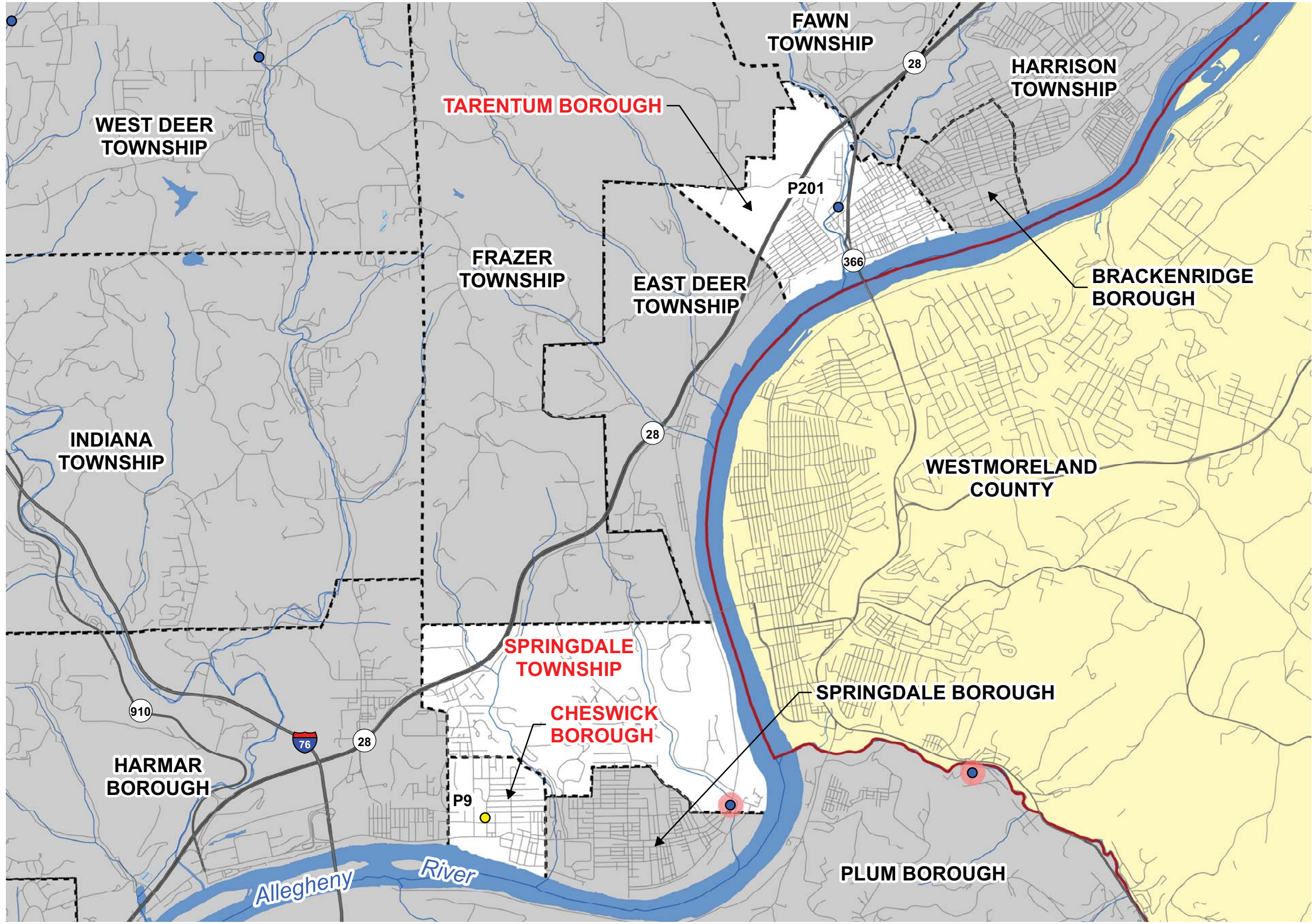
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

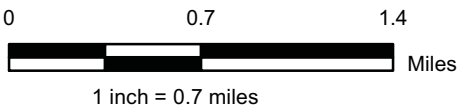


MUNICIPALITIES

Cheswick Borough
Springdale Township
Tarentum Borough

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



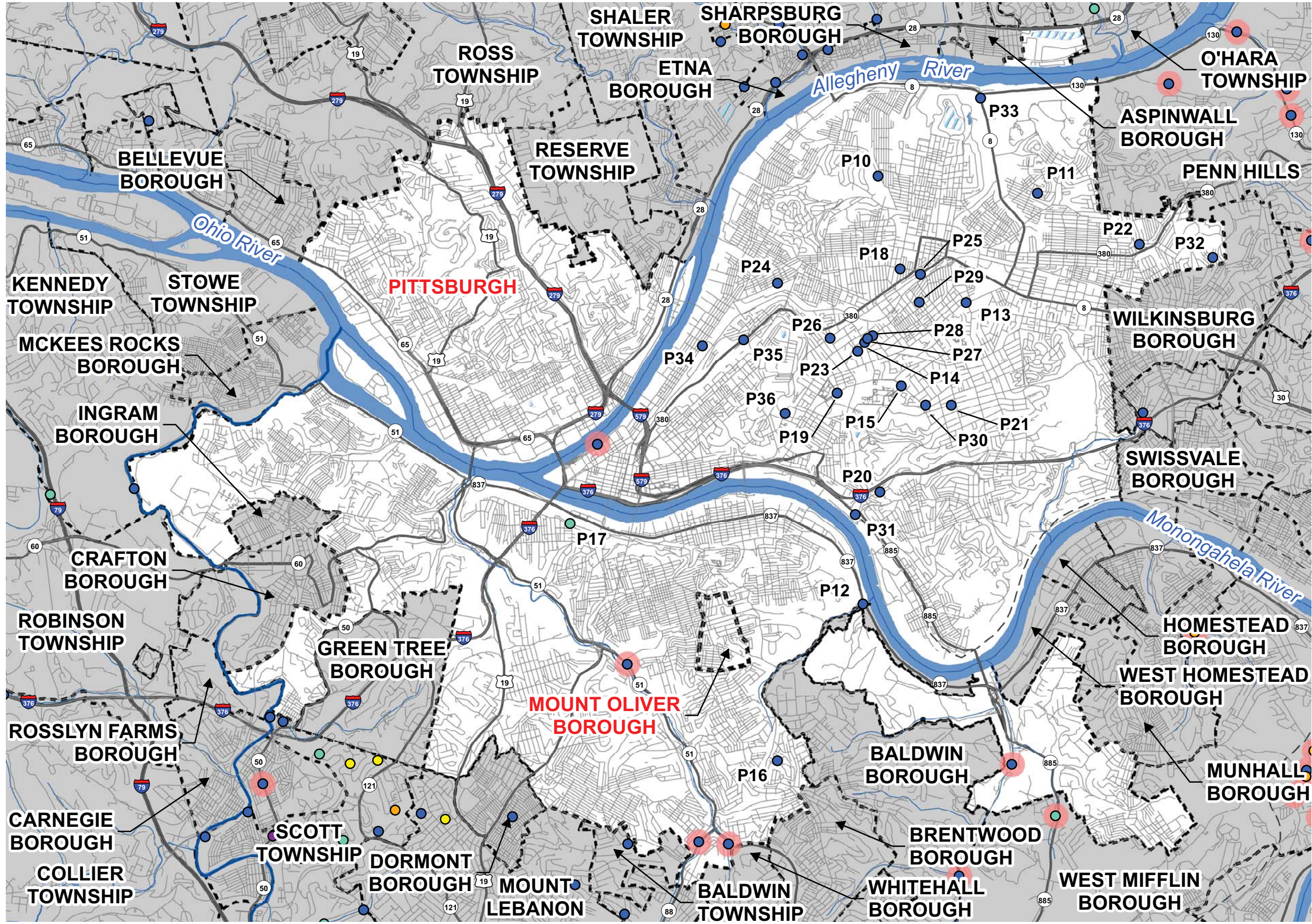
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan



MUNICIPALITIES

Mount Oliver Borough
Pittsburgh

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



DATA SOURCES

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

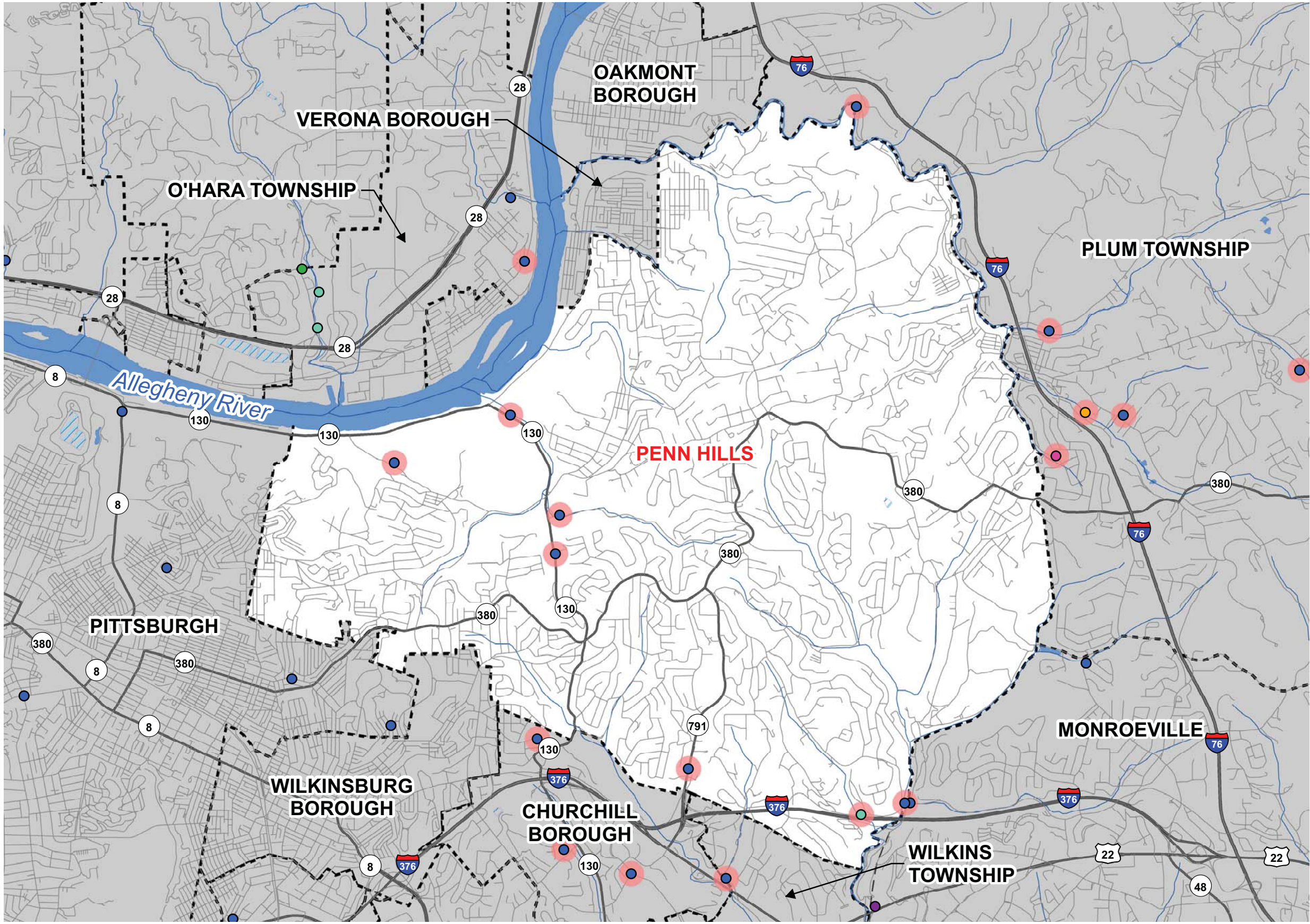


Problem Area Identification Maps

Region 3

Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

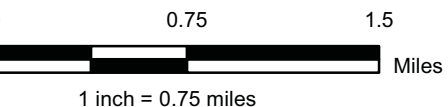


MUNICIPALITIES

Penn Hills

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



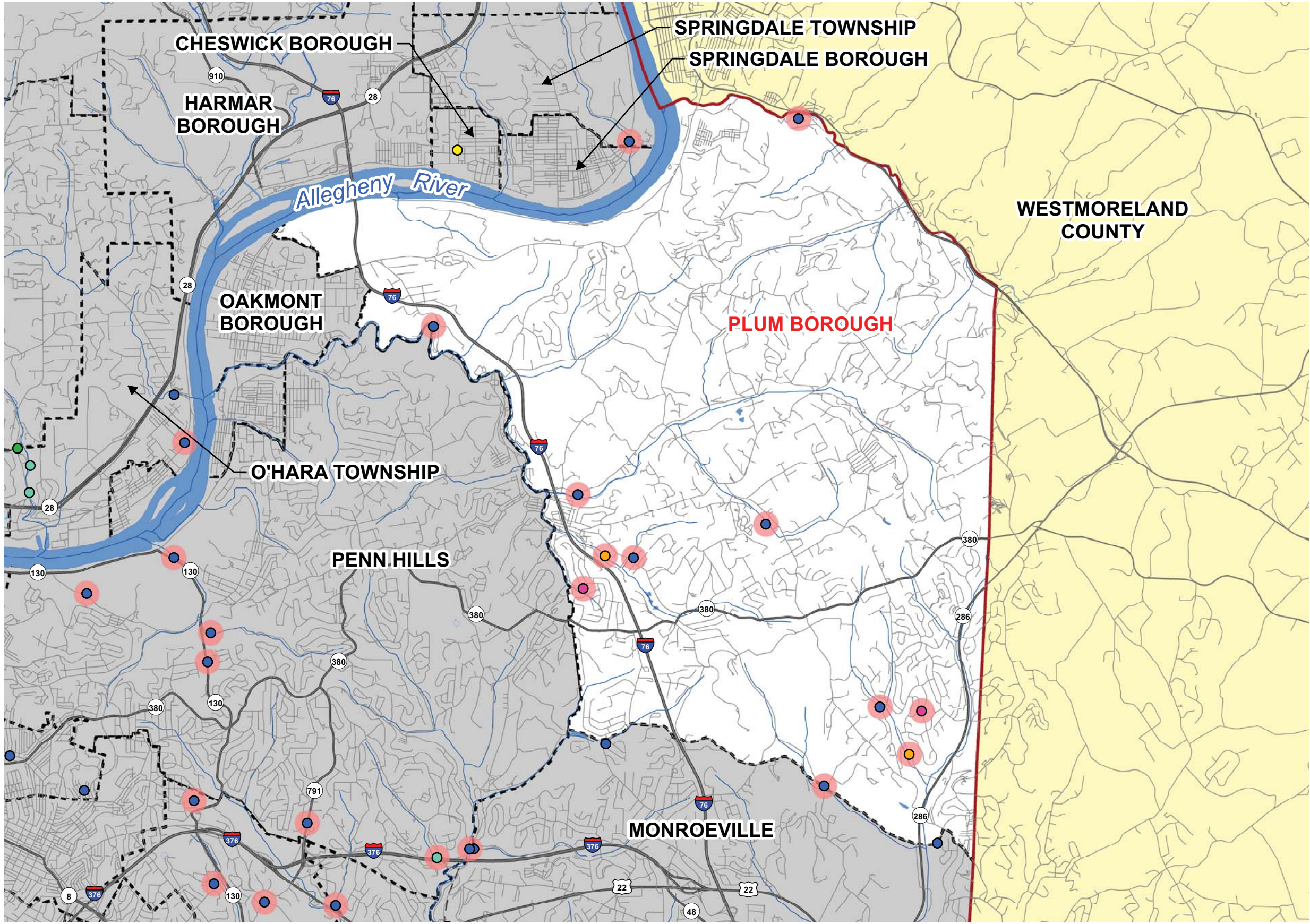
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

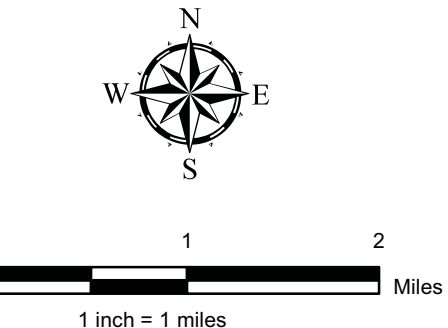


MUNICIPALITIES

Plum Borough

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



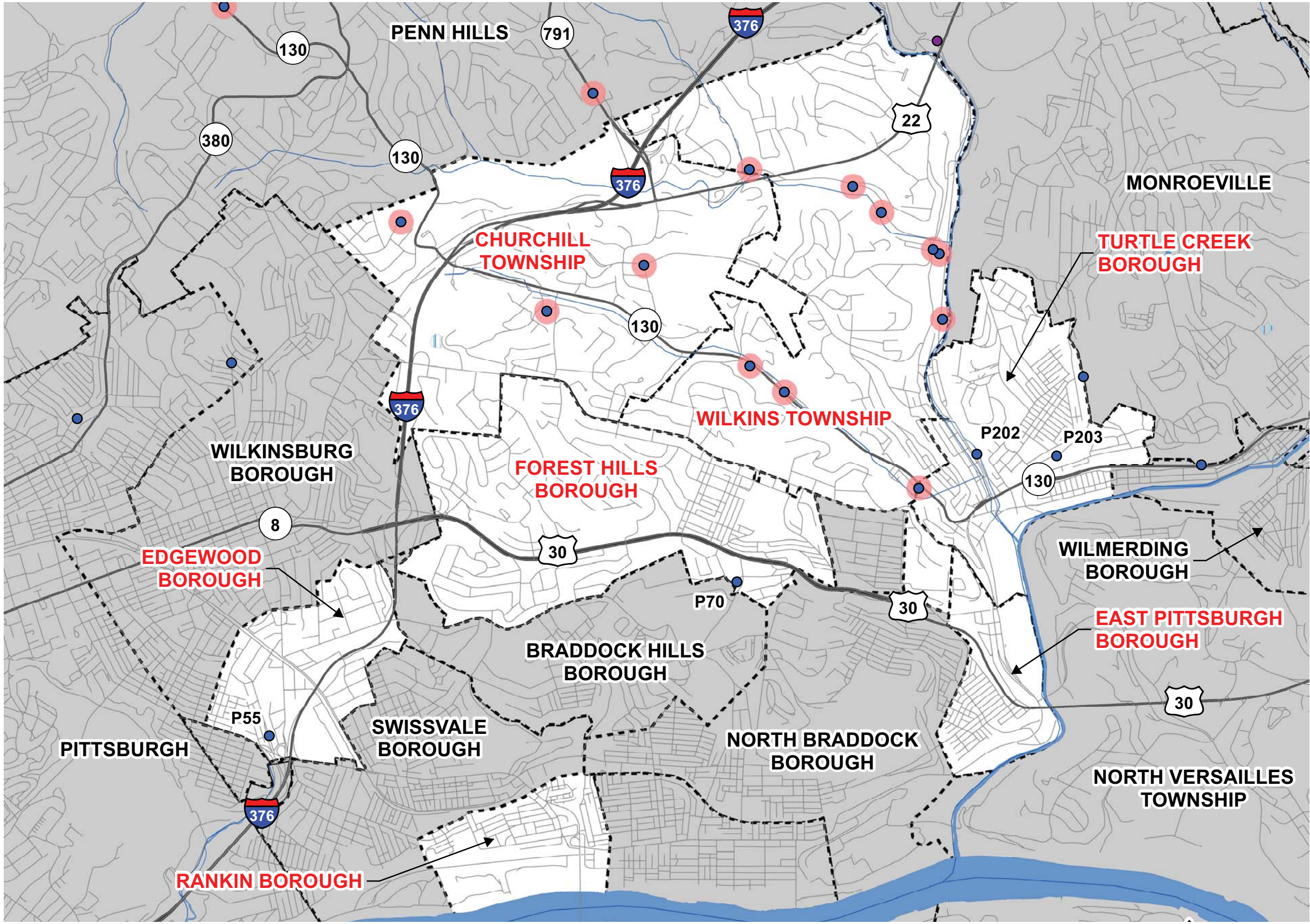
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

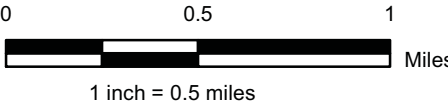


MUNICIPALITIES

Churchill Borough
East Pittsburgh Borough
Edgewood Borough
Forest Hills Borough
Rankin Borough
Turtle Creek Borough
Wilkins Township

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



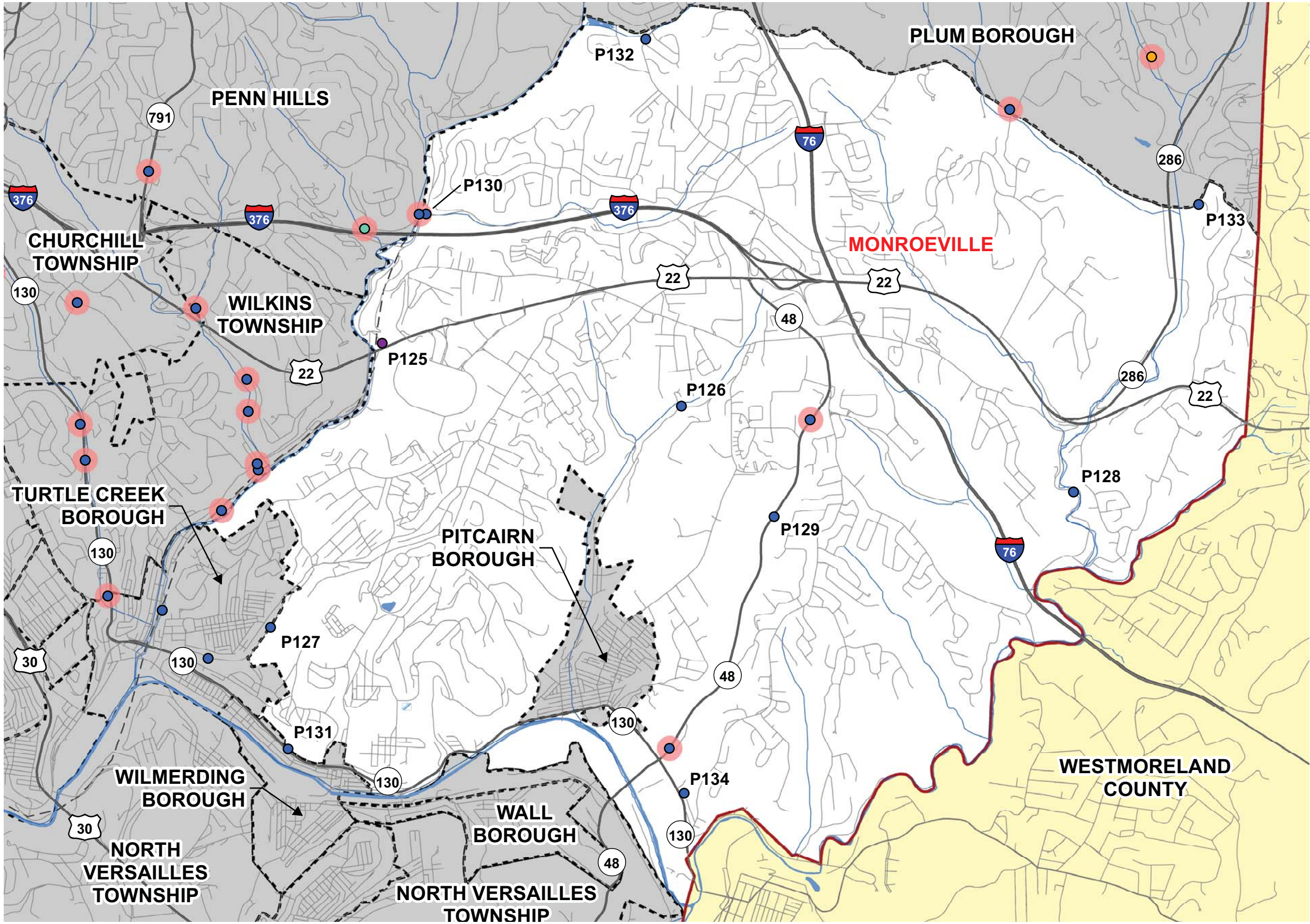
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

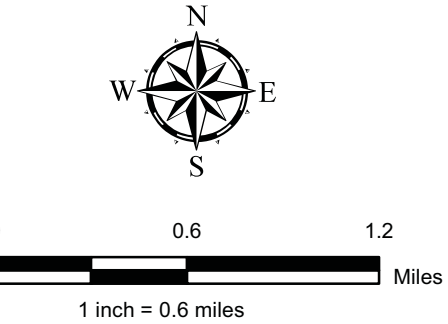


MUNICIPALITIES

Monroeville

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



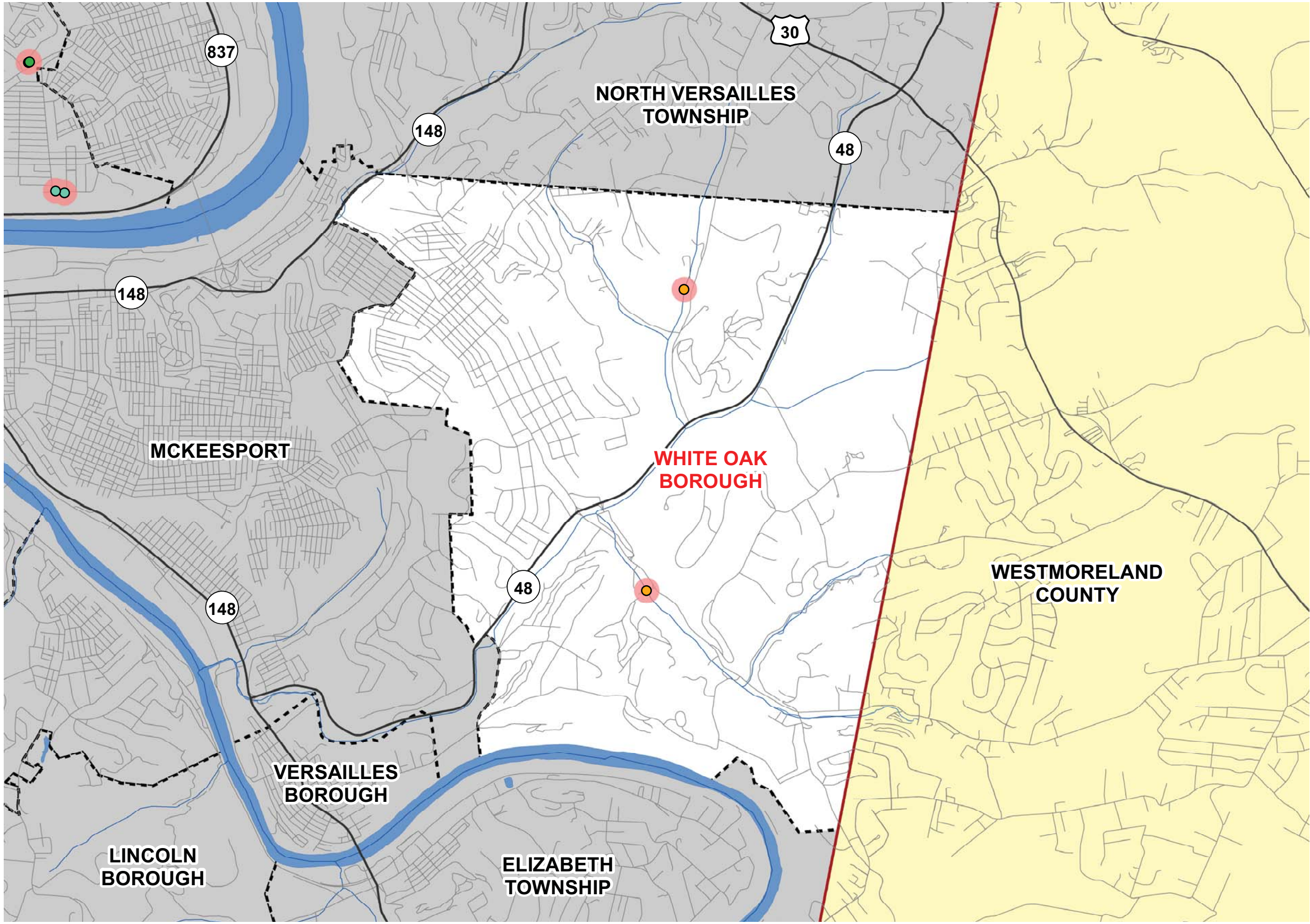
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

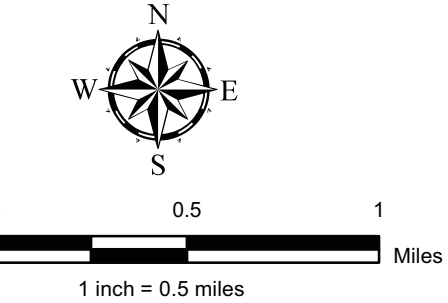


MUNICIPALITIES

White Oak Borough

LEGEND

- Major Roadways
- Streams
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



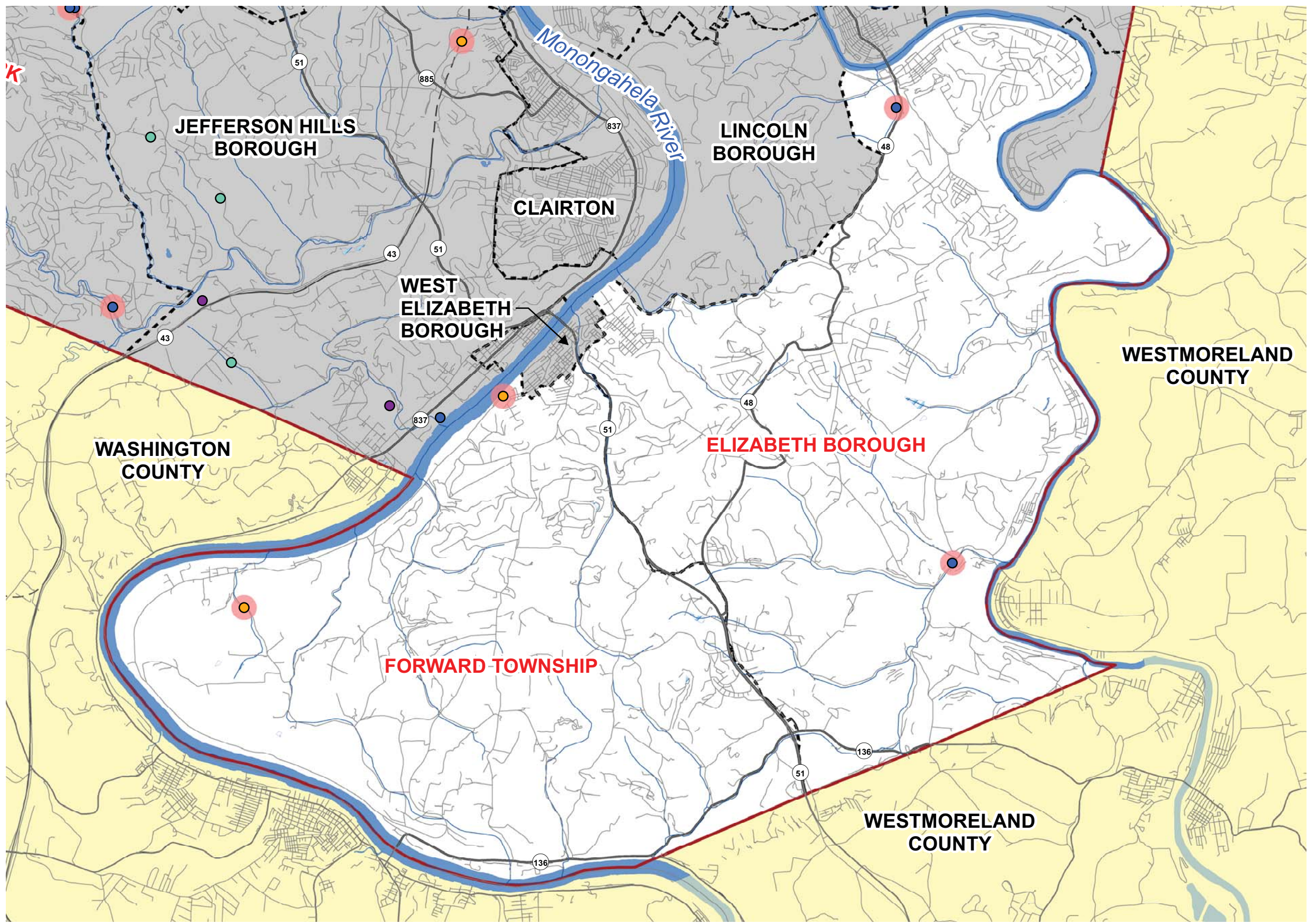
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan

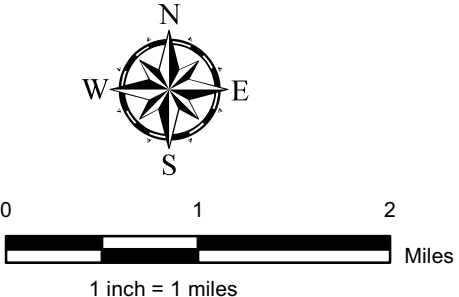


MUNICIPALITIES

Elizabeth Borough
Forward Township

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



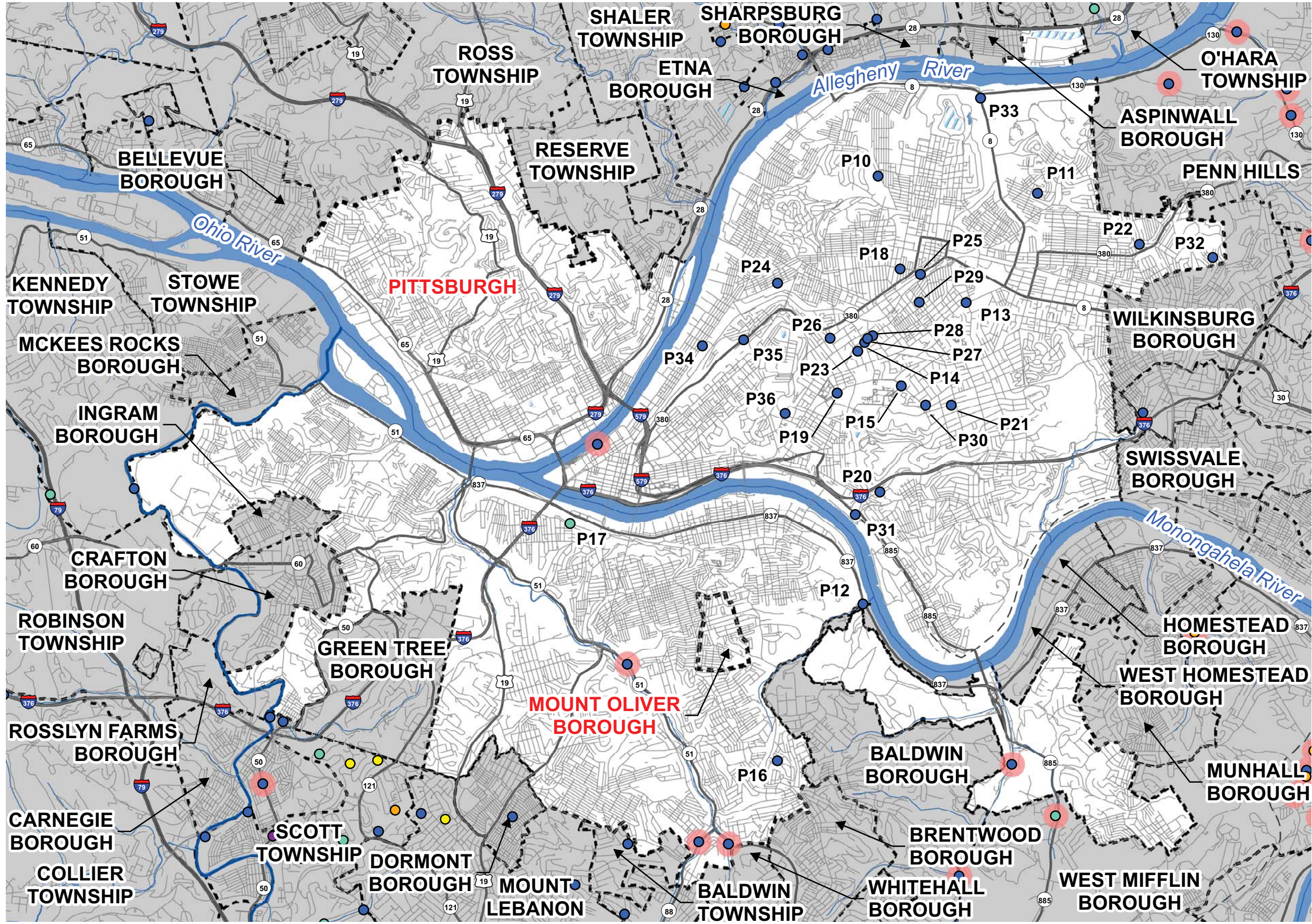
DATA SOURCES

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



Stormwater Problem Area Identification Map

Allegheny County Stormwater Management Plan



MUNICIPALITIES

Mount Oliver Borough
Pittsburgh

LEGEND

- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



DATA SOURCES

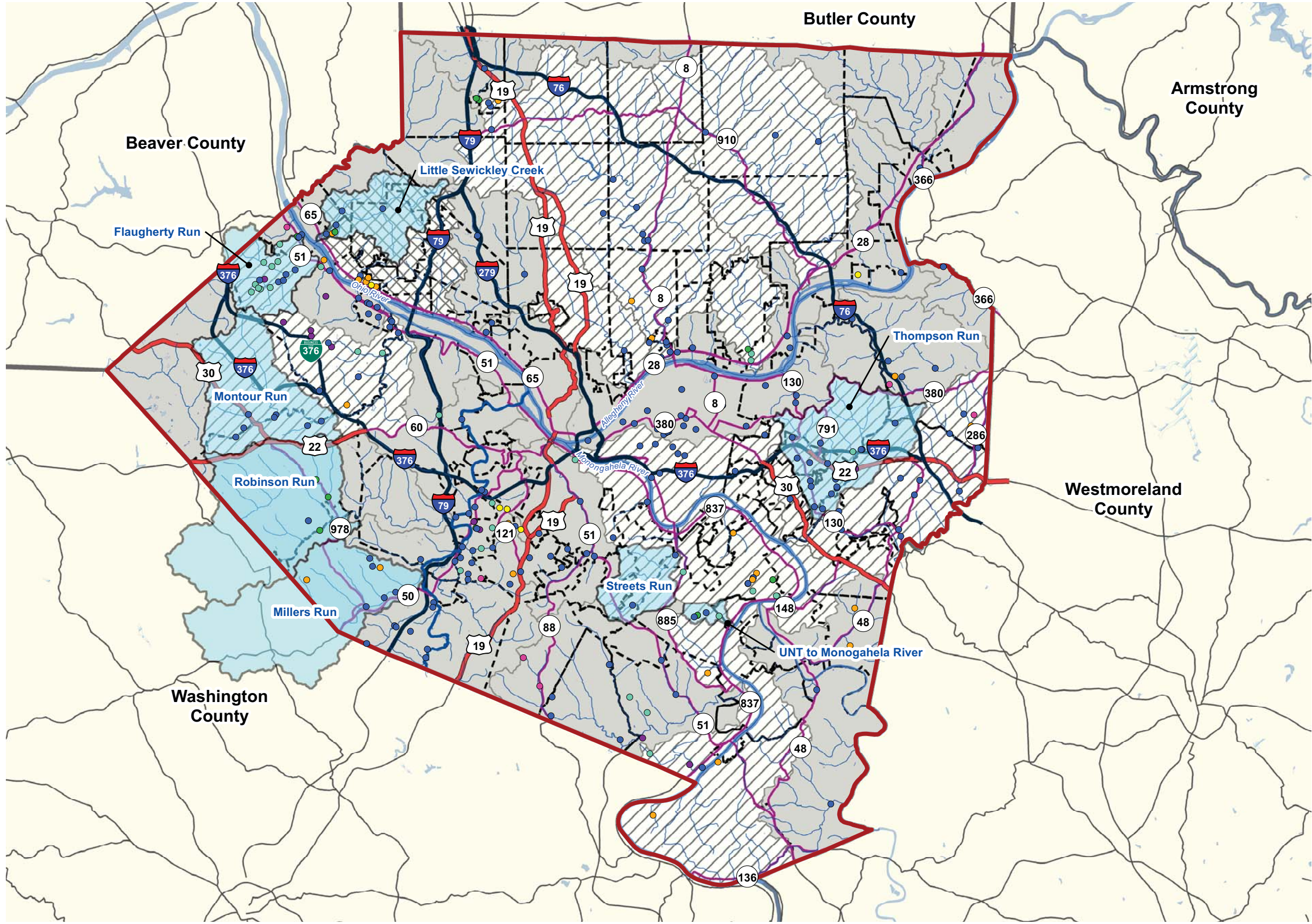
Allegheny County
Pennsylvania Department of Transportation
Pennsylvania Turnpike Commission
National Hydrography Dataset



APPENDIX G
Future Watershed Study Maps

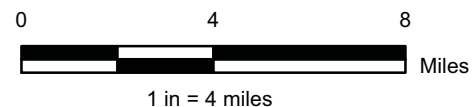
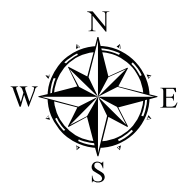
Allegheny County Act 167 & Future Watershed Study Map

Allegheny County Stormwater Management Plan



LEGEND

- Interstate Highway
- State Highway
- US Federal Highway
- Future Study Watersheds
- ACT 167 Plan Completed
- ACT 167 Under Preparation
- No ACT 167 Plan
- Allegheny County Boundary
- Bordering Counties
- Municipal Boundary
- Streams
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution



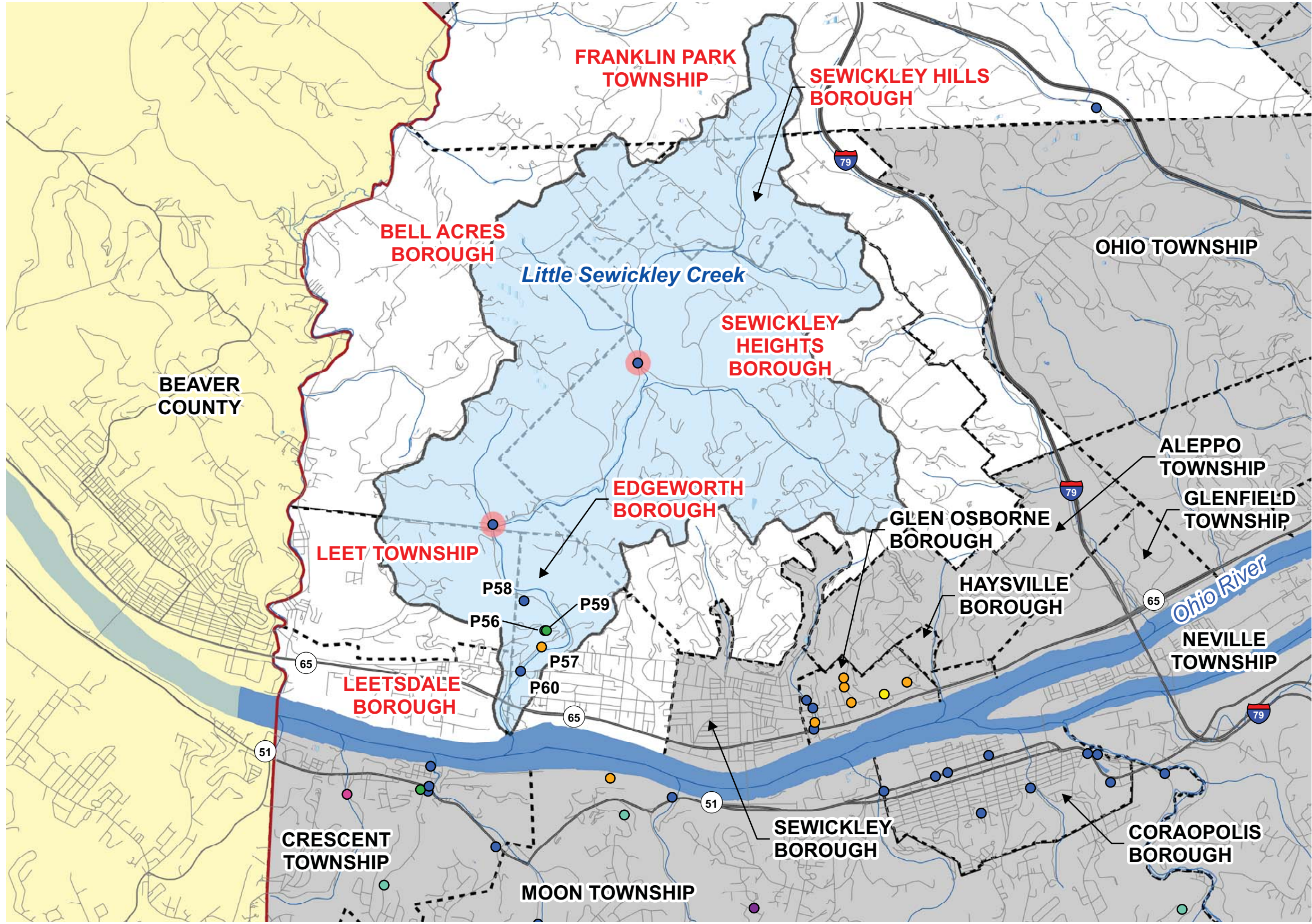
DATA SOURCES

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



Future Watershed Study Map - Little Sewickley Creek

Allegheny County Stormwater Management Plan

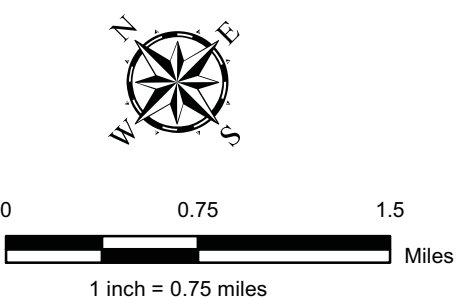


MUNICIPALITIES

Bell Acres Borough
Edgeworth Borough
Franklin Park Borough
Leet Township
Leetsdale Borough
Sewickley Heights Borough

LEGEND

- Future Study Watershed
- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



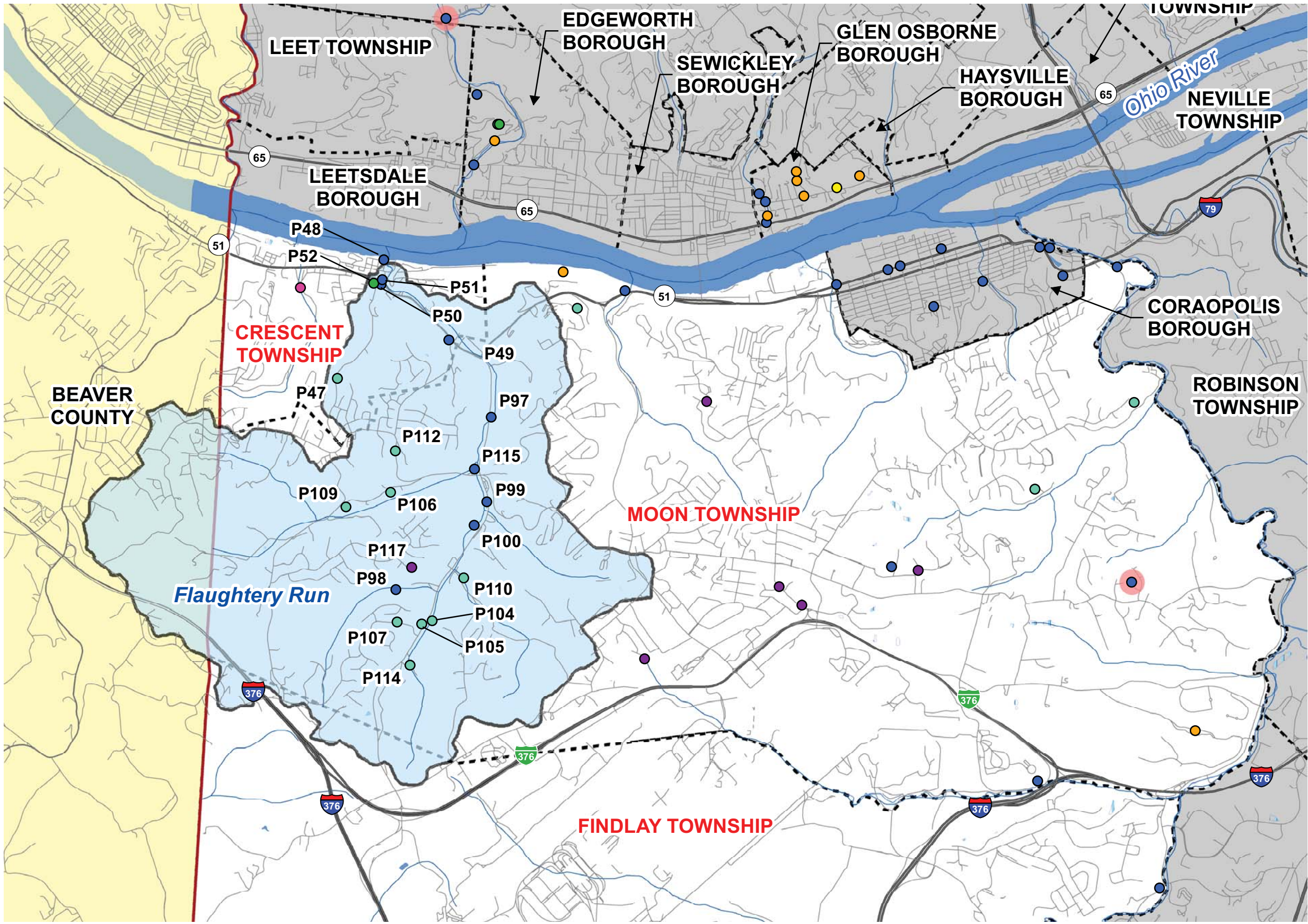
DATA SOURCES

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



Future Watershed Study Map - Flaugherty Run

Allegheny County Stormwater Management Plan

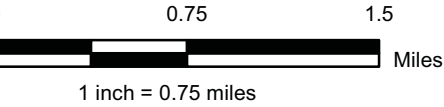


MUNICIPALITIES

Crescent Township
Findlay Township
Moon Township

LEGEND

- Future Study Watershed
- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area

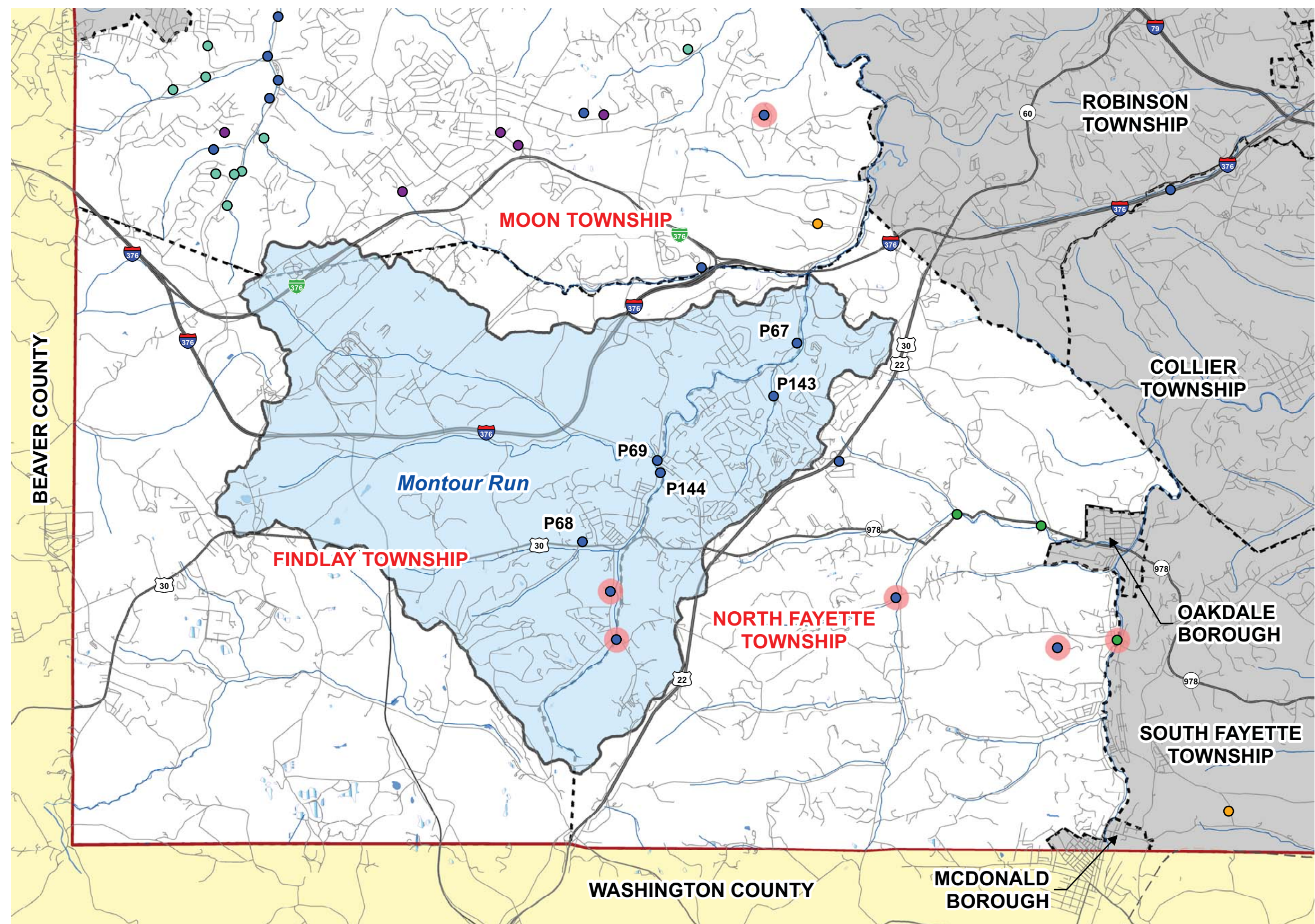


DATA SOURCES

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



Future Study Watershed Map - Montour Run

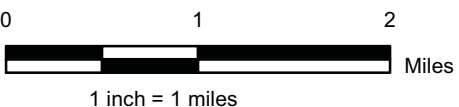


MUNICIPALITIES

Findlay Township
Moon Township
North Fayette Township

LEGEND

- Future Study Watershed
- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



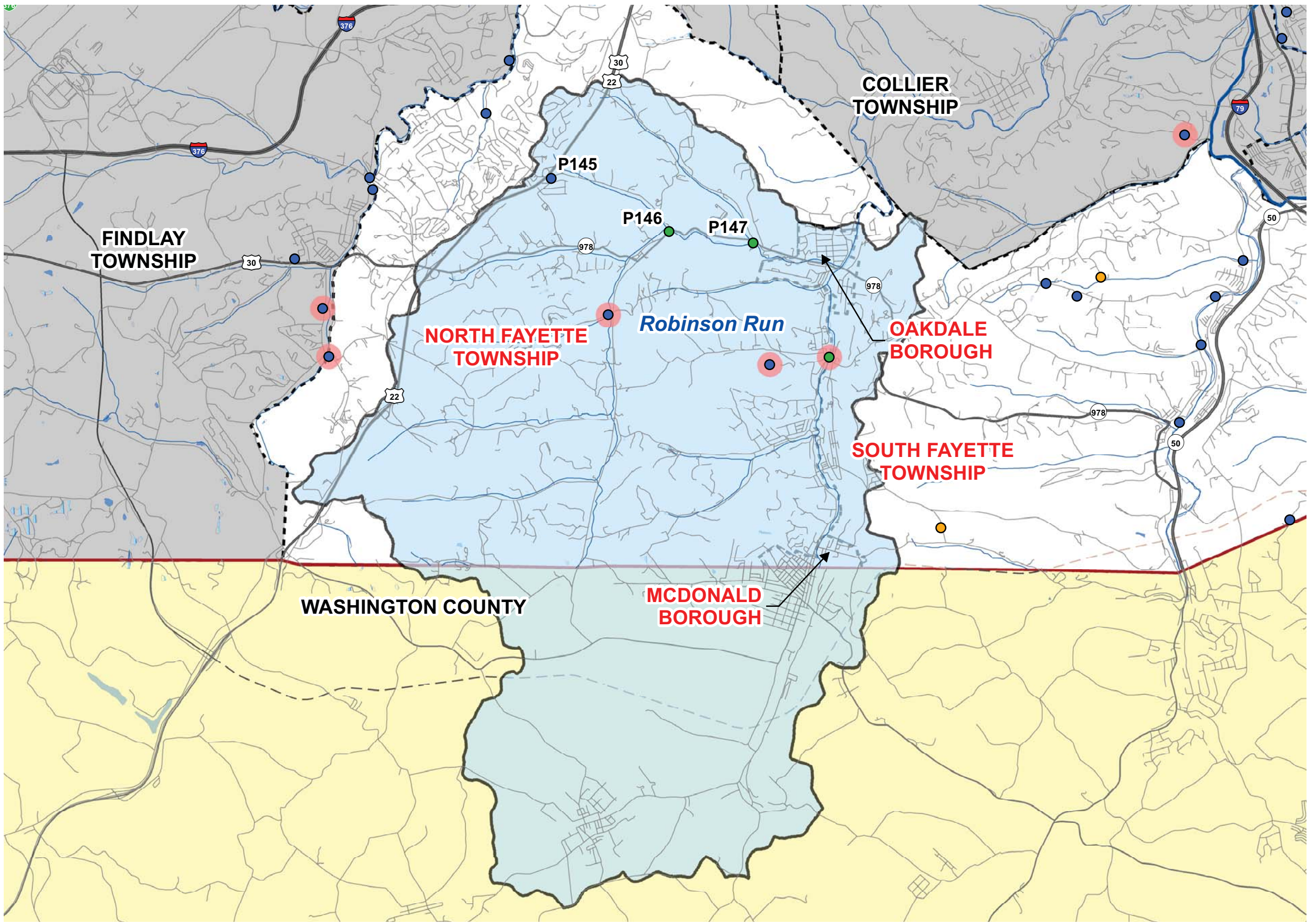
DATA SOURCES

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



Future Watershed Study Map - Robinson Run

Allegheny County Stormwater Management Plan

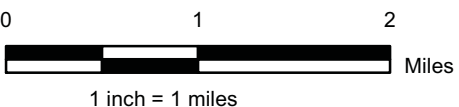


MUNICIPALITIES

McDonald Borough
North Fayette Township
Oakdale Borough
South Fayette Township

LEGEND

- Future Study Watershed
- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



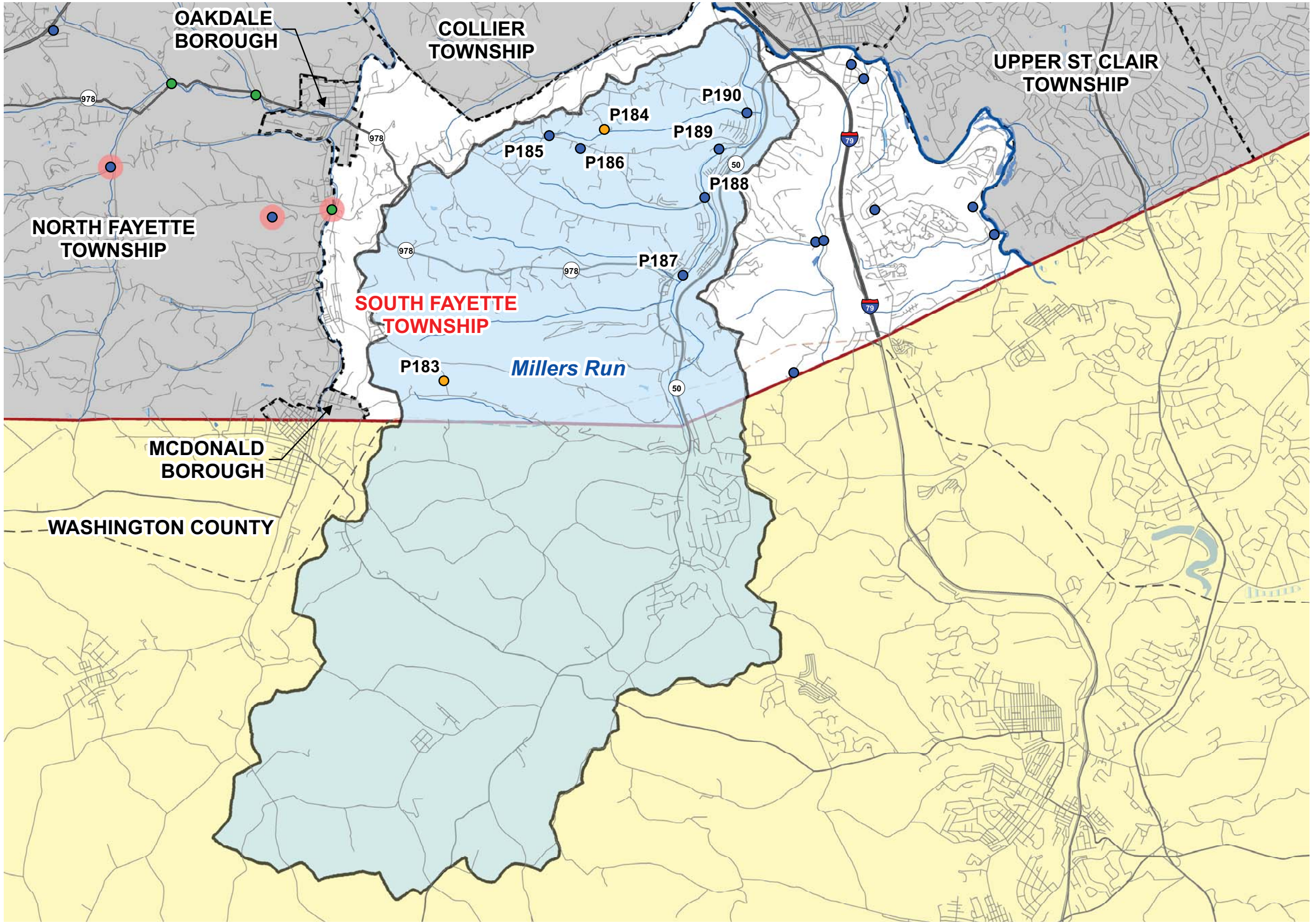
DATA SOURCES

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



Future Watershed Study Map - Millers Run

Allegheny County Stormwater Management Plan



MUNICIPALITIES

South Fayette Township

LEGEND

- Future Study Watershed
- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area

1 inch = 1 miles

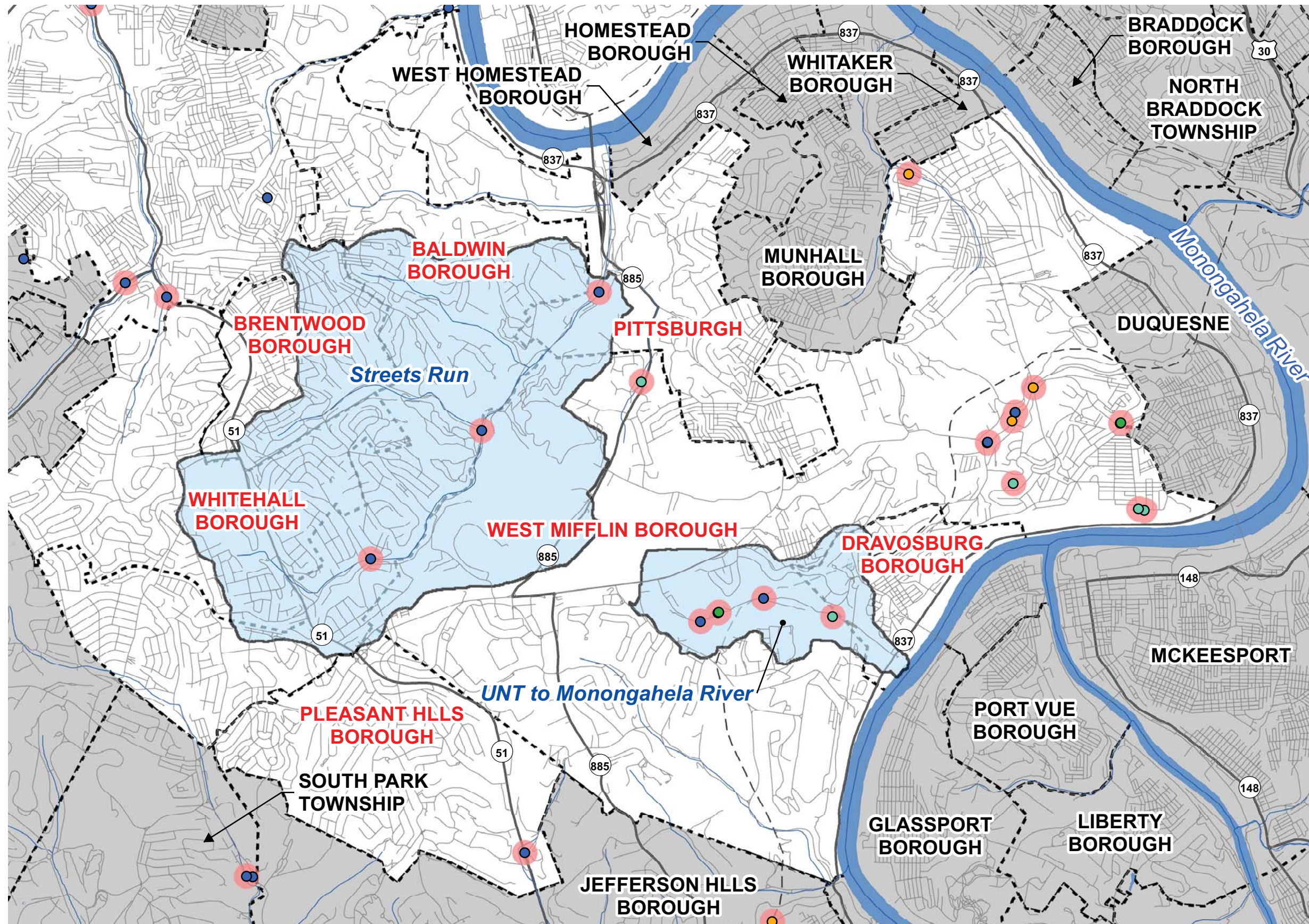
DATA SOURCES

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



Future Watershed Study Map - Streets Run and UNT to Monongahela River

Allegheny County Stormwater Management Plan

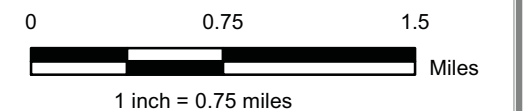


MUNICIPALITIES

Baldwin Borough
Brentwood Borough
Dravosburg Borough
Pittsburgh
Pleasant Hills Borough
West Mifflin Borough
Whitehall Borough

LEGEND

- Future Study Watershed
- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type**
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



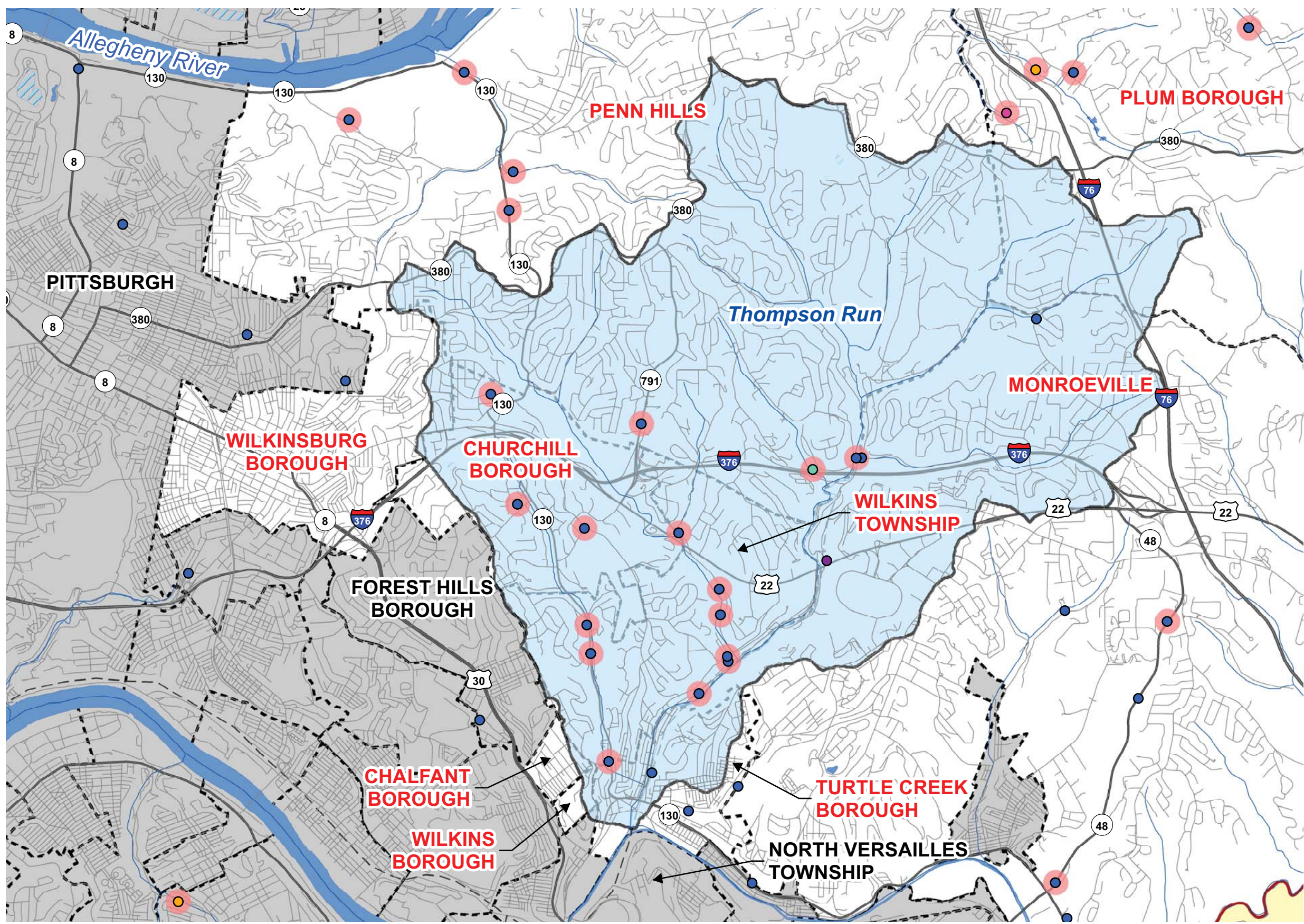
DATA SOURCES

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

Baker

Future Watershed Study Map - Thompson Run

Allegheny County Stormwater Management Plan

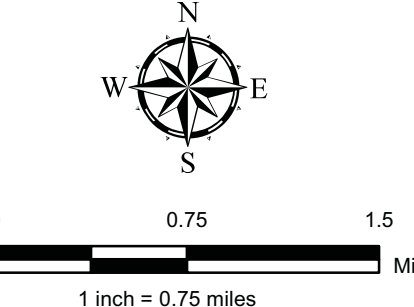


MUNICIPALITIES

- Chalfant Borough
- Churchill Borough
- Monroeville
- Penn Hills
- Plum Borough
- Turtle Creek Borough
- Wilkins Township
- Wilkinsburg Borough

LEGEND

- Future Study Watershed
- Streams
- Major Roadways
- Allegheny County Boundary
- Rivers, Streams, Lakes, and Ponds
- Reservoirs
- Municipality Boundary
- Wetlands (National Wetlands Inventory)
- Stormwater Problem Area Type
 - Accelerated Erosion
 - Flooding
 - Groundwater
 - Landslide
 - Other
 - Sedimentation
 - Water Pollution
 - Incomplete Problem Area



DATA SOURCES

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



APPENDIX H
Phase II Scope of Work

APPENDIX I
Phase II Cost Proposal

APPENDIX J
Phase II Proposed Schedule