



SPC Sewer Inventory

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Southwestern Pennsylvania Commission
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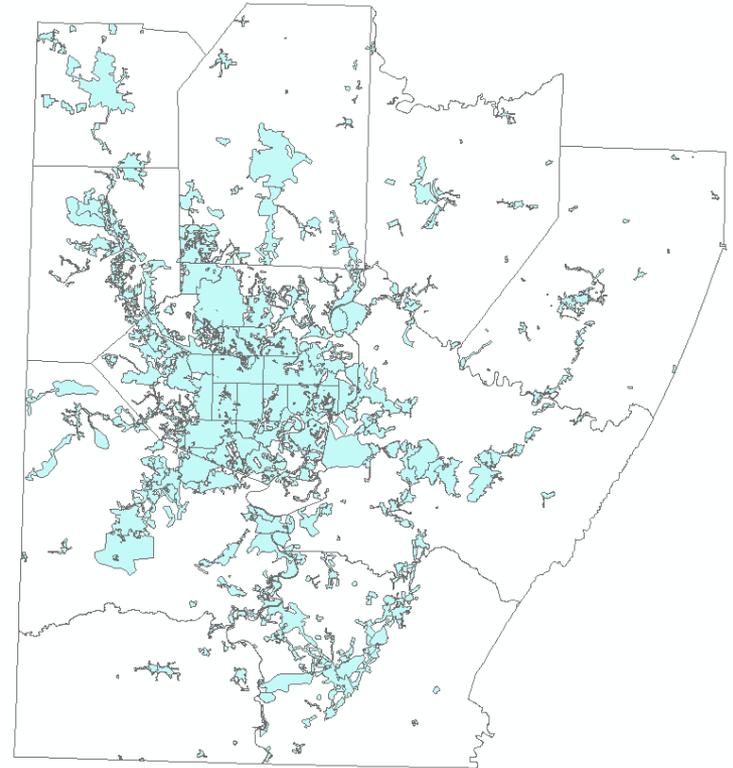
Goals of the project:

- ▶ To create a GIS database of public sewer providers in the SPC region, their treatment plants, service areas, and pump stations
- ▶ To create a narrative publication of public sewer providers in the SPC region and their current rates, projects, and plans
- ▶ Use this data to inform planning projects in the region



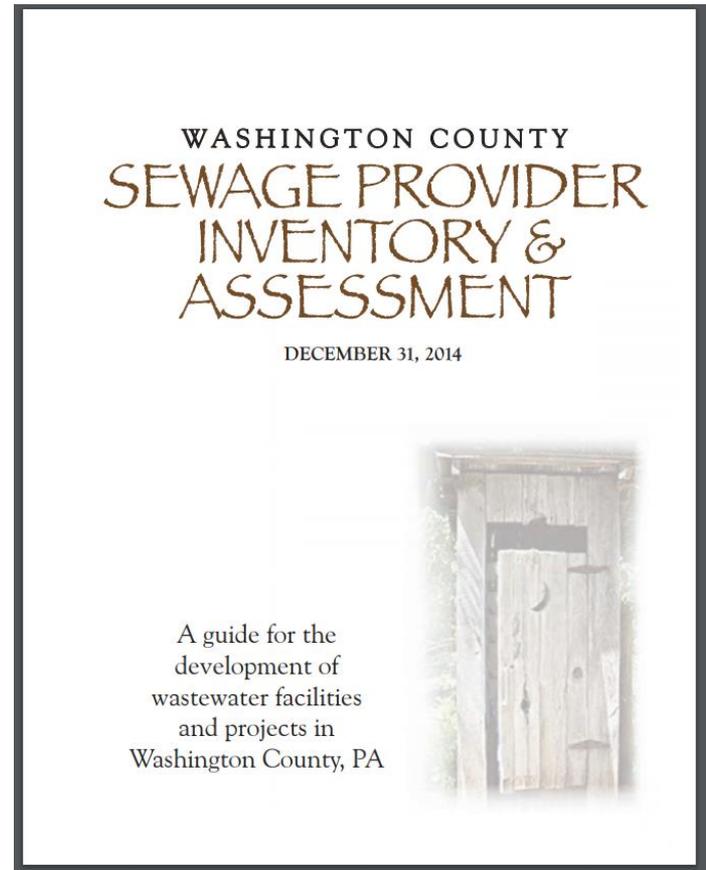
Pre-2019 work:

- ▶ SPC data from 2005
 - ▶ Survey created to collect data on sewer and water utilities
 - ▶ Survey mailed out to 174 sewer and 131 water authorities (excluding Allegheny County – data from 3RWW)
 - ▶ Authority info gathered from DEP (permits)
 - ▶ Completed for each sewer treatment plant in service area
 - ▶ Only gathered information about treatment/service area
 - ▶ Preliminary database
 - ▶ Preliminary map of service areas (June 2006)
 - ▶ Continuing updates to service areas



Pre-2019 work:

- ▶ Washington County Sewage Inventory
 - ▶ Completed in 2015 by Planning Commission
 - ▶ Includes 24-pg narrative and inventory sheets for each provider
 - ▶ Survey and one-on-one interaction
 - ▶ Focusing on planned projects



Sewer inventory:

- ▶ Jan 2019: WRC assigned sewer inventory project
- ▶ Elements of the inventory:
 - ▶ List of public sewer providers
 - ▶ Survey
 - ▶ Database with survey data
 - ▶ Map of service areas, treatment plants, and pump stations
- ▶ Pilot: Westmoreland County



List of providers

- ▶ Created with various lists
 - ▶ 2005 list of sewer providers
 - ▶ [DEP NPDES permitted facilities](#)
 - ▶ [DCED Municipal Statistics – Municipal Authorities](#)
 - ▶ Existing lists of sewer providers (Allegheny, Armstrong, Fayette, Greene, Lawrence, Washington)
 - ▶ PennVEST funded projects
- ▶ Acquire emails for each provider to send survey

County	# of Sewer Providers
Allegheny	47
Armstrong	21
Beaver	29
Butler	17
Fayette	33
Greene	12
Indiana	12
Lawrence	14
Washington	34
Westmoreland	26
TOTAL	245



Survey

SEWER PROVIDER INFORMATION SURVEY

GENERAL AUTHORITY INFORMATION:

AUTHORITY NAME: _____
PHYSICAL ADDRESS: _____
CITY/STATE/ZIP: _____
PHONE#: _____ WEBSITE: _____
CONTACT PERSON: _____ TITLE: _____
EMAIL: _____
MUNICIPALITIES SERVED: _____
NUMBER OF STAFF: _____ NUMBER OF EDU: _____

FINANCIAL INFORMATION:

ANNUAL BUDGET: _____ TOTAL DEBT: _____
AVERAGE MONTHLY RATE/EDU: _____
O&M: _____ DEBT SERVICE: _____ TREATMENT: _____

INFRASTRUCTURE INFORMATION:

SEWER SYSTEM NAME: _____
COLLECTION?: YES NO
CONVEYANCE?: YES NO *if yes, how many miles? _____
TREATMENT?: YES NO *if yes, fill out Form A for each treatment plant
NUMBER OF PUMP STATIONS: _____

PLANNING/DEVELOPMENT INFORMATION:

IS THE AUTHORITY RESPONSIBLE FOR SYSTEM MAINTENANCE?: YES NO
IF NOT, WHO IS RESPONSIBLE? _____
OPERATING AUTHORITY NAME: _____
UNDER REGULATORY ENFORCEMENT ACTION?: YES NO
OVERLOAD ISSUES? YES NO
TAP RESTRICTIONS?: YES NO
APPROVED PLANS (ACT 537, CAP, LTCP):
NAME: _____ NAME: _____
ENACTMENT DATE: _____ ENACTMENT DATE: _____

FORM A: TREATMENT PLANTS

PROVIDOR/AUTHORITY NAME:

TREATMENT PLANT INFORMATION:

NAME OF PLANT: _____
LOCATION/ADDRESS: _____
CONTACT PERSON: _____ TITLE: _____
PHONE #: _____
EMAIL: _____
TYPE OF TREATMENT PROCESS: _____
PERMITTED FLOW CAPACITY (MGD): _____
ACTUAL AVG DAILY FLOW (MGD): _____
CURRENT POPULATION SERVED: _____

DEP NPDES Permit #: _____ PERMIT EXPIRATION DATE: _____
DISCHARGE STREAM NAME: _____

TREATMENT PLANT INFORMATION:

NAME OF PLANT: _____
LOCATION/ADDRESS: _____
CONTACT PERSON: _____ TITLE: _____
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Database

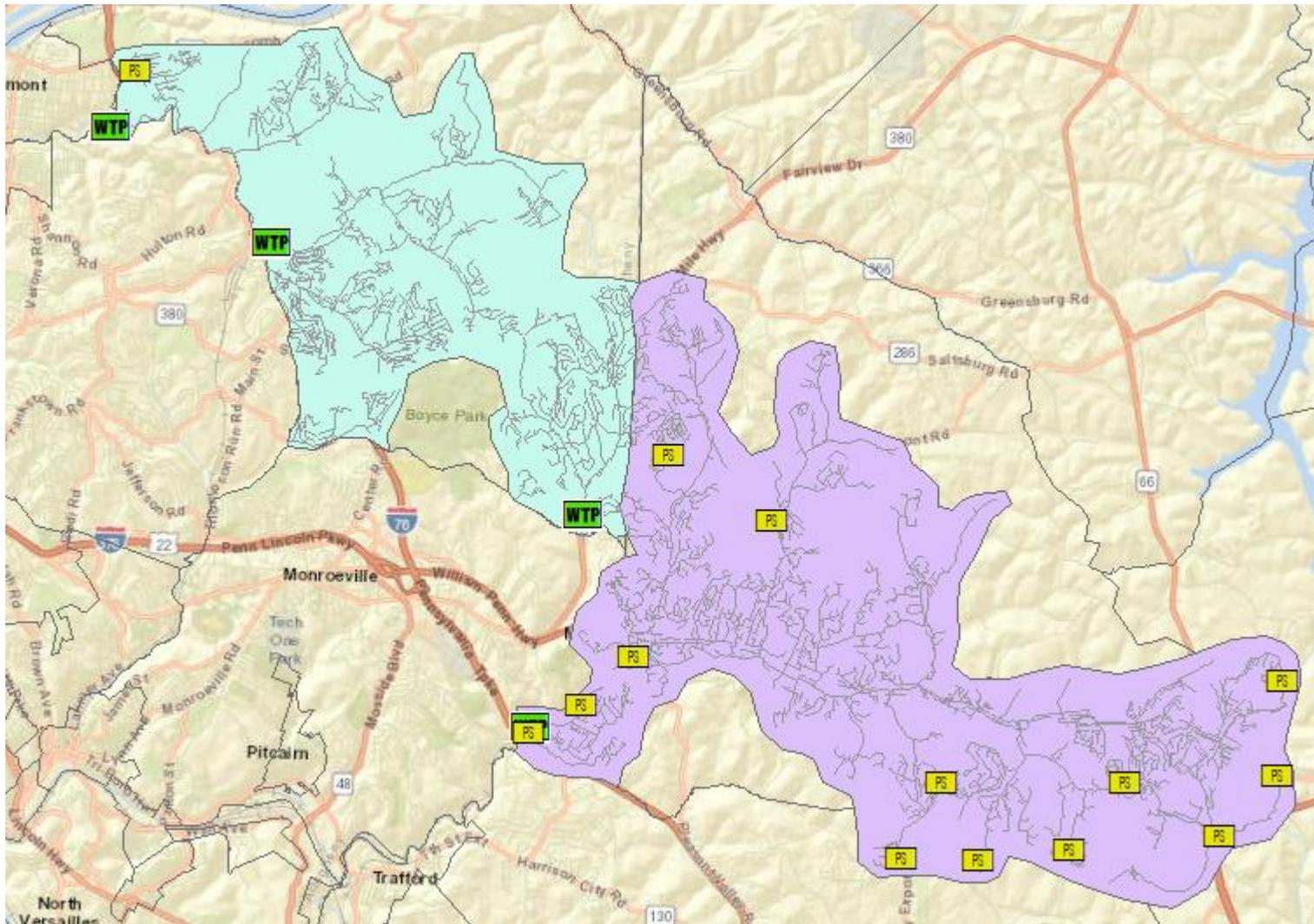
- ▶ Excel sheets by county – log all providers, when survey was sent, when survey and/or map were returned, and contact person

General Authority Information

Authority Name	Physical Address	City / State / Zip	Phone Number	Website	Contact Person	Title	Email	Municipalities Served	Number of Staff	Number of Customers (EDU)
Municipal Authority of Allegheny Township (MAAT)	1011 S. Leechburg Hill Rd	Leechburg, PA 15656	(724) 845-9355	https://alleghenytownship.net/boards-commission/municipal-authority/	Mary Kardos	Administrator	maat@windstream.net	Allegheny Township	2	2,659
Derry Borough Municipal Authority	620 N. Chestnut St	Derry, PA 15627	(724) 694-2305	www.derrywater.com			manager@derrywater.com			
Derry Township Municipal Authority	5760 Route 982	New Derry, PA 15671	(724) 694-2513	http://derrytwpma.com			dtma15671@comcast.net			
Franklin Township Municipal Sanitary Authority	3001 Meadowbrooke Rd	Murrysville, PA 15668	(724) 327-1950	www.ftmsa.org	Kevin Kaplan	Assistant Manager	kkaplan@ftmsa.org	7	19	11,665
Greater Greensburg City Sewer Authority	210 W. Otterman St	Greensburg, PA 15601	(724) 837-1890	www.ggsa.us			diane@ggsa.us			
Irwin Borough	424 Main St	Irwin, PA 15642	(724) 864-3100	https://www.irwinborough.org/borough-information/sewage-service.php	Shari Martino	Borough Manager	irwinboroughmanager@gmail.com	Irwin Borough	3	2,500
Kiski Valley Water Pollution Control Authority	1361 School Rd	Leechburg, PA 15656	(724) 568-3655	http://kvwpc.com/			dduryea@kvwpc.com			
Latrobe Municipal Authority	104 Guerrier Rd	Latrobe, PA 15650	(724) 537-3378	www.latrobema.com	Chris Bova	Environmental Control Supervisor	chris@latrobema.com	City of Latrobe Derry Township Unity Township Youngstown Borough	30	



Map



Next steps

- ▶ Collect emails for remaining providers in Fayette and Lawrence Co.
- ▶ Work with Washington County to update their sewer data
- ▶ Send out survey to remaining counties/providers
- ▶ Send reminders until all data is received
- ▶ Create report for county planning departments





Questions?

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