

# **APPENDIX C**

COMPLIATION OF RESPONSES FROM  
MUNICIPAL QUESTIONNAIRES

French Creek  
Watershed

**Figure 1.**  
**Compilation of Data from Question #3.**

Indicate how important you believe it is to address each of these five key stormwater considerations. 1 - Not important to 5 - Very Important

Municipality/ Organization	Question 3				
	Peak Flow Rates	Water Quality	Groundwater Recharge	Stream Erosion	Flooding
New Lebanon	4	4	4	3	3
Deer Creek	4		4	4	3

**Figure 2.**  
**Question 6: Types of stormwater problems: indicate the frequency, severity, and cause.**

Municipality/ Organization	Stream Flooding			Street Flooding			Property Flooding			Soil Erosion			Sediment in Streams			Stream Bed/Bank Erosion		
	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause
New Lebanon Township	M	1 TO 2	IN	M	3 TO 6	IN	M	1 TO 2	US	M	3 TO 6	IN	N			M	3 TO 6	IN
Deer Creek Township	M	1 TO 2	IN/PD	M	1 TO 2	IN/PD												

Municipality/ Organization	Scour at Outfalls			Property/Infrastructure Damage			Pollution			Habitat/Resource Damage			Bridge/Culvert Damage			Other		
	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause
New Lebanon				M	1 TO 2	UN	N			N			M	3 TO 6	IN			
Deer Creek																		

Severity: S - Severe M - Moderate N- None Cause: IN - Increased Runoff PD - Poor Drainage US - Undersized Structure FD - Floodplain Development UN - Unknown Frequency: <1 year 1-2 years 3-6 years >6 years

Sandy Creek  
Watershed

**Figure 3.**  
**Compilation of Data from Question #3.**

Indicate how important you believe it is to address each of these five key stormwater considerations. 1 - Not important to 5 - Very Important

Municipality/ Organization	Question 3				
	Peak Flow Rates	Water Quality	Groundwater Recharge	Stream Erosion	Flooding
Deer Creek Township	4		4	4	3
New Vernon Township	4	3	4	5	4
Salem Township	4	2	2	3	2
Sandy Creek Township	2	2	2	5	2
Sandy Lake Borough	5	5	5	5	5
Sandy Lake Township	2	2	2	2	2
Sheakleyville Borough	2	3	2	2	3
Stoneboro Borough	5	5	5	5	3
Worth Township	2	2	3	3	3

Sandy Creek Watershed

Figure 4.

Question 6: Types of stormwater problems: indicate the frequency, severity, and cause.

Municipality/ Organization	Stream Flooding			Street Flooding			Property Flooding			Soil Erosion			Sediment in Streams			Stream Bed/Bank Erosion		
	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause
Deer Creek Township	M	1 TO 2	IN/PD	M	1 TO 2	IN/PD												
New Vernon Township	M	1 TO 2	IN	M	<1	IN	M	1 TO 2	IN	M	1 TO 2	IN	M		IN	M	1 TO 2	IN
Salem Township	M	1 TO 2	IN	N			N			M	1 TO 2	IN	M	1 TO 2	IN	M	1 TO 2	
Sandy Creek Township	M	1 TO 2	FD	N			N			S		IN	N			S		IN
Sandy Lake Borough	S	1 TO 2	IN/PD	S	1 TO 2	IN/PD	M	1 TO 2	IN	S	1 TO 2	IN	S	1 TO 2	IN/PD	S	1 TO 2	IN
Sandy Lake Township	M			M			N			M			M			N		
Sheakleyville Township	M	3 TO 6	IN	N			N			N			N			N		
Stoneboro Borough	M	1 TO 2	PD	M	1 TO 2	PD	M	1 TO 2	PD	N			M	1 TO 2	PD	N		
Worth Township	N			N			N			N			N			M	>6	UN

Municipality/ Organization	Scour at Outfalls			Property/Infrastructure Damage			Pollution			Habitat/Resource Damage			Bridge/Culvert Damage			Other		
	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause
Deer Creek Township																		
New Vernon Township	M	1 TO 2	IN	M	3 TO 6	IN	M	3 TO 6	IN	N	3 TO 6	IN	M	<1	IN			
Salem Township	N			N			N			N			M	1 TO 2		N		
Sandy Creek Township	N			N	1 TO 2		N			N			M		IN/US			
Sandy Lake Borough	M	1 TO 2		M	1 TO 2	IN/PD	M	1 TO 2	IN	M	1 TO 2	IN/PD	M	1 TO 2	IN/US			
Sandy Lake Township	N			M			M			N			M					
Sheakleyville Township	N			N			N			N			M	3 TO 6	IN			
Stoneboro Borough	N			M	1 TO 2	PD	N			N			N			N		
Worth Township	N			N			N			N			N			N		

Severity: S - Severe M - Moderate N - None Cause: IN - Increased Runoff PD - Poor Drainage US - Undersized Structure FD - Floodplain Development UN - Unknown Frequency: <1 year 1-2 years 3-6 years >6 years

Wolf Creek  
Watershed

**Figure 5.**  
**Compilation of Data from Question #3.**

Indicate how important you believe it is to address each of these five key stormwater considerations. 1 - Not important to 5 - Very Important

Municipality/ Organization	Question 3				
	Peak Flow Rates	Water Quality	Groundwater Recharge	Stream Erosion	Flooding
Grove City	5	3	3	3	4
Liberty Township	2	2	2	2	3
Pine Township	4	3	3	4	3
Springfield Township	5	5	3	4	4
Wolf Creek Township	3	2	2	2	4
Worth Township	2	2	3	3	3

Wolf Creek Watershed

**Figure 6.**  
**Question 6: Types of stormwater problems: indicate the frequency, severity, and cause.**

Municipality/ Organization	Stream Flooding			Street Flooding			Property Flooding			Soil Erosion			Sediment in Streams			Stream Bed/Bank Erosion		
	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause
Grove City	M	<1	IN	M	<1	IN/PD	M	<1	IN/PD	N	N/A	IN	M	1 TO 2	UN	N	N/A	N/A
Liberty Township	N			M	3 TO 6		N			M	>6	IN	N			N		
Pine Township	N			N			M	1 TO 2	IN/PD	N			N			M	1 TO 2	IN
Springfield Township	M				>6	Stream Flooding	M	1 TO 2	Stream Flooding	N								
Wolf Creek Township	M	3 TO 6	IN	M	3 TO 6	IN	M	3 TO 6	IN	M	>6	IN	M	>6	IN	M	>6	IN
Worth Township	N			N			N			N			N			M	>6	UN

Municipality/ Organization	Scour at Outfalls			Property/Infrastructure Damage			Pollution			Habitat/Resource Damage			Bridge/Culvert Damage			Other		
	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause
Grove City	M	3 TO 6	UN	M	<1	IN/PD	M	3 TO 6	UN	N	N/A	N/A	N	N/A	N/A	N		
Liberty Township	N			N			N			N			M	3 TO 6	IN			
Pine Township	N			M	1 TO 2	IN/PD	N			N			N					
Springfield Township	N			N			N						M	1 TO 2	Sediment in culverts			
Wolf Creek Township	M	>6	IN	M	>6	IN	N			N			M	>6	IN			
Worth Township	N			N			N			N			N			N		

Severity: S - Severe M - Moderate N- None Cause: IN - Increased Runoff PD - Poor Drainage US - Undersized Structure FD - Floodplain Development UN - Unknown Frequency: <1 year 1-2 years 3-6 years >6 years

Slippery Rock Creek  
Watershed

**Figure 7.**  
**Compilation of Data from Question #3.**

Indicate how important you believe it is to address each of these five key stormwater considerations. 1 - Not important to 5 - Very Important

Municipality/ Organization	Question 3				
	Peak Flow Rates	Water Quality	Groundwater Recharge	Stream Erosion	Flooding
Liberty Township	2	2	2	2	3
Springfield Township	5	5	3	4	4

**Slippery Rock Creek Watershed**

**Figure 8.**  
**Question 6: Types of stormwater problems: indicate the frequency, severity, and cause.**

Municipality/ Organization	Stream Flooding			Street Flooding			Property Flooding			Soil Erosion			Sediment in Streams			Stream Bed/Bank Erosion		
	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause
Liberty Township	N			M	3 TO 6		N			M	>6	IN	N			N		
Springfield Township	M				>6	Stream Flooding	M	1 TO 2	Stream Flooding	N								

Municipality/ Organization	Scour at Outfalls			Property/Infrastructure Damage			Pollution			Habitat/Resource Damage			Bridge/Culvert Damage			Other		
	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause
Liberty Township	N			N			N			N			M	3 TO 6	IN			
Springfield Township	N			N			N						M	1 TO 2	Sediment in culverts			

Severity: S - Severe M - Moderate N- None Cause: IN - Increased Runoff PD - Poor Drainage US - Undersized Structure FD - Floodplain Development UN - Unknown Frequency: <1 year 1-2 years 3-6 years >6 years

Neshannock Creek  
Watershed

**Figure 9.**  
**Compilation of Data from Question #3.**  
Indicate how important you believe it is to address each of these five key stormwater considerations. 1 - Not important to 5 - Very Important

Municipality/ Organization	Question 3				
	Peak Flow Rates	Water Quality	Groundwater Recharge	Stream Erosion	Flooding
Coolspring Township	5	5	5	5	5
Delaware Township	4	3	2	5	4
East Lackawannock Township	3	5	5	4	3
Findley Township	5	5	4	5	4
Fredonia Borough	1	1	1	1	1
Jackson Township	2	5	4	3	4
Jefferson Township	5	3	3	4	3
Mercer Borough	5	2	2	2	5
Otter Creek Township	4	4	5	5	5
Springfield Township	5	5	3	4	4
Wilmington Township	4	4	5	5	4
Wolf Creek Township	3	2	2	2	4
Worth Township	2	2	3	3	3

**Figure 10.**  
Question 6:Types of stormwater problems: indicate the frequency, severity & cause.

Municipality/ Organization	Stream Flooding			Street Flooding			Property Flooding			Soil Erosion			Sediment in Streams			Stream Bed/Bank Erosion		
	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause
Coolspring Township	M		IN	M		IN	M		IN	M		IN	M		IN	M		IN
Delaware Township	M	<1	IN	S	1 TO 2	US	M	>6	PD	M	<1	IN	M	1 TO 2	IN	N		
East Lackawannock Township	M	<1	IN	M	<1	IN	N			M	<1	IN	M	<1	IN	M	<1	
Findley Township	S	<1	IN/PD	M	1 TO 2	PD	M	3 TO 6	IN	N			S	<1	IN/PD	S	<1	IN/PD
Fredonia Borough	M	1 TO 2		N			N			N			N			N		
Jackson Township	M						M			M			M	<1		M		
Jefferson Township	M	3 TO 6	US/PD	M	1 TO 2	PD	M	1 TO 2	IN	M	1 TO 2	IN	M	3 TO 6	IN	M	3 TO 6	IN
Mercer Borough	S		NA	M		PD/US	S		PD/US	M		PD/US	M		NA	M		NA
Otter Creek Township	M	<1	PD	M	1 TO 2	PD	M	1 TO 2	PD	N			N			N		
Springfield Township	M				>6	Stream Flooding	M	1 TO 2	Stream Flooding	N								
Wilmington Township	M	3 TO 6	IN/PD	N			N			M	1 TO 2	IN/PD	M	3 TO 6	IN/PD	M	1 TO 2	IN/PD
Wolf Creek Township	M	3 TO 6	IN	M	3 TO 6	IN	M	3 TO 6	IN	M	>6	IN	M	>6	IN	M	>6	IN
Worth Township	N			N			N			N			N			M	>6	UN

Municipality/ Organization	Scour at Outfalls			Property/Infrastructure Damage			Pollution			Habitat/Resource Damage			Bridge/Culvert Damage			Other		
	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause
Coolspring Township		1 TO 2	IN		3 TO 6	UN	M		IN	M		IN		1 TO 2	US			
Delaware Township	S	<1	US	S	3 TO 6	PD	M	<1	IN	N			S	3 TO 6	US			
East Lackawannock Township	N			N			N			M	<1	IN	N					
Findley Township	M	3 TO 6	UN	N			M	>6	UN	M	>6	IN	N			N		
Fredonia Borough	N			N			N			N			N			N		
Jackson Township				M		IN	M		UN	M		UN	M					
Jefferson Township	M	3 TO 6	IN	M	3 TO 6	IN/PD	M	>6	IN	M	3 TO 6	IN	M	1 TO 2	US/IN			
Mercer Borough	N		NA	M		FD/NA	M			LITTLE		FD/NA	M		NA			
Otter Creek Township	N			M	1 TO 2	PD	N			N			M	1 TO 2	US			
Springfield Township	N			N			N						M	1 TO 2	Sediment in culverts			
Wilmington Township	M	1 TO 2	IN/PD/US	M	1 TO 2	IN/PD/US	M	1 TO 2	IN	N			M	1 TO 2	IN/PD/US			
Wolf Creek Township	M	>6	IN	M	>6	IN	N			N			M	>6	IN			
Worth Township	N			N			N			N			N			N		

Severity: S - Severe M - Moderate N- None Cause: IN - Increased Runoff PD - Poor Drainage US - Undersized Structure FD - Floodplain Development UN - Unknown Frequency: <1 year 1-2 years 3-6 years >6 years

## Little Neshannock Creek Watershed

Indicate how important you believe it is to address each of these five key stormwater considerations. 1 - Not important to 5 - Very Important

**Figure 11.**  
**Compilation of Data from Question #3.**

<b>Municipality/ Organization</b>	Question 3				
	Peak Flow Rates	Water Quality	Groundwater Recharge	Stream Erosion	Flooding
East Lackawannock Township	3	5	5	4	3
City of Hermitage	5	4	2	4	4
Jefferson Township	5	3	3	4	3
Shenango Township	5	3	5	5	3
Wilmington Township	4	4	5	5	4

**Figure 11.**  
Question 6: Types of stormwater problems: indicate the frequency, severity & cause the frequency,

Municipality/ Organization	Stream Flooding			Street Flooding			Property Flooding			Soil Erosion			Sediment in Streams			Stream Bed/Bank Erosion		
	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause
Coolspring Township	M		IN	M		IN	M		IN	M		IN	M		IN	M		IN
Delaware Township	M	<1	IN	S	1 TO 2	US	M	>6	PD	M	<1	IN	M	1 TO 2	IN	N		
East Lackawannock Township	M	<1	IN	M	<1	IN	N			M	<1	IN	M	<1	IN	M	<1	
Findley Township	S	<1	IN/PD	M	1 TO 2	PD	M	3 TO 6	IN	N			S	<1	IN/PD	S	<1	IN/PD
Fredonia Borough	M	1 TO 2		N			N			N			N			N		
Jackson Township	M						M			M			M	<1		M		
Jefferson Township	M	3 TO 6	US/PD	M	1 TO 2	PD	M	1 TO 2	IN	M	1 TO 2	IN	M	3 TO 6	IN	M	3 TO 6	IN
Mercer Borough	S		NA	M		PD/US	S		PD/US	M		PD/US	M		NA	M		NA
Otter Creek Township	M	<1	PD	M	1 TO 2	PD	M	1 TO 2	PD	N			N			N		
Springfield Township	M				>6	Stream Flooding	M	1 TO 2	Stream Flooding	N								
Wilmington Township	M	3 TO 6	IN/PD	N			N			M	1 TO 2	IN/PD	M	3 TO 6	IN/PD	M	1 TO 2	IN/PD
Wolf Creek Township	M	3 TO 6	IN	M	3 TO 6	IN	M	3 TO 6	IN	M	>6	IN	M	>6	IN	M	>6	IN
Worth Township	N			N			N			N			N			M	>6	UN

Municipality/ Organization	Scour at Outfalls			Property/Infrastructure Damage			Pollution			Habitat/Resource Damage			Bridge/Culvert Damage			Other		
	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause
Coolspring Township		1 TO 2	IN		3 TO 6	UN	M		IN	M		IN		1 TO 2	US			
Delaware Township	S	<1	US	S	3 TO 6	PD	M	<1	IN	N			S	3 TO 6	US			
East Lackawannock Township	N			N			N			M	<1	IN	N					
Findley Township	M	3 TO 6	UN	N			M	>6	UN	M	>6	IN	N			N		
Fredonia Borough	N			N			N			N			N			N		
Jackson Township				M		IN	M		UN	M		UN	M					
Jefferson Township	M	3 TO 6	IN	M	3 TO 6	IN/PD	M	>6	IN	M	3 TO 6	IN	M	1 TO 2	US/IN			
Mercer Borough	N		NA	M		FD/NA	M			LITTLE		FD/NA	M		NA			
Otter Creek Township	N			M	1 TO 2	PD	N			N			M	1 TO 2	US			
Springfield Township	N			N			N						M	1 TO 2	Sediment in culverts			
Wilmington Township	M	1 TO 2	IN/PD/US	M	1 TO 2	IN/PD/US	M	1 TO 2	IN	N			M	1 TO 2	IN/PD/US			
Wolf Creek Township	M	>6	IN	M	>6	IN	N			N			M	>6	IN			
Worth Township	N			N			N			N			N			N		

Severity: S - Severe M - Moderate N - None Cause: IN - Increased Runoff PD - Poor Drainage US - Undersized Structure FD - Floodplain Development UN - Unknown Frequency: <1 year 1-2 years 3-6 years >6 years

## Little Shenango River Watershed

Indicate how important you believe it is to address each of these five key stormwater considerations. 1 - Not important to 5 - Very Important

**Figure 13.**  
**Compilation of Data from Question #3.**

Municipality/ Organization	Question 3				
	Peak Flow Rates	Water Quality	Groundwater Recharge	Stream Erosion	Flooding
Greenville Borough	5	4	4	4	5
Hempfield Township	5	3	3	4	
New Vernon	4	3	4	5	4
Otter Creek	4	4	5	5	5
Salem Township	4	2	2	3	2
Sandy Creek Township	2	2	2	5	2

**Figure 14.**  
**Question 6: Types of stormwater problems: indicate the frequency, severity & cause.**

Municipality/ Organization	Stream Flooding			Street Flooding			Property Flooding			Soil Erosion			Sediment in Streams			Stream Bed/Bank Erosion		
	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause
Greenville Borough	S	1 TO 2	FD	S	3 TO 6	PD/US	S	1 TO 2	PD/US	M	1 TO 2	IN/US	S	3 TO 6	IN	S	>6	IN
Hempfield Township	N			N			M	<1		N			N			N		
New Vernon	M	1 TO 2	IN	M	<1	IN	M	1 TO 2	IN	M	1 TO 2	IN	M		IN	M	1 TO 2	IN
Otter Creek	M	<1	PD	M	1 TO 2	PD	M	1 TO 2	PD	N			N			N		
Salem Township	M	1 TO 2	IN	N			N			M	1 TO 2	IN	M	1 TO 2	IN	M	1 TO 2	
Sandy Creek Township	M	1 TO 2	FD	N			N			S		IN	N			S		IN

Municipality/ Organization	Scour at Outfalls			Property/Infrastructure Damage			Pollution			Habitat/Resource Damage			Bridge/Culvert Damage			Other		
	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause
Greenville Borough	M		IN	S	>6	US/PD	M	3 TO 6	IN/FD	M	3 TO 6	IN/FD	S	>6	IN/PD/US			
Hempfield Township	M	<1		N			N			N			N					
New Vernon	M	1 TO 2	IN	M	3 TO 6	IN	M	3 TO 6	IN	N	3 TO 6	IN	M	<1	IN			
Otter Creek	N			M	1 TO 2	PD	N			N			M	1 TO 2	US			
Salem Township	N			N			N			N			M	1 TO 2		N		
Sandy Creek Township	N			N	1 TO 2		N			N			M		IN/US			

Severity: S - Severe M - Moderate N- None Cause: IN - Increased Runoff PD - Poor Drainage US - Undersized Structure FD - Floodplain Development UN - Unknown Frequency: <1 year 1-2 years 3-6 years >6 years

Shenango River Watershed Figure 15.

Compilation of Data from Question #3.

Indicate how important you believe it is to address each of these five key stormwater considerations.

1 - Not important to 5 - Very Important

Municipality/ Organization	Question 3				
	Peak Flow Rates	Water Quality	Groundwater Recharge	Stream Erosion	Flooding
Clark Borough	5	4	1	4	5
East Lackawannock Township	3	5	5	4	3
City of Farrell	3	3	1	4	2
City of Hermitage	5	4	2	4	4
Jefferson Township	5	3	3	4	3
City of Sharon	5	4	2	4	5
Sharpsville Borough	5	5	1	3	4
Shenango Township	5	3	5	5	3
South Pymatuning Township	5	4	4	4	5
West Middlesex Borough	5	3	2	4	4
Wheatland Borough	5	2	1	1	5
Wilmington Township	4	4	5	5	4
Delaware Township	4	3	2	5	4
Greenville Borough	5	4	4	4	5
Hempfield Township	5	3	3	4	
West Salem Township	5	4	5	5	3

Figure 16.  
Question 6: Types of stormwater problems: indicate the frequency, severity & cause.

Municipality/ Organization	Stream Flooding			Street Flooding			Property Flooding			Soil Erosion			Sediment in Streams			Stream Bed/Bank Erosion		
	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause
Clark Borough	M	3 TO 6	IN	M	3 TO 6	US	M	3 TO 6	US	M	3 TO 6	IN	M	>6	IN	M	>6	IN
East Lackawannock Township	M	<1	IN	M	<1	IN	N			M	<1	IN	M	<1	IN	M	<1	
City of Farrell	M	1 TO 2	IN	M	<1	IN/US	M	<1	IN/PD	M	1 TO 2	IN	N			N		
City of Hermitage	M	3 TO 6	IN/US	M	3 TO 6	IN/US	M	1 TO 2	IN/PD	M	1 TO 2	IN/PD				M	1 TO 2	IN/FD
Jefferson Township	M	3 TO 6	US/PD	M	1 TO 2	PD	M	1 TO 2	IN	M	1 TO 2	IN	M	3 TO 6	IN	M	3 TO 6	IN
City of Sharon				S	<1	US	S	<1	PD	M	3 TO 6	IN	M	3 TO 6	IN	M	3 TO 6	IN
Sharpsville Borough	M	>6		M	>6		N						N		WALMART	M	>6	
Shenango Township	M	1 TO 2	IN	M	<1	PD	M	1 TO 2	PD	M	1 TO 2	IN	M	1 TO 2	PD	M	<1	IN
South Pymatuning Township	M		IN	M		PD	M		IN	M		IN	M		PD	M		PD
West Middlesex Borough	S	<1	US	M	<1	PD	M	1 TO 2	IN	M	1 TO 2	IN	M	1 TO 2	IN	M	1 TO 2	PD
Wheatland Borough				S	1 TO 2	US	S	1 TO 2	US									
Wilmington Township	M	3 TO 6	IN/PD	N			N			M	1 TO 2	IN/PD	M	3 TO 6	IN/PD	M	1 TO 2	IN/PD
Delaware Township	M	<1	IN	S	1 TO 2	US	M	>6	PD	M	<1	IN	M	1 TO 2	IN	N		
Greenville Borough	S	1 TO 2	FD	S	3 TO 6	PD/US	S	1 TO 2	PD/US	M	1 TO 2	IN/US	S	3 TO 6	IN	S	>6	IN
Hempfield Township	N			N			M	<1		N			N			N		
West Salem Township	M	>6	IN	N		UN	M	>6	IN	M	1 TO 2	IN	M	1 TO 2	IN	M	3 TO 6	IN

Municipality/ Organization	Scour at Outfalls			Property/Infrastructure Damage			Pollution			Habitat/Resource Damage			Bridge/Culvert Damage			Other		
	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause	Severity	Frequency	Cause
Clark Borough	M	>6	IN	M	3 TO 6	IN/US	M	>6		M	>6		M	3 TO 6	IN/US			
East Lackawannock Township	N			N			N			M	<1	IN	N					
City of Farrell	M	>6	IN	M	1 TO 2	IN	N			N			M		UN	N		
City of Hermitage	M	1 TO 2	IN	M	3 TO 6	US				M	1 TO 2	FD	N					
Jefferson Township	M	3 TO 6	IN	M	3 TO 6	IN/PD	M	>6	IN	M	3 TO 6	IN	M	1 TO 2	US/IN			
City of Sharon	M	1 TO 2											S	<1	IN			
Sharpsville Borough	M	>6		M	>6					N			N					
Shenango Township	M	<1	IN	N			M	1 TO 2	UN	M	1 TO 2	IN	M	1 TO 2	IN			
South Pymatuning Township	M		PD	M		IN	M		IN	M		IN	M		IN			
West Middlesex Borough	M	3 TO 6	PD	M	1 TO 2	PD							M	1 TO 2	IN			
Wheatland Borough				S	1 TO 2													
Wilmington Township	M	1 TO 2	IN/PD/US	M	1 TO 2	IN/PD/US	M	1 TO 2	IN	N			M	1 TO 2	IN/PD/US			
Delaware Township	S	<1	US	S	3 TO 6	PD	M	<1	IN	N			S	3 TO 6	US			
Greenville Borough	M		IN	S	>6	US/PD	M	3 TO 6	IN/FD	M	3 TO 6	IN/FD	S	>6	IN/PD/US			
Hempfield Township	M	<1		N			N			N			N					
West Salem Township	M	1 TO 2	IN	N	>6	UN	N	>6	UN	M	>6	UN	N	>6	UN			

Severity: S - Severe M - Moderate N- None Cause: IN - Increased Runoff PD - Poor Drainage US - Undersized Structure FD - Floodplain Development UN - Unknown Frequency: <1 year 1-2 years 3-6 years >6 years