

Hamilton Township (Mercer County) Stormwater Outfall Assessment Summary 2024: South Pond Run (Region 3)

Developed by the Rutgers Cooperative Extension Water Resources Program Funded by Hamilton Township, Mercer County, New Jersey August 21, 2024

Table of Contents

Introduction	1
Methods and Procedures	1
Summary of Key Findings	4
Recommendations	5
Attachment 1: Outfall Assessment Maps	
Attachment 2: Outfall Assessment Tables	

Acknowledgements

The Hamilton Township (Mercer County) Stormwater Outfall Assessment has been produced by the **Rutgers Cooperative Extension (RCE) Water Resources Program**.

Funding for this project was generously provided by the **Township of Hamilton**, **Mercer County**, **New Jersey** and in part by the **New Jersey Agricultural Experiment Station** through the United States Department of Agriculture.

Introduction

Hamilton Township, located in Mercer County, New Jersey, owns and operates over 300 stormwater outfalls that drain directly into waterways. This is a summary of the outfall pipe inspection program conducted in 2024. The purpose of the program is to provide an assessment of existing conditions related to stream scouring at stormwater outfall discharge locations in streams and waterways as well as identify potential illicit discharge connections. This assessment evaluates the overall integrity of the outfall structures, erosion caused by the outfalls, and other factors that may identify potential illicit discharges.

The outfalls assessed were previously inspected in 2015, 2017, and 2019. All outfalls that are "owned and operated" by Hamilton Township per the municipal separate storm sewer system (MS4) permit from the New Jersey Department of Environmental Protection (NJDEP) are required to be inspected once every five years. Moving forward, one of four inspection zones will be inspected each year with the fifth year used to find outfalls missed during initial inspection rounds. Region 3 includes the south branch of the Pond Run watershed, Shady Brook watershed, and Ducks Creek watershed within Hamilton Township.

All efforts for this project were for the purpose of inspecting outfall pipes that discharge directly to mapped streams. It was not the intent of this program to be a complete and comprehensive inventory of all stormwater pipes in the municipal separate storm sewer system (MS4), but all effort has been made to identify and inspect those discharging near or directly to streams. The assessments were performed in June 2024 by the Rutgers Cooperative Extension (RCE) Water Resources Program.

Methods and Procedures

A multi-part approach was taken to assess stormwater outfalls that discharge directly to waterways in Hamilton Township. A geographic information system (GIS) was used to visualize the location of mapped outfall locations using existing data. A data collection layer was created using ArcGIS Pro to digitize the inspection forms provided by NJDEP: "Outfall Inspection Form" and "Illicit Connection Inspection Report Form" for easier data collection. Environmental Systems Research Institute's (ESRI) Field Maps software was used as this

software allows for data collection using smart phones or tablets in the field even if internet connection is unavailable. This collected data can then be easily synced later to the main dataset without having to compile the data. The software allowed staff to photograph, record data, and update the geolocation of each stormwater outfall assessed. This collected data included information about the properties of the outfall (type, size, material, etc.), needs for maintenance or repair of outfall structures, presence of stream scouring, and the potential of an illicit discharge. This collected data was then processed and standardized as needed for consistency across the dataset.

A total of 86 outfalls were located and assessed following 72 hours of no rainfall* in 2024. There were 12 outfalls that were not found or inaccessible that were identified in previous inspection efforts. Of these, eight (8) could not be located, and the remaining four (4) could not be accessed or seen due to water levels in the stream being too high. There were five (5) outfalls from previous inspections that were reassessed as not being outfalls (culverts). There was one (1) outfall removed from the database because two adjacent outfall pipes on the same headwall are considered one outfall point. This leads to an updated total outfall number of 414 outfalls in Hamilton Township, 98 of which are located in Region 3 (i.e., the south branch of the Pond Run subwatershed, the Shady Brook subwatershed, and the Ducks Creek subwatershed).

The outfall ID numbers were also reassigned to align with the stormwater management goals more closely. The previous ID numbers used a grid that is not actively utilized, so an ID that includes the watershed abbreviation was used instead. The outfalls were renumbered with low values upstream and high values downstream. When new outfalls are identified or installed, they will be assigned the next number in the sequence. Outfall IDs will be reassigned each year as each round of inspections is completed to avoid disrupting the numbering scheme in the event outfalls are added or removed.

*Rainfall data from NJDEP's Rainfall Data Acquisition page for stations RA099, RA101, RA103, and RA107. No rainfall was considered if the average rainfall from these stations was 0.01 inch or less.

A prioritization was developed using the field data collected. Priority was given to outfalls that showed significant signs of deterioration, were causing downstream erosion, were unstable due to erosion, or showed signs of illicit connections. All outfalls were placed on a scale from 1 to 5 with 5 being the highest priority and needing immediate attention. Anything that has been assigned a priority level of 3 or higher should have action taken for maintenance or repair.

Summary of Key Findings

The following conclusions were formed after reviewing data for the 86 outfalls assessed. Out of the 86, a total of eight (8) of the assessed outfalls were designated as high priority (4 or 5), 25 were designated as medium priority (3), and 53 were designated as low to no priority (2 or 1). For scouring, three (3) have high, 15 have medium, 19 have low, and 49 have none. Action should be taken for any outfalls with high or medium levels of scour to prevent further erosion. The outfalls with low levels of erosion should be monitored for future issues. For maintenance, there were 17 outfalls in need of significant repair and 48 in need of maintenance either by clearing out sediment or patching cracking portions. For repair, there were five (5) outfalls with major cracking or corrosion in need of significant repair, and 18 with moderate cracking or corrosion and 36 outfalls with minor cracking or corrosion, in need of small repairs.

A total of 17 outfalls were suspected of illicit discharges during the initial investigation. Twelve out of seventeen outfalls will be investigated again during dry weather and sampled where possible to identify if these dry weather flows are potential illicit discharges. The results of the sampling will be summarized in an Illicit Discharge Detection Investigation 2024 report once completed.

Detailed information about each outfall assessed can be found in the Tabular Data section of this document. There are a series of tables highlighting each priority criteria. Summary maps of this information can be found in the Summary Maps section. The data with images of the outfalls can also be viewed using the web map (https://go.rutgers.edu/c1vplcv2). This is presented instead of the individual outfall assessment pages that were provided in previous reports to allow a more interactable version of these pages.

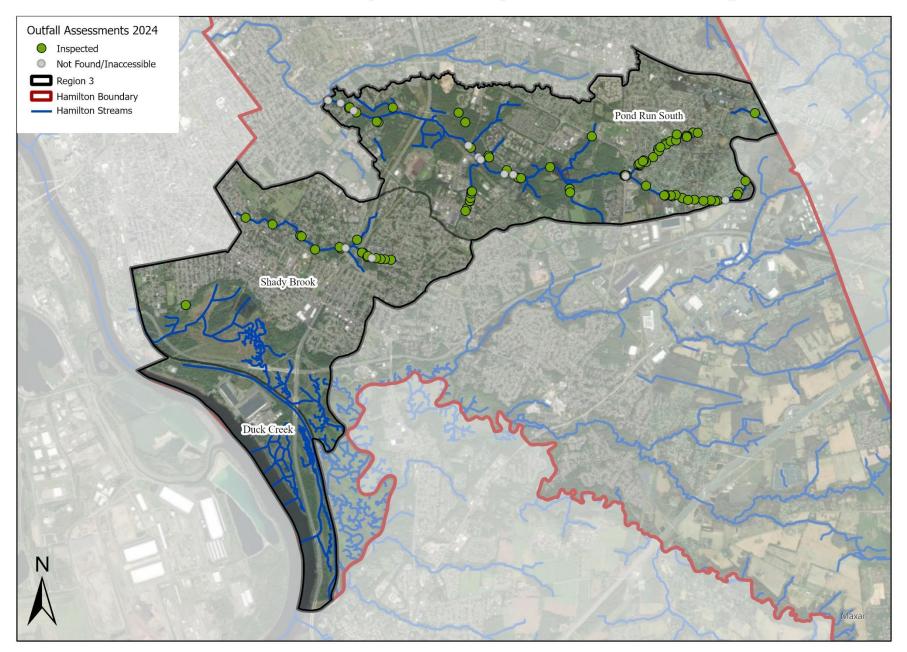
Recommendations

Based on the assessment and summary findings, recommendations are as follows:

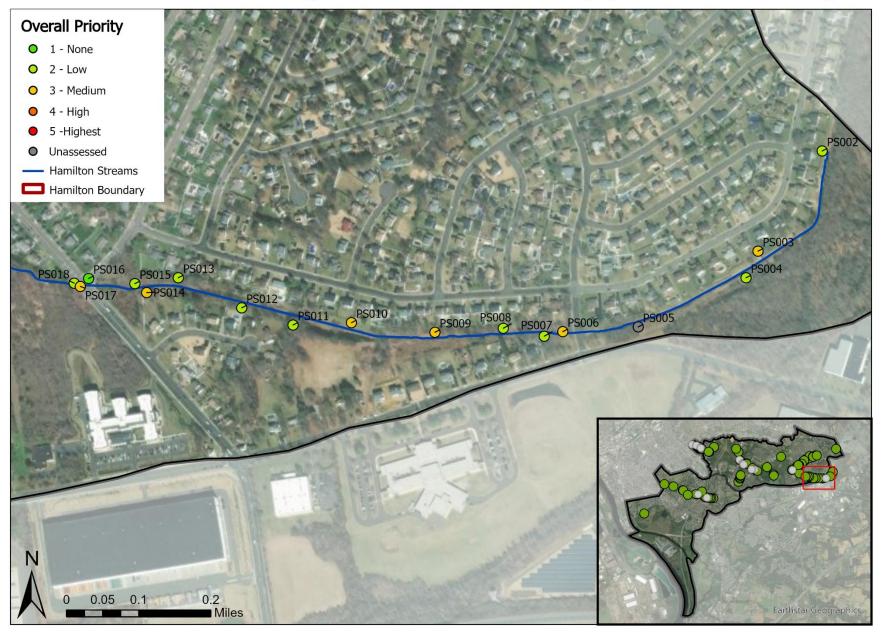
- 1. The eight (8) outfalls identified as high priority should be visited by Hamilton Township personnel, and a plan and schedule should be developed to take the necessary corrective actions as soon as possible.
- 2. A complete maintenance plan and schedule should be developed for all stormwater outfalls in Region 3 to address the deficiencies noted in this assessment in a timely manner starting with those with highest priority.
- 3. Each year, subsequent Regions should be inspected (Region 4 in 2025).
- 4. In the fifth year (2026), effort should be made to inspect outfalls which were not found during the initial round of inspections.

This assessment was not intended to be a complete and comprehensive inventory of all stormwater outfalls in the MS4 system. Efforts for this project focused solely on mapping and inventorying known outfall pipes discharging directly to mapped streams. Other outfalls in the municipal separate storm sewer system (MS4) likely exist and should be identified and added to the database as found.

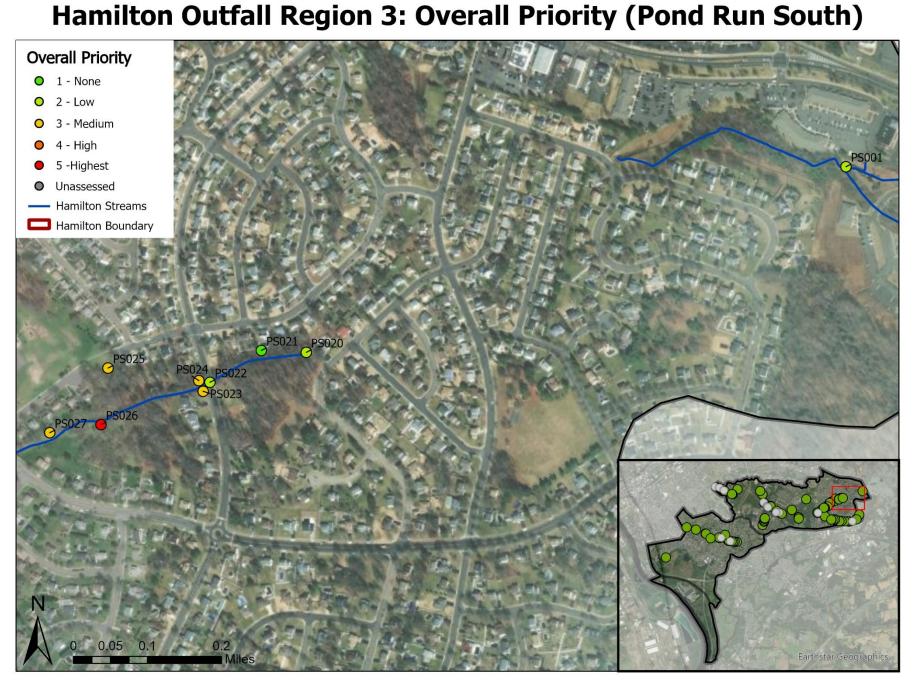
Attachment 1: Outfall Assessment Maps



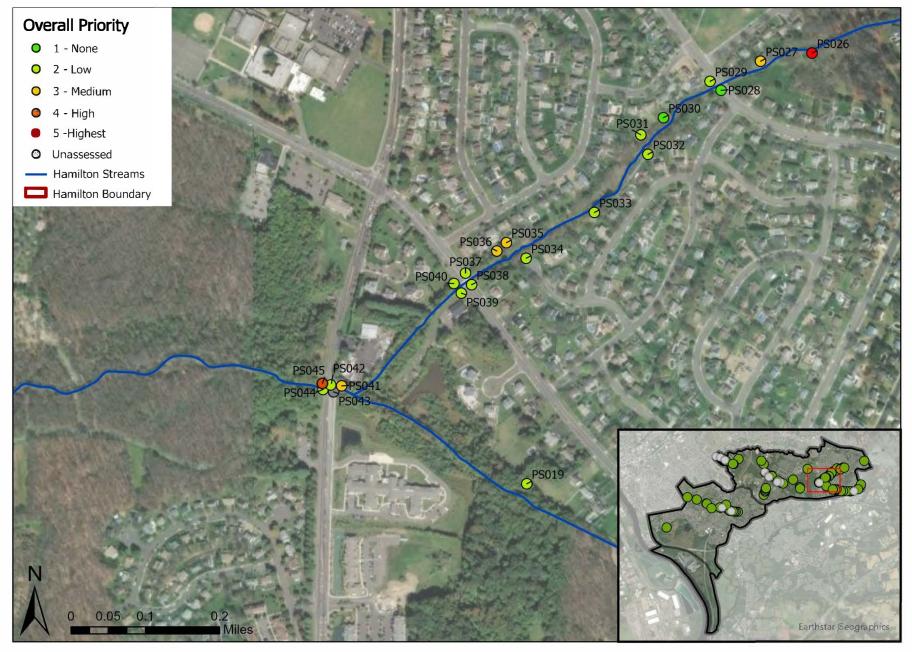
2024 Hamilton Township Outfall Inspection Overview: Region 3



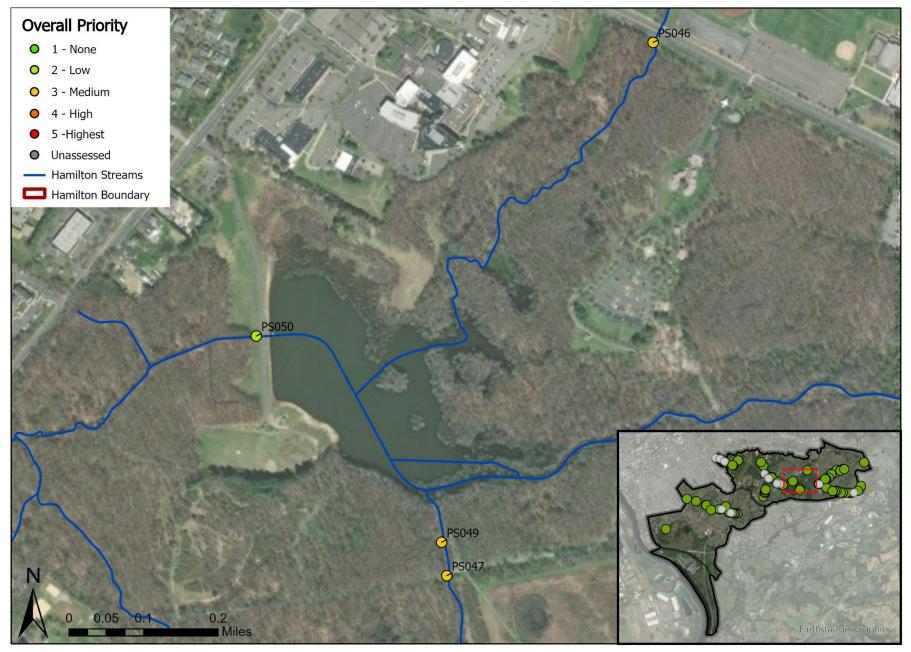
Overall Priority in Pond Run South (1 of 7)



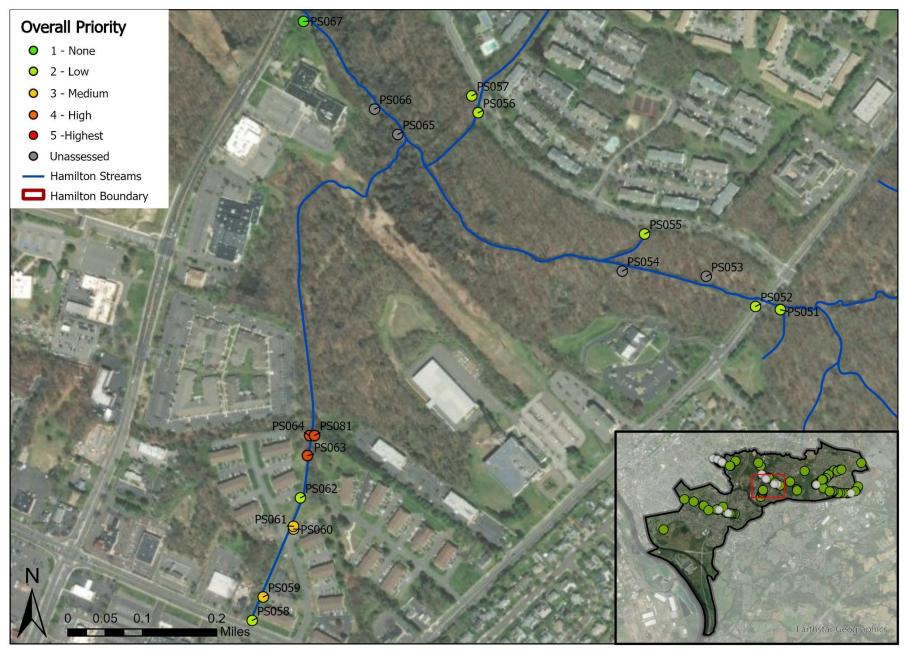
Overall Priority in Pond Run South (2 of 7)



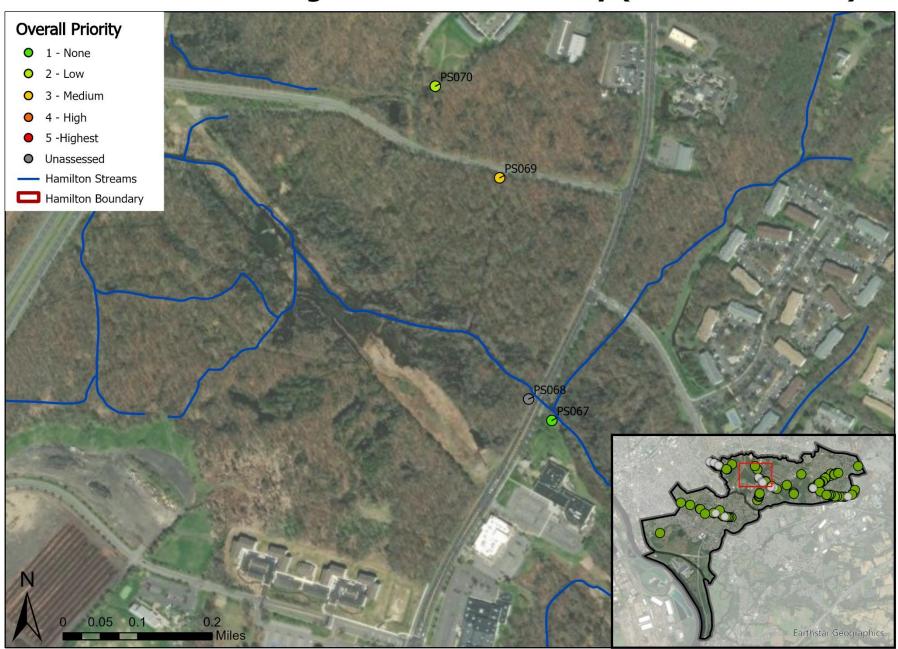
Overall Priority in Pond Run South (3 of 7)



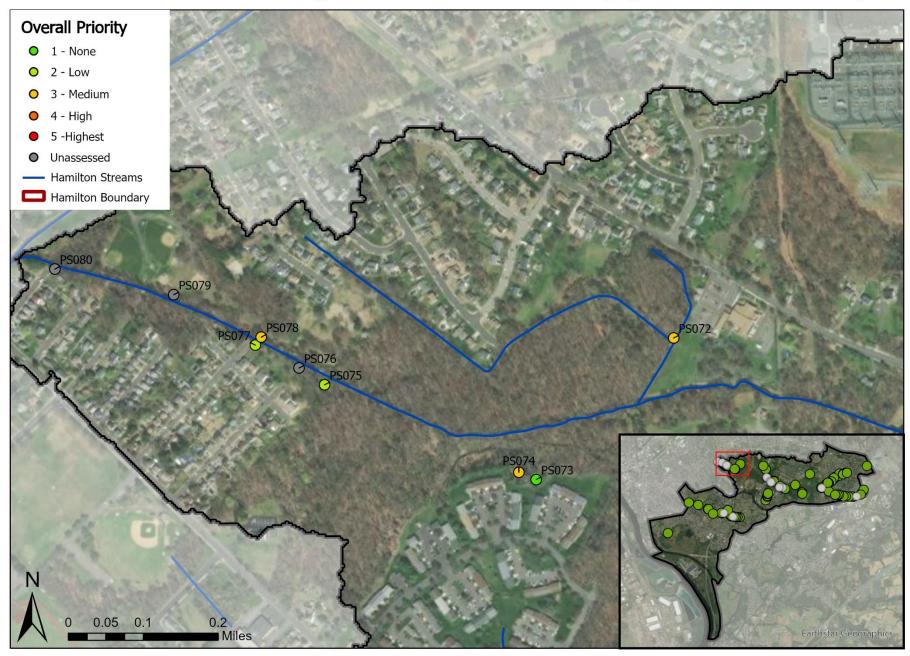
Overall Priority in Pond Run South (4 of 7)



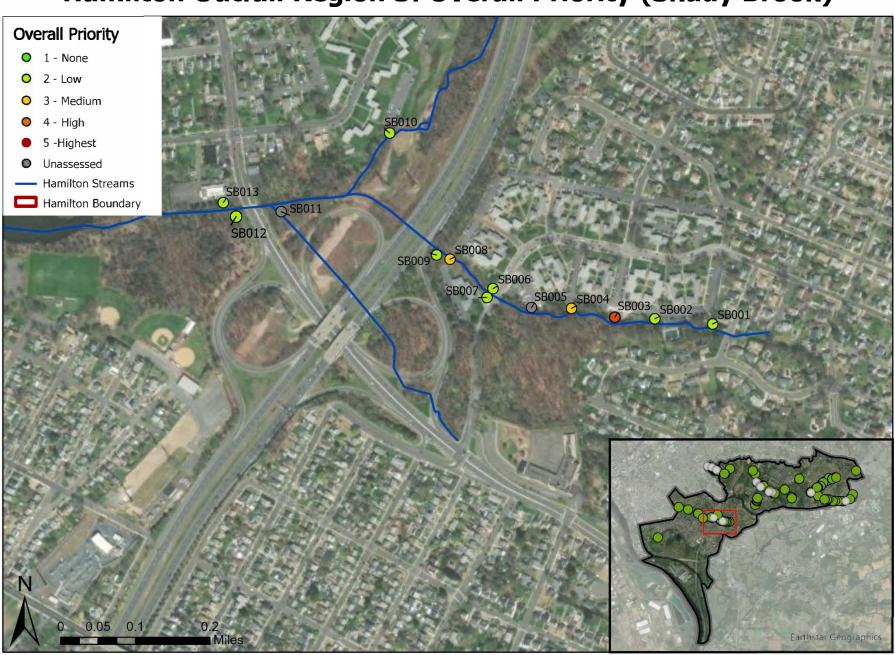
Overall Priority in Pond Run South (5 of 7)



Overall Priority in Pond Run South (6 of 7)

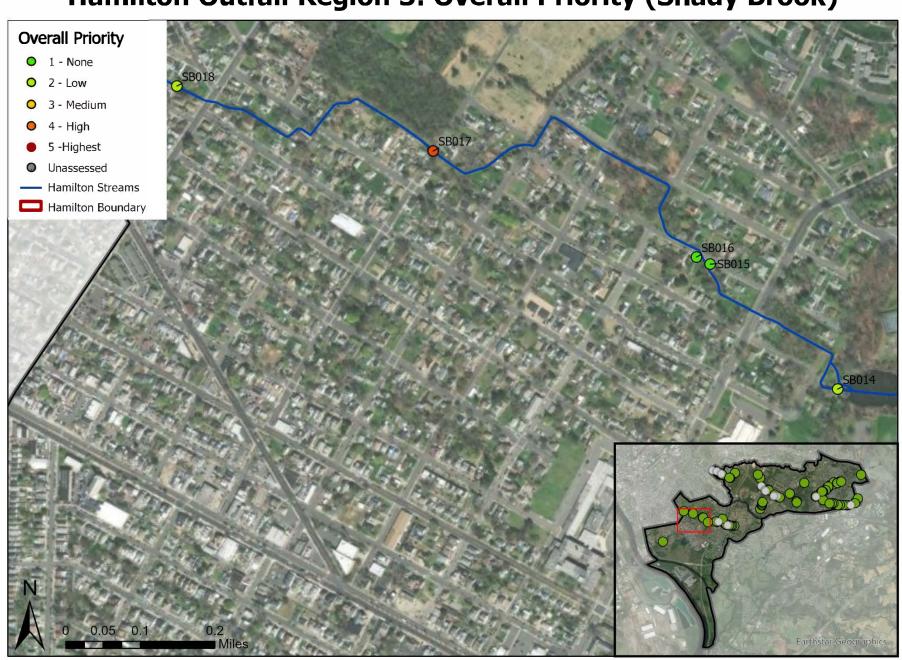


Overall Priority in Pond Run South (7 of 7)



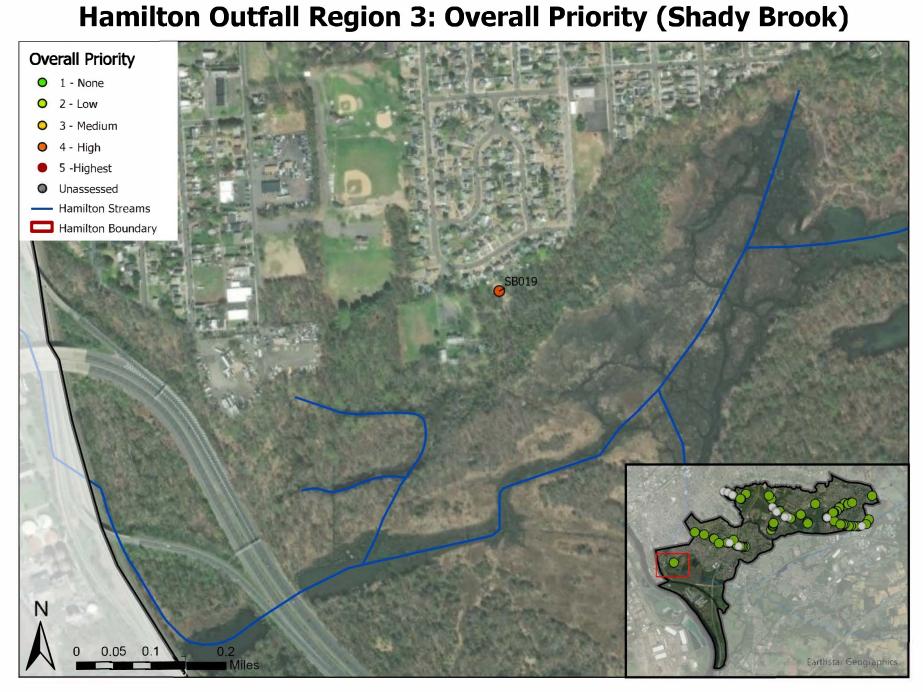
Hamilton Outfall Region 3: Overall Priority (Shady Brook)

Overall Priority in Shady Brook (1 of 3)

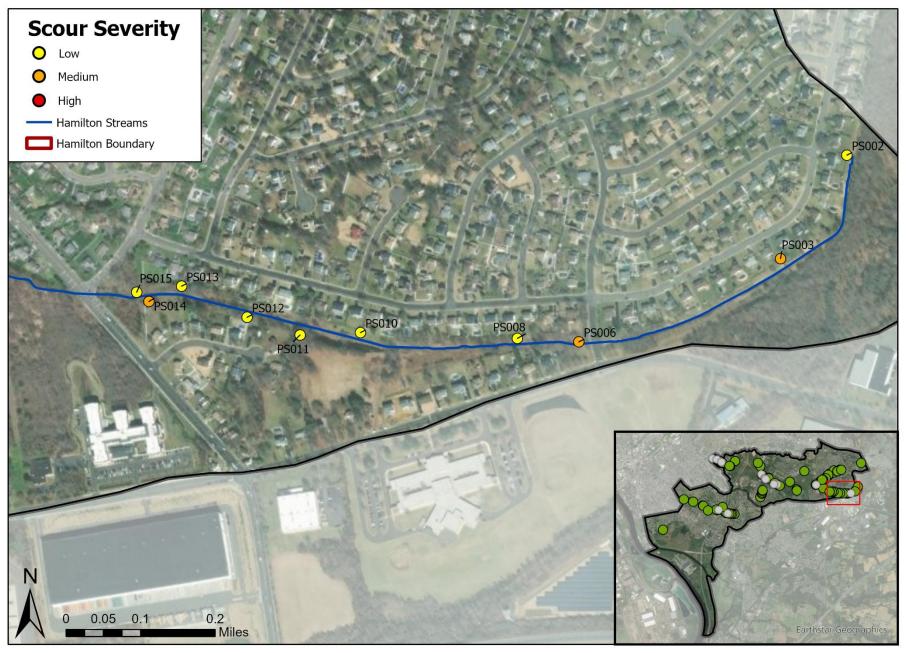


Hamilton Outfall Region 3: Overall Priority (Shady Brook)

Overall Priority in Shady Brook (2 of 3)



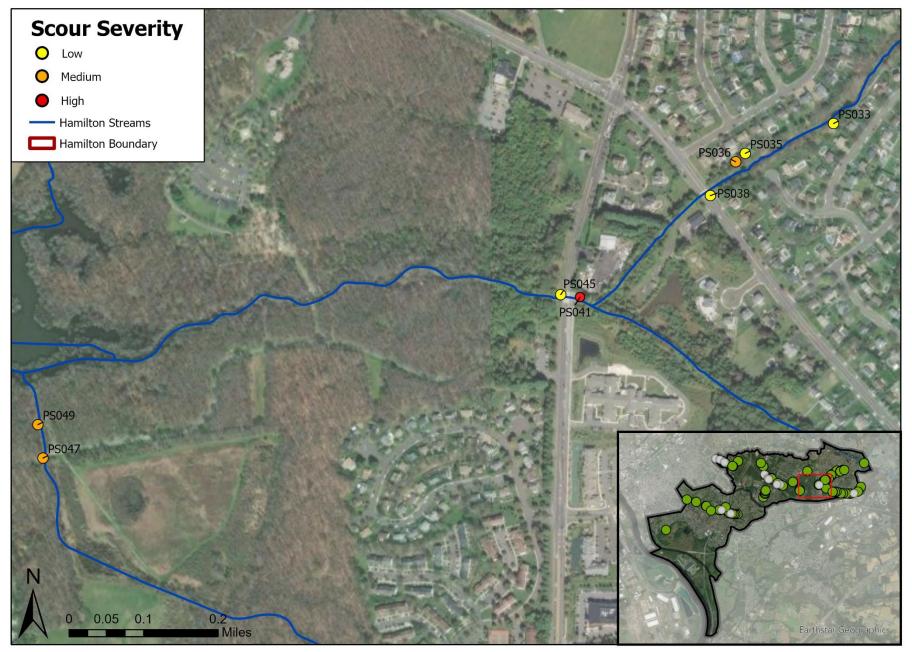
Overall Priority in Shady Brook (3 of 3)



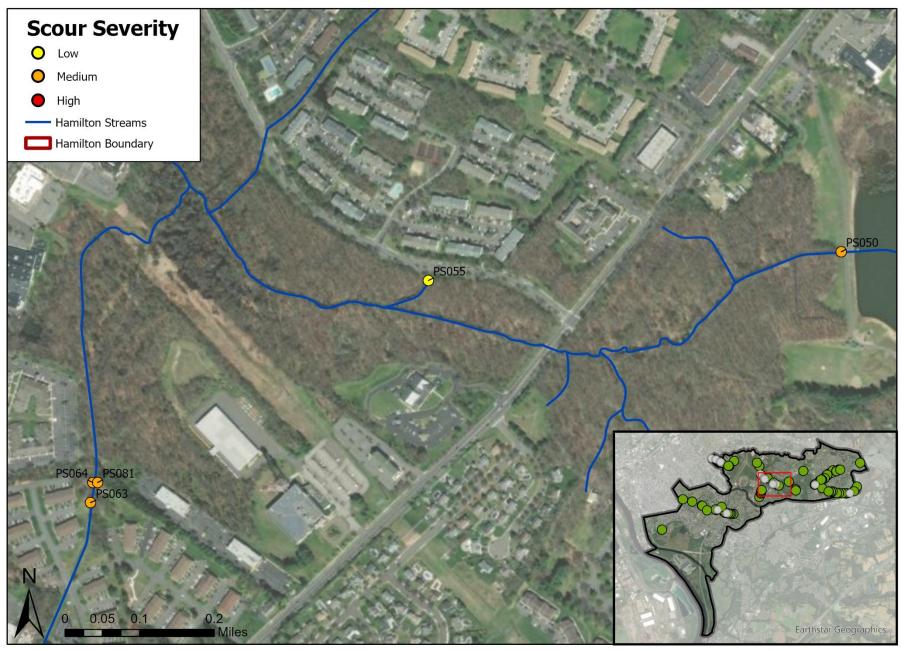
Scour Severity in Pond Run South (1 of 6)



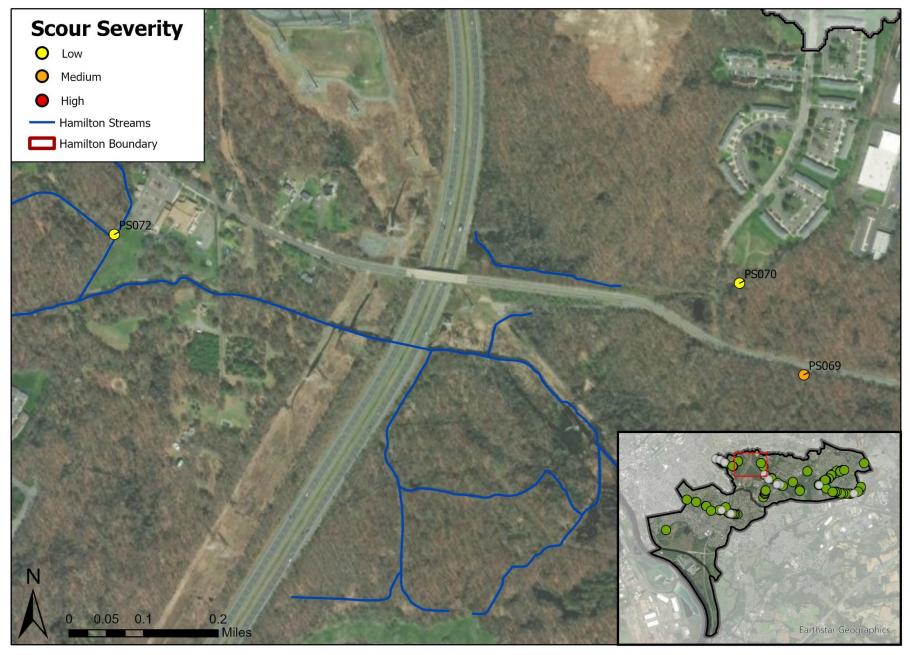
Scour Severity in Pond Run South (2 of 6)



Scour Severity in Pond Run South (3 of 6)



Scour Severity in Pond Run South (4 of 6)



Scour Severity in Pond Run South (5 of 6)

Scour Severity O Low Medium High Hamilton Streams Hamilton Boundary PS077 N 0.2 0.05 0.1 Earthstar Geographics Miles

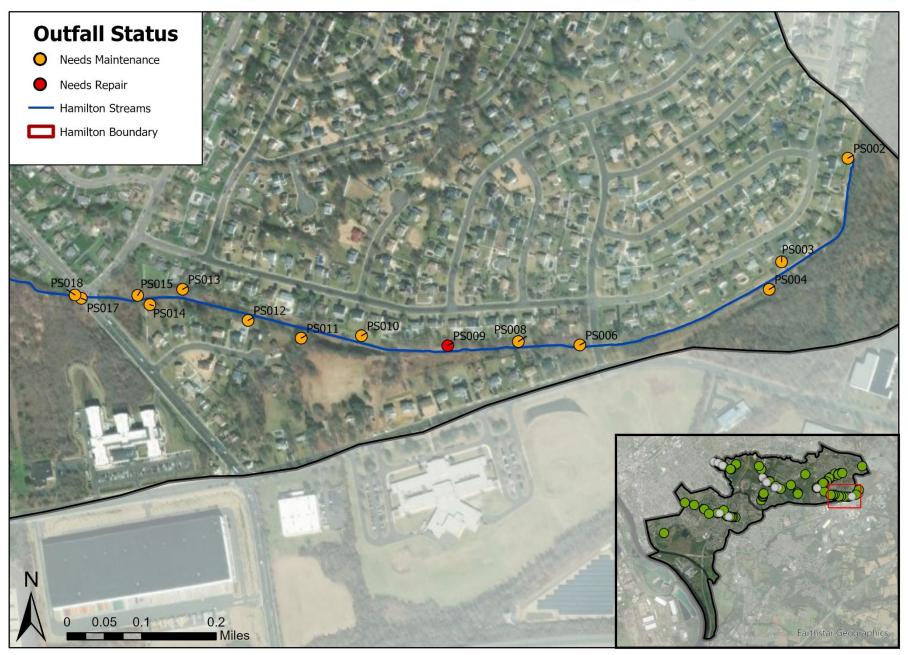
Hamilton Outfall Region 3: Erosion (Pond Run South)

Scour Severity in Pond Run South (6 of 6)

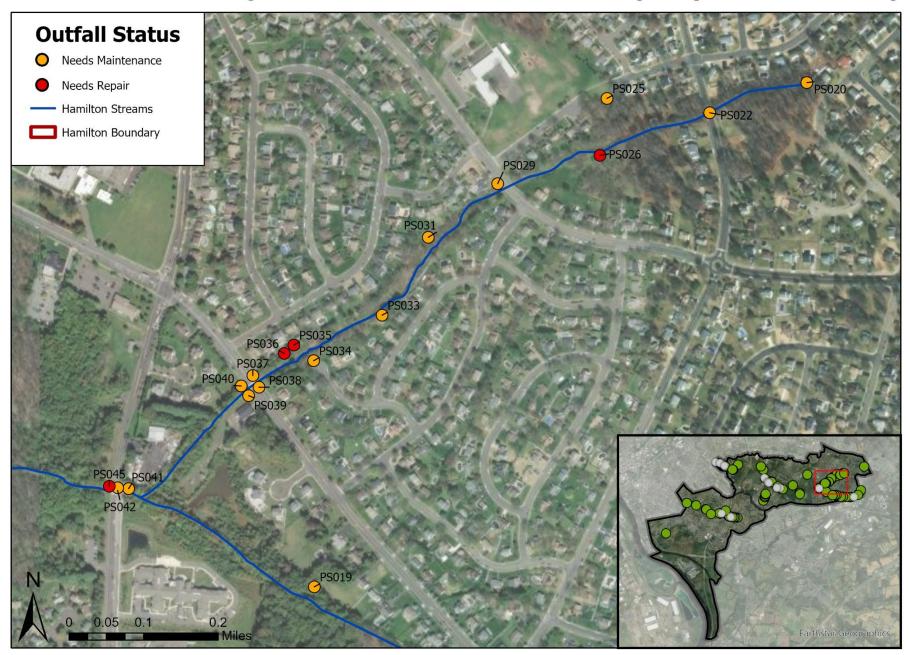
Hamilton Outfall Region 3: Erosion (Shady Brook)



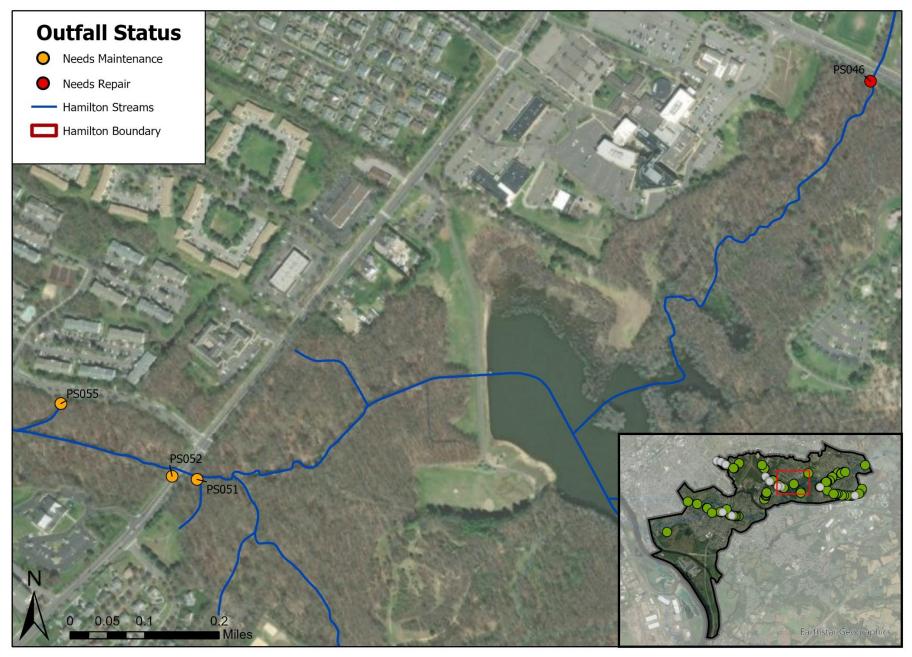
Scour Severity in Shady Brook (1 of 1)



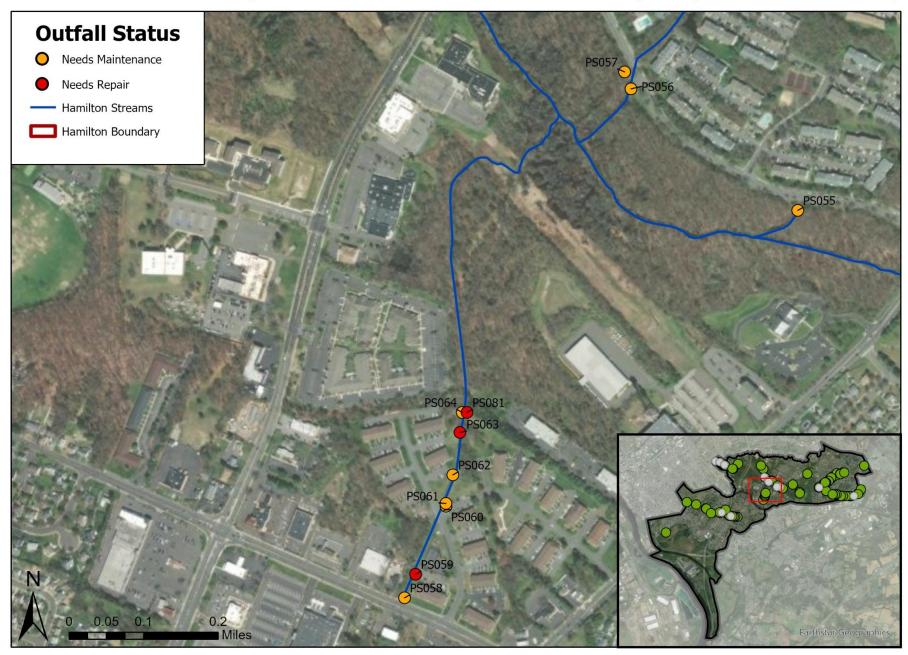
Outfall Status in Pond Run South (1 of 6)



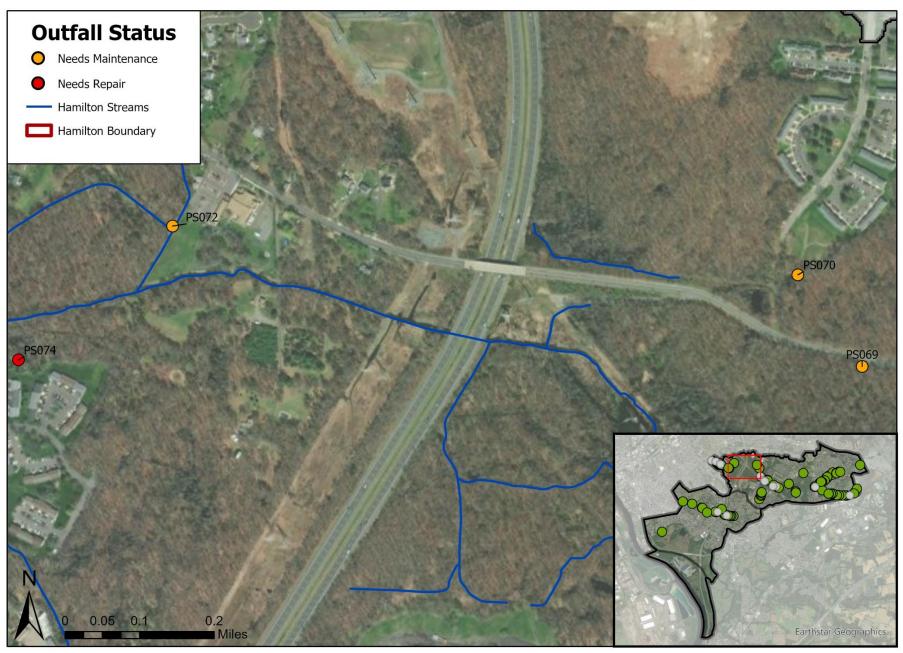
Outfall Status in Pond Run South (2 of 6)



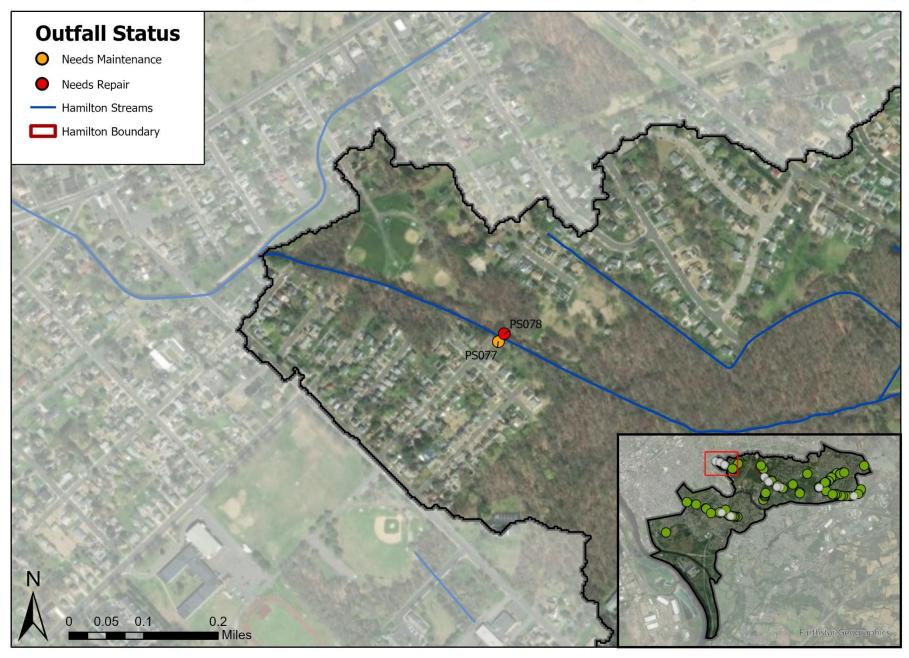
Outfall Status in Pond Run South (3 of 6)



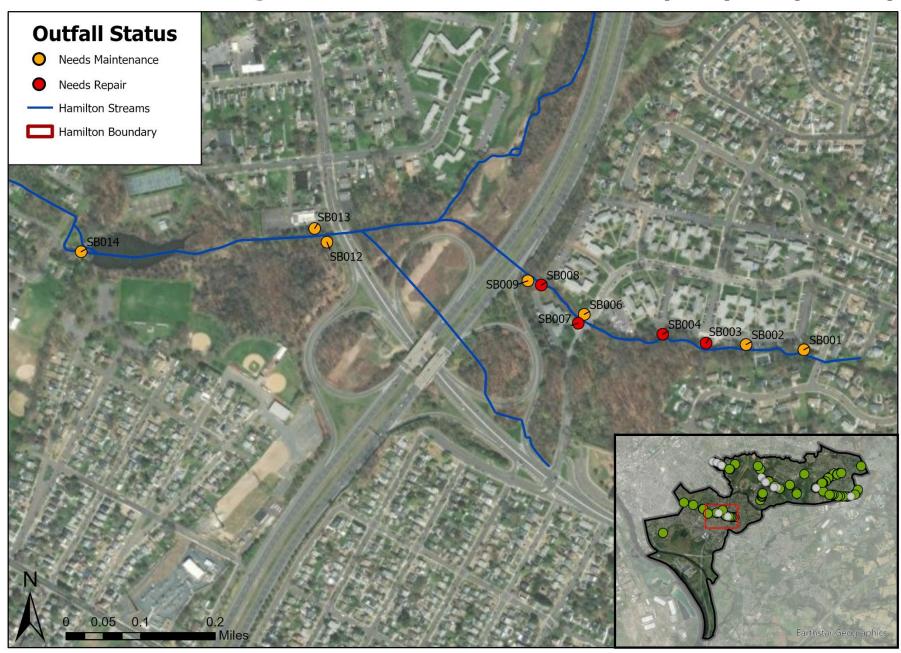
Outfall Status in Pond Run South (4 of 6)



Outfall Status in Pond Run South (5 of 6)



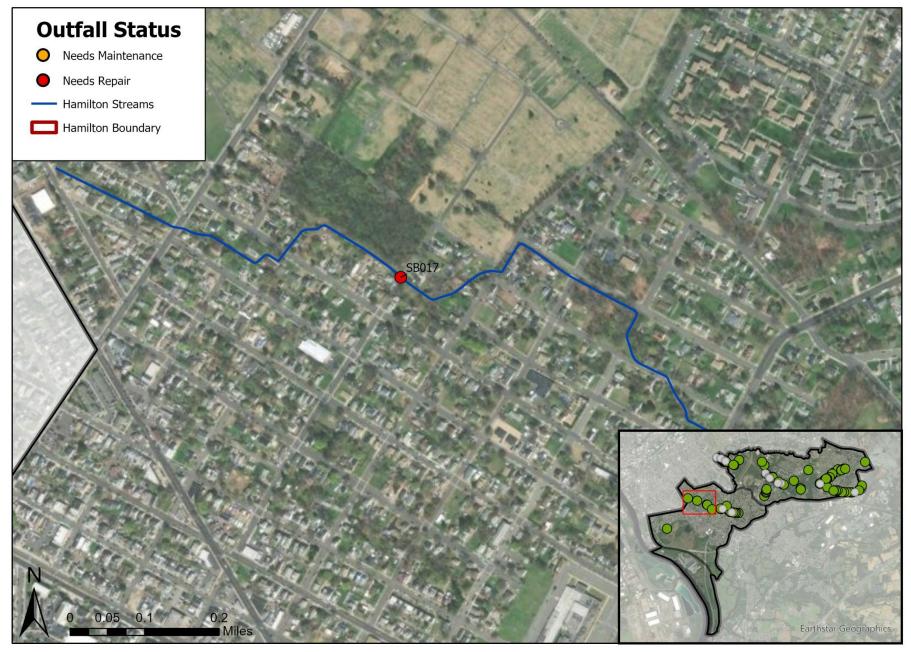
Outfall Status in Pond Run South (6 of 6)



Hamilton Outfall Region 3: Outfall Maintenance & Repair (Shady Brook)

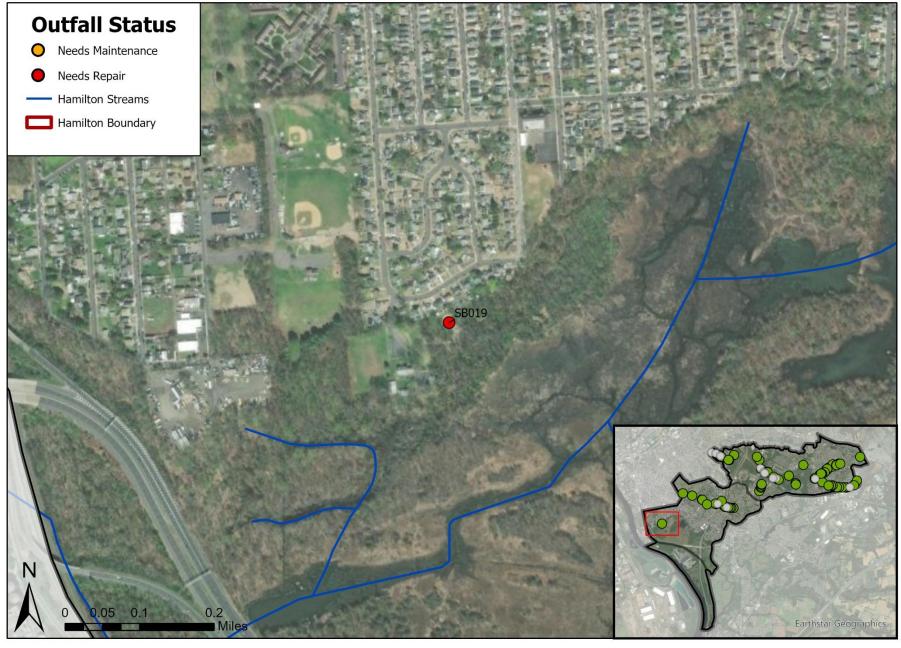
Outfall Status in Shady Brook (1 of 3)

Hamilton Outfall Region 3: Outfall Maintenance & Repair (Shady Brook)

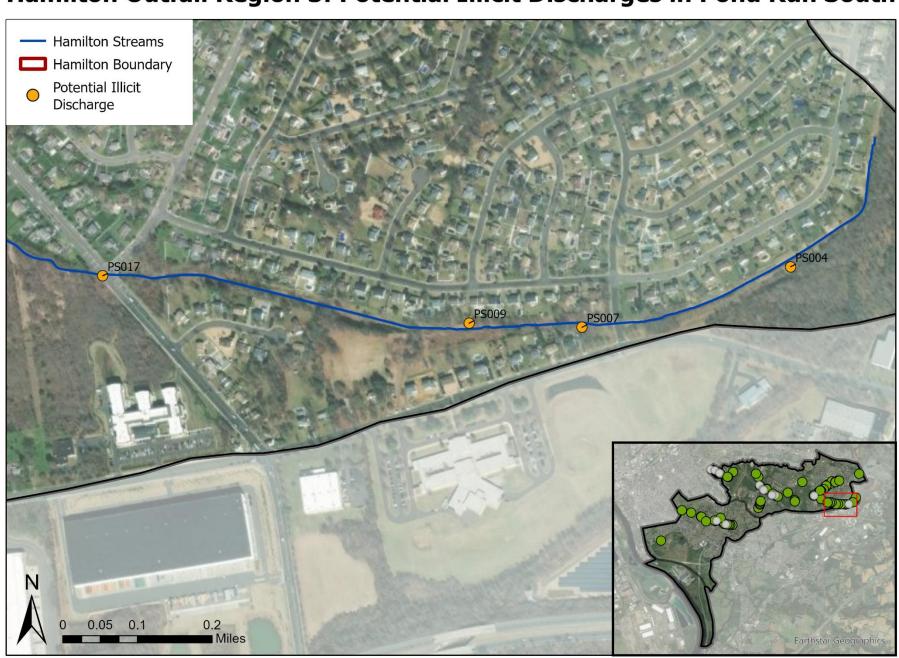


Outfall Status in Shady Brook (2 of 3)

Hamilton Outfall Region 3: Outfall Maintenance & Repair (Shady Brook)



Outfall Status in Shady Brook (3 of 3)



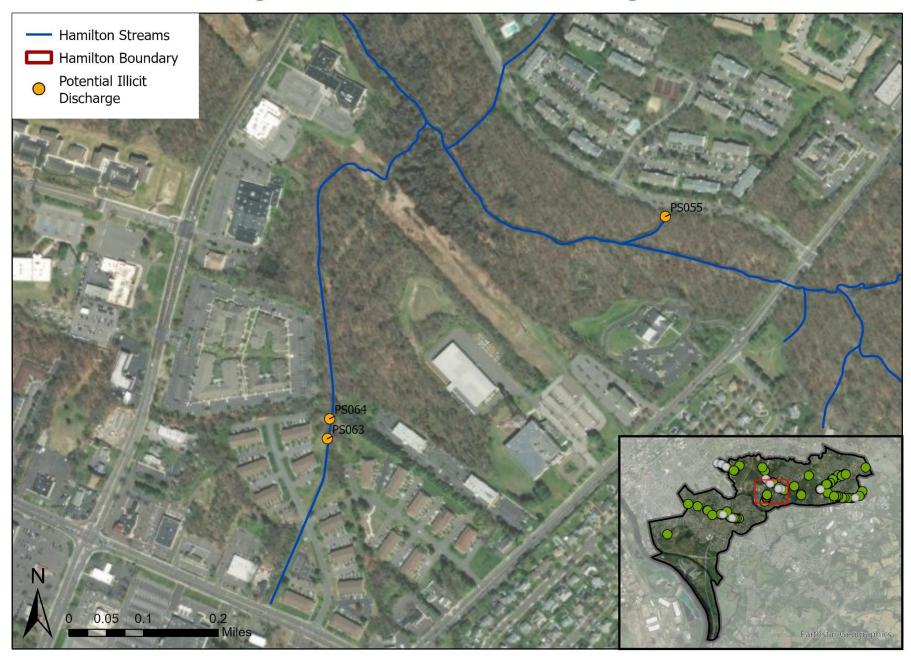
Hamilton Outfall Region 3: Potential Illicit Discharges in Pond Run South

Potential Illicit Discharge in Pond Run South (1 of 4)



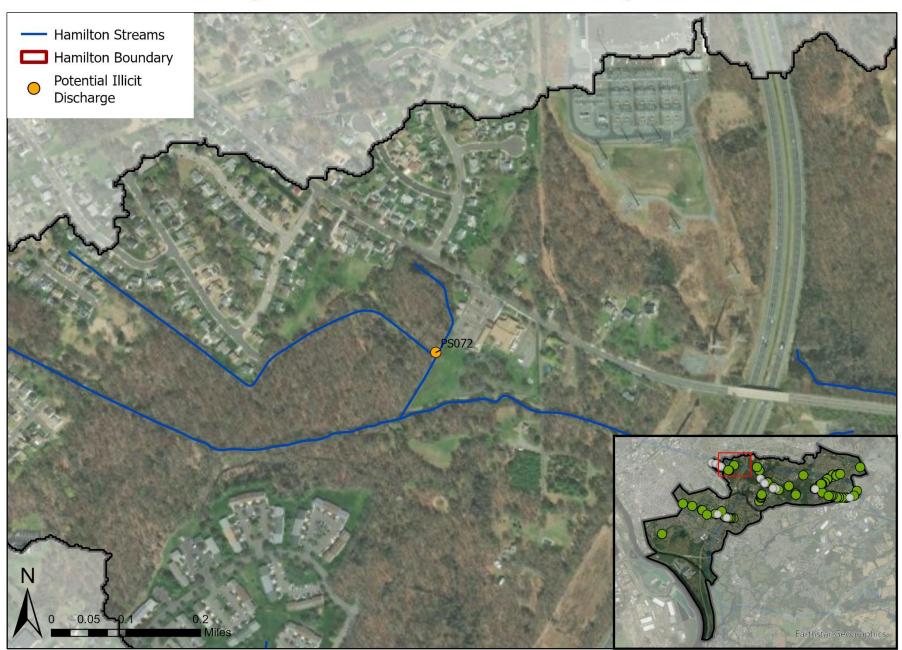
Hamilton Outfall Region 3: Potential Illicit Discharges in Pond Run South

Potential Illicit Discharge in Pond Run South (2 of 4)



Hamilton Outfall Region 3: Potential Illicit Discharges in Pond Run South

Potential Illicit Discharge in Pond Run South (3 of 4)



Hamilton Outfall Region 3: Potential Illicit Discharges in Pond Run South

Potential Illicit Discharge in Pond Run South (4 of 4)



Hamilton Outfall Region 3: Potential Illicit Discharges in Shady Brook

Potential Illicit Discharge in Shady Brook (1 of 1)

Attachment 2: Outfall Assessment Tables

General Color-Coding Key
Severe Issues
Significant Issues
Moderate Issues
Minor Issues
No Problems
Not Inspected

			Is the discharge	Pipe Diameter					Are there known				
			coming directly	[in] (if				Is the pipe fully or	non-stormwater				
Outfall ID	OLD ID	Subwatershed	from a pipe?	applicable)	Pipe Material	Reinspected	Date of Inspection	partially submerged?	discharges?	Outfall Condition	Bank Stability	Outfall Damage	Year Asses Previous
PS001	02010	Pond Run	Y	22	Concrete	Y	6/18/2024	N	Unknown	Proper condition	Good	1 - Minor Cracking or Corrosion	100171000011011000
PS002	B0503	Pond Run	Ý	30	Concrete	Ŷ	6/10/2024	Y (Partially Submerged)	Unknown	Needs Maintenance		1 - Minor Cracking or Corrosion	2015
PS003	B0502	Pond Run	Ŷ	24	Concrete	Ŷ	6/10/2024	Y (Partially Submerged)	Unknown	Needs Maintenance	Fair	No Damages	2015
PS004		Pond Run	Ý		Concrete	Ý	6/10/2024	Y (Partially Submerged)	Unknown	Needs Maintenance		1 - Minor Cracking or Corrosion	-7.7
PS005	B0501	Pond Run			Concrete	Not Found/Inaccessible			Unknown				2015
PS006	B0504	Pond Run	Y	48	Concrete	Y	6/10/2024	N	Unknown	Needs Maintenance	Good	No Damages	2015
PS007	B0505	Pond Run	Y	16	Concrete	Y	6/10/2024	N	Unknown	Proper condition	Good	No Damages	2015
PS008	B0506	Pond Run	Y	24	Concrete	Ý	6/10/2024	Y (Partially Submerged)	Unknown	Needs Maintenance		No Damages	2015
PS009	B0507	Pond Run	Y	48	Concrete	Y	6/10/2024	N	Unknown	Needs Repair	Good	2 - Moderate Cracking or Corrosion	2015
PS010	B0508	Pond Run	Y	36	Concrete	Y	6/10/2024	N	Unknown	Needs Maintenance	Good	2 - Moderate Cracking or Corrosion	2015
PS011		Pond Run	Y		Concrete	Y	6/10/2024	N	Unknown	Needs Maintenance	Good	No Damages	
PS012	B0509	Pond Run	Y	16	Concrete	Y	6/10/2024	N	Unknown	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	2015
PS013		Pond Run	Y	24	Concrete	Ý	6/10/2024	N	Unknown	Needs Maintenance		1 - Minor Cracking or Corrosion	
PS014	B0510	Pond Run	Y	20	Concrete	Y	6/10/2024	Y (Partially Submerged)	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	2015
PS015		Pond Run	Ý	36	Concrete	Ý	6/10/2024	N	Unknown	Needs Maintenance		1 - Minor Cracking or Corrosion	-7.7
PS016	B0511	Pond Run	Ý	32	Concrete	Ŷ	6/14/2024	N	Unknown	Proper condition	Good	1 - Minor Cracking or Corrosion	2015
PS017		Pond Run	Ý	22	Concrete	Ŷ	6/14/2024	N	Unknown	Needs Maintenance	Good	No Damages	
PS018		Pond Run	Ŷ	24	Concrete	Ý	6/14/2024	N	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	
PS019		Pond Run	Ý	12	Plastic: HDPE	Ŷ	6/10/2024	N	Unknown	Needs Maintenance		No Damages	
PS020		Pond Run	Ý	16	Concrete	Ŷ	6/10/2024	Y (Partially Submerged)	Unknown	Needs Maintenance		1 - Minor Cracking or Corrosion	
PS021	B0409	Pond Run	Ý	54	Concrete	Ŷ	6/10/2024	N N	Unknown	Proper condition	Good	No Damages	2015
PS022	B0410	Pond Run	Ŷ	24	Concrete	Y	6/10/2024	N	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	2015
PS023	B0412	Pond Run	Ŷ	36	Concrete	Ý	6/10/2024	N	Unknown	Proper condition	Good	No Damages	2015
PS024	B0411	Pond Run	V V	32	Concrete	v	6/10/2024	N	Unknown	Proper condition	Fair	No Damages	2015
PS024	B0407	Pond Run	Ý	76	Concrete	Y	6/10/2024	N	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	2015
PS026	B0406	Pond Run	Y	10	Concrete	Y	6/14/2024	N	Unknown	Needs Repair	Fair	3 - Major Cracking or Corrosion	2015
PS027	B0405	Pond Run	Y	24	Concrete	Ý	6/14/2024	N	Unknown	Proper condition	Good	No Damages	2015
PS028	B0402	Pond Run	V	16	Concrete	V	6/10/2024	N	Unknown	Proper condition	Good	No Damages	2015
PS020	B0402	Pond Run	Y	40	Concrete	Y	6/10/2024	Y (Partially Submerged)	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	2015
PS030	D0401	Pond Run	v	24	Concrete	· · · · · · · · · · · · · · · · · · ·	6/10/2024	N	Unknown	Proper condition	Good	No Damages	2013
PS031	B0403	Pond Run	V V	24	Concrete	V	6/10/2024	N	Unknown	Needs Maintenance		1 - Minor Cracking or Corrosion	2015
PS032	B0403	Pond Run	V I	16	Concrete	V	6/10/2024	Y (Partially Submerged)	Unknown	Proper condition	Fair	No Damages	2015
PS033	D0404	Pond Run	V V	30	Concrete	Y	6/10/2024	N	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	2013
PS034		Pond Run	Y	25	Concrete	Y	6/10/2024	N	Unknown	Needs Maintenance	Fair	No Damages	
PS035		Pond Run	V V	36	Concrete	V	6/14/2024	N	Unknown	Needs Repair	Fair	2 - Moderate Cracking or Corrosion	
PS036		Pond Run	v v	36	Concrete	V V	6/14/2024	N	Unknown	Needs Repair	Fair	2 - Moderate Cracking of Corrosion	1
PS030	C0404	Pond Run	Y	24	Concrete	Y	6/10/2024	N	Unknown	Needs Maintenance	Good	2 - Moderate Cracking of Corrosion	2015
PS037	C0404 C0403	Pond Run	V I	24	Concrete	V I	6/10/2024	N	Unknown	Needs Maintenance		2 - Moderate Cracking of Corrosion	2015
PS038	C0403 C0401	Pond Run	V V	24	Concrete	V I	6/10/2024	N	Unknown	Needs Maintenance		2 - Moderate Cracking of Corrosion	2015
PS040	C0401 C0402	Pond Run	Y	24	Concrete	V V	6/10/2024	N	Unknown	Needs Maintenance		1 - Minor Cracking or Corrosion	2015
PS040 PS041	C0402 C0408	Pond Run	Ý Y	12	Metal	r V	6/14/2024	N	Unknown	Needs Maintenance			2015
PS041 PS042	C0408 C0409	Pond Run	V	12	Concrete	V	6/10/2024	N	Unknown	Needs Maintenance		1 - Minor Cracking of Corrosion	2015
PS042 PS043	C0409 C0407	Pond Run		18	Metal	Not Found/Inaccessible	0/10/2024	IN	Unknown	Neeus Mainterlance	Guu	r - withor Gracking or Corrosion	2015
PS043 PS044	C0407 C0406	Pond Run	Y	36	Concrete	v	6/10/2024	N	Unknown	Proper condition	Good	No Damages	2015
PS044 PS045	C0406 C0405	Pond Run	Y	36	Concrete	Y	6/10/2024	N	Unknown	Needs Repair	Good	3 - Maior Cracking or Corrosion	2015
PS045 PS046	C0405 C0410	Pond Run	V	28	Concrete	V	6/14/2024	N	Unknown	Needs Repair	Good	2 - Moderate Cracking or Corrosion	2015
PS046 PS047	C0410	Pond Run		20	Concrete	Y V	6/14/2024	IN	Unknown	Proper condition	Good	2 - Moderate Cracking or Corrosion No Damages	2015
PS047 PS049		Pond Run	Y	36	Concrete	Y	6/14/2024	N	Unknown	Proper condition	Good	No Damages	
PS049 PS050	D0417	Pond Run Pond Run	T V	36	-	ř V	6/14/2024	Y (Partially Submerged)	Unknown			No Damages No Damages	2015
P3030	D0417	FUILU RUIT		30	Concrete	T	0/14/2024	r (r artially Submerged)	UNKNOWN	Proper condition	Good	No Damages	2015

									Adjacent Vegetation					
	Rainfall Last	Dry Weather	Illicit Discharge					Deposits or	(compared to other	Stream Scour	Scour	Scour		
Outfall ID	72hrs?	Flow?	Suspected?	Odor	Color	Turbidity	Floatables	Stains	areas)	Present?	Severity	Extent	Notes	Overall Priority
PS001	N	N	N							Y	Low	Under 10 ft	Excessive mud/sediment in front of the outfall	2 - Low
PS002	N	N	N							Y	Low	Under 10 ft	Very overgrown vegetation	2 - Low
PS003	N	N	N							Y	Medium	10-100 ft	Overgrown Vegetation, short channel of erosion	3 - Medium
50004					_	.		White						
PS004	N	N	Y	None	Brown	Cloudy	Other	crystalline	normal	N			White crystalline discharge and cracking around the outfall pipe.	2 - Low
DOOOF													Too much vegetation so couldn't find, past inspection notes pipe buried, could be underground at this point.	
PS005 PS006	N	N	N							V	Medium	Under 10 ft	Short scour channel from sediment accumulation	3 - Medium
PS007	N	Y	Y	None	Clear	Clear	None	None	normal	N	Medium	Under TUTI	Repaired w/ riprap, [Sampled]	2 - Low
1 3007	IN			None	Ciedi	Cieai	None	None	normai	IN			Sediments acculturating around and the outfall can be cleared	2 - LOW
PS008	N	Ν	N							Y	Low	Under 10 ft	and could use some maintenance.	2 - Low
PS009	N	Ŷ	Ŷ	None	Clear	Clear	None	None	normal	N			The head wall attachment is started to crumble and crack.	3 - Medium
													Cracks/structural damage & inappropriate use of storage on	
PS010	N	N	N							Y	Low	Under 10 ft	concrete	3 - Medium
													Hard to access surrounded by vegetation, diameter unable to	
PS011	N	N	N							Y	Low	10-100 ft	measure	2 - Low
PS012	Ν	N	N							Y	Low	Under 10 ft		2 - Low
PS013	Ν	N	N							Y	Low	Under 10 ft		2 - Low
PS014	N	N	N							Y	Medium	10-100 ft	Cracking around top outflow hole	3 - Medium
													Cracking around the concrete head. Erosion in the stream.	
PS015	N	N	N							Y	Low	Under 10 ft	Some overgrown vegetation	2 - Low
PS016	N	N	N					0.11		N			Remnants of dry weather flow that is dried up, orange in color	1 - None
PS017	N	Y	Y	None	Brown	Opaque	None	Other	normal	N			An orange discharge coming out from the outfall	3 - Medium
PS018	N	N	N							N			There is left over residue from old dry weather flow, orange in	2 - Low
P3016	IN	IN	IN						l	IN			color. Long channel leading down to stream, sediment could be	Z - LOW
PS019	N	N	N							N			removed from pipe	2 - Low
PS020	N	N	N							N			Tenoved non pipe	2 - Low
PS021	N	N	N							N			2 outlet pipes	1 - None
PS022	N	Ŷ	Y	None	Clear	Clear	None	None	normal	N			Blocked off by bricks, water still flowing through.	2 - Low
									excessive gowth or algal				, , , , , , , , , , , , , , , , , , , ,	-
PS023	N	Y	Y	None	Clear	Clear	None	Other	growth	N			Orange algae at the base of the outfall	3 - Medium
PS024	Ν	Y	Y	None	Clear	Clear	None	None	normal	Y	Medium	Under 10 ft	Pipe starting to be undermined from erosion	3 - Medium
PS025	N	Y	Y	None	Clear	Cloudy	None	Other	normal	Y	Medium	Under 10 ft		3 - Medium
PS026	Ν	N	N							Y	High	10-100 ft	Outfall is completely destroyed and is blocked with sediment	5 -Highest
PS027	N	N	N							Y	High	10-100 ft		3 - Medium
PS028	N	Y	N							N				1 - None
PS029	N	Y	Y	None	Clear	Cloudy	None	None	normal	N				2 - Low
PS030	N	N	N							N			O a diverse the exercised at the scheme of the second forms and fail	1 - None
PS031 PS032	N N	N N	N N							N N			Sediment accumulation should be cleaned from outfall Vegetation is overgrown	2 - Low 2 - Low
PS032 PS033	N	N	N N							Y	Low	Under 10 ft	Piece of concrete structure has broken off	2 - LOW 2 - LOW
PS033	N	N	N							N	LOW	Under TUTI	Path to River appears to be obstructed by a mound of soil	2 - Low 2 - Low
PS034 PS035	N	N	N							Y	Low	Under 10 ft	Sediment buildup outside outlet	3 - Medium
PS035	N	N	N							Y	Medium	Under 10 ft	Sediment buildup outside outlet	3 - Medium
PS037	N	N	N							N	modium	Shadi ioit	Countern Sandap Outside Outer	2 - Low
PS038	N	N	N							Y	Low	Under 10 ft		2 - Low
PS039	N	N	N							N				2 - Low
PS040	N	N	N							N				2 - Low
PS041	N	N	N							Y	High	10-100 ft	Extremely overgrown with thorn bushes	3 - Medium
													Three outfalls under bridge, all same diameter, recorded as one	
PS042	N	N	N							N			point	2 - Low
PS043													Locations in this area, unclear where this is at all???	
PS044	N	Y	Y	None	Clear	Clear	None	None	normal	N				2 - Low
PS045	N	Y	Y	None		Clear	None	None	normal	Y	Low	Under 10 ft	Major crack in bottom of pipe, needs repair	4 - High
													3 outfalls: 35 inches, 59 inches, 43 inches, Walls on the side of	
PS046	N	N	N							Y	Medium	Under 10 ft	3 outfalls: 35 inches, 59 inches, 43 inches. Walls on the side of bank to prevent scouring. Sediment buildup in the pipe	3 - Medium
F 3040	IN	IN	IN							'	Medium	Under 10 It	Sediment buildup in front of outfall is preventing water from	3 - Meuluiti
PS047	N		Ν							Y	Medium	10-100 ft	flowing freely	3 - Medium
1 0047											Modium	10-100 11	Debris blocking water flow, deleted adjacent point because both	3 - Wealand
													outflow pipes on the same headwall and considered one outfall	
PS049	N	N	N							Y	Medium	10-100 ft	point	3 - Medium
PS050	N	N	N							Y	Medium	10-100 ft	Outfall from lake	2 - Low

			Is the discharge coming directly	Pipe Diameter [in] (if				Is the pipe fully or	Are there known non-stormwater				
Outfall ID	OLD ID	Subwatershed	from a pipe?	applicable)	Pipe Material	Reinspected	Date of Inspection	partially submerged?	discharges?	Outfall Condition	Bank Stability	Outfall Damage	Year Asses Previous
PS051 PS052	D0415 D0414	Pond Run Pond Run	Y	18 35	Concrete Concrete	Y	6/18/2024 6/18/2024	Y (Partially Submerged)	Unknown Unknown	Needs Maintenance Needs Maintenance	Good Fair	1 - Minor Cracking or Corrosion	2015 2015
PS052 PS053	D0414 D0409	Pond Run Pond Run	Y	35	Concrete	Not Found/Inaccessible	6/18/2024	Y (Partially Submerged)	Unknown	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	2015
PS054	D0403	Pond Run			Clay	Not Found/Inaccessible	6/18/2024		Unknown				2015
PS055	D0410	Pond Run	Y	28	Concrete	Y	6/18/2024	Y (Partially Submerged)	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	2015
PS056	D0408	Pond Run	Y	36	Concrete	Y	6/18/2024	N	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	2015
PS057 PS058	D0407	Pond Run Pond Run	Y	10	Concrete Concrete	Y V	6/18/2024 6/18/2024	N	Unknown Unknown	Needs Maintenance Needs Maintenance	Good Good	1 - Minor Cracking or Corrosion 1 - Minor Cracking or Corrosion	2015
PS059		Pond Run	Y		Concrete	Y	6/18/2024	N	Unknown	Needs Repair	Good	2 - Moderate Cracking of Corrosion	
PS060		Pond Run	Y		Concrete	Ý	6/18/2024	Y (Fully Submerged)	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	
PS061		Pond Run	Y		Concrete	Y	6/18/2024	Y (Fully Submerged)	Unknown	Needs Maintenance	Fair	2 - Moderate Cracking or Corrosion	
PS062 PS063		Pond Run Pond Run	Y	16 20	Concrete Concrete	Y	6/18/2024 6/18/2024	Y (Partially Submerged)	Unknown	Needs Maintenance	Good Fair	1 - Minor Cracking or Corrosion	
PS063 PS064		Pond Run	ř V	20	Concrete	ř V	6/18/2024	N	Unknown Unknown	Needs Repair Needs Maintenance	Fair	3 - Major Cracking or Corrosion 1 - Minor Cracking or Corrosion	
PS065	D0406	Pond Run		20	Clay	Not Found/Inaccessible	6/18/2024		Unknown	noodo mantonarioo	, can		2015
PS066	D0405	Pond Run			Clay	Not Found/Inaccessible	6/18/2024		Unknown				2015
PS067	D0401	Pond Run	Y	26	Concrete	Y Nat Found	6/18/2024	Y (Fully Submerged)	Unknown	Proper condition	Fair	No Damages	2015
PS068 PS069	D0402 D0416	Pond Run Pond Run	v	29	Clay Concrete	Not Found/Inaccessible	6/18/2024 6/18/2024	Y (Partially Submerged)	Unknown Unknown	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	2015 2015
PS070	00410	Pond Run	Y	20	Concrete	Y	6/18/2024	N	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	2010
PS072		Pond Run	Y	36	Concrete	Y	6/18/2024	N	Unknown	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	
PS073		Pond Run	Y	24	Concrete	Y	6/18/2024	N	Unknown	Proper condition	Good	No Damages	
PS074 PS075	E0332	Pond Run Pond Run	Y	16 22	Concrete Concrete	Y	6/18/2024 6/20/2024	N Y (Partially Submerged)	Unknown Unknown	Needs Repair Proper condition	Good Good	2 - Moderate Cracking or Corrosion No Damages	2015
PS075	E0332	Pond Run	I	22	Concrete	Not Found/Inaccessible	0/20/2024	r (Farially Submerged)	Unknown	Floper condition		No Damages	2015
PS077	E0329	Pond Run	Y	24	Concrete	Y	6/18/2024	Y (Partially Submerged)	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	2015
PS078	E0330	Pond Run	Y	30	Concrete	Y	6/18/2024	Y (Partially Submerged)	Unknown	Needs Repair	Good	2 - Moderate Cracking or Corrosion	2015
PS079	E0328	Pond Run Pond Run	-	24	Concrete	Not Found/Inaccessible			Unknown Unknown	-	-		2015
PS080 PS081	F0301	Pond Run	Y	12	Clay Concrete	Not Found/Inaccessible	8/14/2024	N	Unknown	Needs Repair	Needs Stabilization	3 - Major Cracking or Corrosion	2015
		Shady Brook/Spring			Condicto		0/11/2021		CHARGE IN	rtoodo rtopan	Ttoodo otabilization		
SB001	F04 01	Lake/Rowan Lake	Y	44	Concrete	Y	6/14/2024	N	Unknown	Needs Maintenance	Good	2 - Moderate Cracking or Corrosion	2015
SB002	F0402	Shady Brook/Spring Lake/Rowan Lake	Y	36	Concrete	Y	6/14/2024	Y (Partially Submerged)	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	2015
36002	F0402	Shady Brook/Spring	I		Concrete		0/14/2024	r (Farially Submerged)	UTIKITOWIT	Neeus Maintenance	9000	1 - Minor Clacking of Corrosion	2015
SB003	F0403	Lake/Rowan Lake	Y	18	Concrete	Y	6/14/2024	Y (Partially Submerged)	Unknown	Needs Repair	Good	3 - Major Cracking or Corrosion	2015
		Shady Brook/Spring											
SB004	F0404	Lake/Rowan Lake Shady Brook/Spring	Y	12	Concrete	Ŷ	6/14/2024	Y (Partially Submerged)	Unknown	Needs Repair	Fair	2 - Moderate Cracking or Corrosion	2015
SB005	F0405	Lake/Rowan Lake		20	Concrete	Not Found/Inaccessible			Unknown				2015
		Shady Brook/Spring											
SB006		Lake/Rowan Lake	Y	18	Concrete	Y	6/14/2024	N	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	
SB007	F0408	Shady Brook/Spring Lake/Rowan Lake	Y	26	Concrete	Y	6/14/2024	N	Unknown	Needs Repair	Good	2 - Moderate Cracking or Corrosion	2015
		Shady Brook/Spring											
SB008	F0406	Lake/Rowan Lake	Y	15	Concrete	Y	6/20/2024	Y (Partially Submerged)	Unknown	Needs Repair	Good	2 - Moderate Cracking or Corrosion	2015
SB009	F0407	Shady Brook/Spring Lake/Rowan Lake	Y	16	Concrete	Y	6/14/2024	N	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	2015
00000	10407	Shady Brook/Spring		10	Concrete		0/14/2024	14	Onkilown	1.5005 Maintenaille	0000		2010
SB010		Lake/Rowan Lake	Y	24	Concrete	Y	6/14/2024	Y (Partially Submerged)	Unknown	Proper condition	Good	No Damages	
SB011	F0411	Shady Brook/Spring Lake/Rowan Lake			Constate	Not Found/Inaccessible			Unknown				2015
30011	F0411	Shady Brook/Spring			Concrete	Not Found/Inaccessible			UTIKITOWIT				2010
SB012	F0409	Lake/Rowan Lake	Y	41	Concrete	Y	6/14/2024	Y (Partially Submerged)	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	2015
05010	50.000	Shady Brook/Spring	N.	10	0		014 4/2020 1	V (Destially Orleans)	Links	No. 4 No. 1	0		0015
SB013	F0410	Lake/Rowan Lake Shady Brook/Spring	Y	13	Concrete	Y	6/14/2024	Y (Partially Submerged)	Unknown	Needs Maintenance	Good	No Damages	2015
SB014		Lake/Rowan Lake	Y	32	Concrete	Y	6/14/2024	N	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	
		Shady Brook/Spring											
SB015	G0405	Lake/Rowan Lake Shady Brook/Spring	Y	15	Plastic	Y	6/14/2024	N	Unknown	Proper condition	Good	No Damages	2015
SB016	G0404	Lake/Rowan Lake	Y	15	Plastic	Y	6/14/2024	N	Unknown	Proper condition	Good	No Damages	2015
020.0	00107	Shady Brook/Spring			r idolio					oper contactor	0000		2010
SB017		Lake/Rowan Lake	Y	60	Concrete	Y	6/18/2024	N	Unknown	Needs Repair	Needs Stabilization	2 - Moderate Cracking or Corrosion	
SB018		Shady Brook/Spring Lake/Rowan Lake	Y	17	Plastic: HDPE	Y	6/18/2024	N	Unknown	Proper condition	Good	No Damages	
00010		Shady Brook/Spring			Trasuc. HDP'E	1	0/10/2024	N .	Onkilown	r toper condition	0000	No Damages	
SB019		Lake/Rowan Lake	Y	18	Concrete	Y	6/20/2024	N	Unknown	Needs Repair	Good	2 - Moderate Cracking or Corrosion	
												<u> </u>	

	Rainfall Last	Dry Weather	Illicit Discharge					Deposits	Adjacent Vegetation (compared to other	Stream Scour	Scour	Scour		
Outfall ID	72hrs?	Flow?	Suspected?	Odor	Color	Turbidity	Floatables	or Stains	areas)	Present?	Severity	Extent	Notes	Overall Priority
PS051	N	N	N							N				2 - Low
													Algal looking substance floating on surface of water directly from the	
PS052	N	N	N							N			pipe, maybe farm runoff	2 - Low
PS053 PS054														
F 3034								Oilv				Under 10		
PS055	N	Y	Y	None	Other	Clear	Other	residues	normal	Y	Low	ft	White/silver sheen floating on surface directly from pipe	2 - Low
PS056	N	N	N							N				2 - Low
PS057	N	N	N							N				2 - Low
PS058	N	N	N							N			Two adjacent outfalls	2 - Low
PS059 PS060	N N	N N	N N							N N			Cracking at base and wire showing at top Fully submerged - sediment accumulated to nearly top of pipe	3 - Medium 3 - Medium
PS061	N	N	N							N			Submerged partially with water and sediment	3 - Medium
PS062	N	N	N							N				2 - Low
PS063	N	Y	Y	None	Other	Cloudy	Other	Other	normal	Y	Medium	10-100 ft	Buildup of orange textured floatables	4 - High
												Under 10		
PS064	N	Y	Y	None	Yellow	Cloudy	Suds	Other	normal	Y	Medium	ft	Yellow/orange staining and suds	4 - High
PS065 PS066													Area flooded, trees underwater making outfall inaccessible. Area flooded, trees underwater making outfall inaccessible.	
PS066	N	N	N							N			Water level is really high, very nearly fully submerged	1 - None
PS068													Suspected to be submerged beneath bridge as shown in picture	1 - None
PS069	N	N	N							Y	Medium	10-100 ft	Filthy, red/orange water	3 - Medium
												Under 10		
PS070	N	N	N							Y	Low	ft		2 - Low
50070					~			Excessive				10 100 0	Sediment build up in the pipe and in front of outfall. Outfall head can be	
PS072 PS073	N N	N N	Y N	None	Clear	Clear	None	sediments	normal	Y N	Low	10-100 ft	seen separating from the pipe	3 - Medium 1 - None
PS073 PS074	N	N	N							N			Exposed rebar around pipe	3 - Medium
PS075	N	N	N							Y	Low	10-100 ft	Excessive sediment buildup inside the pipe	2 - Low
PS076													Stream inaccessible	
PS077	N	N	N							Y	Low	10-100 ft		2 - Low
PS078	N	N	N							Y	Low	10-100 ft	Erosion between pipe and outfall head	3 - Medium
00070													Might be submerged. Can not see the pipe through vegetation and	
PS079													sediment Pipe is not accessible because stream is blocked, scour and excessive	
PS080													vegetation	
PS081	N	N	N							Y	Medium	10-100 ft	Outfall has broken into two pieces	4 - High
												Under 10		
SB001	N	N	N							Y	Low	ft		2 - Low
SB002	N	N	N							N			The configuration for the discourse of a formable configuration	2 - Low
SB003	N	N	N							N			The outfall pipe looks disconnected from the outlet	4 - High
SB004	N	N	N							N			Looks like a piece broke off, part of concrete pipe submerged in the water	3 - Medium
SB005														
SB006	Ν	Y	Y	Sulfide	Clear	Clear	None	None	normal	N				2 - Low
													Cracking/erosion under outfall pipe; there is a pipe next to outfall that is	
SB007	N	N	Y	None	Clear	Clear	None	None	normal	N			continuously spewing water	2 - Low
SB000	N	N	N							Y	Modium	10 100 #	Codiment buildup at the bottom of the pipe and in front. Dire is shelling	2 Modium
SB008 SB009	N N	N N	N N							Y N	Medium	10-100 ft	Sediment buildup at the bottom of the pipe and in front. Pipe is spalling. Inside of pipe corroded	3 - Medium 2 - Low
SB009 SB010	N	N	N							N			Needs to be cleaned. a lot of sediment build up. pipe above outfall	2 - Low 2 - Low
SB011														
SB012	N	N	N							N			Crack/structural damage in connection joint inside pipe	2 - Low
SB013	N	N	N							N			Sediment has filled the outfall	2 - Low
SB014	Y	Y	N							N			Cracking above/under and around pipe - eroded at bottom	2 - Low
SB015	N N	N N	N N							N N				1 - None
SB016 SB017	N	N	N							N			Cracking and erosion within pipe	1 - None 4 - High
SB017	N	N	N							N			Sediment buildup on the bottom of the channel	2 - Low
SB019	N	N	N							N			Pipe is detaching from outfall exit	4 - High

Priority Outfalls

			Is the discharge						Are there known				
			coming directly	Pipe Diameter [in]			Date of	Is the pipe fully or	non-stormwater				Year Asses
Outfall ID	OLD ID	Subwatershed	from a pipe?	(if applicable)	Pipe Material	Reinspected	Inspection	partially submerged?	discharges?	Outfall Condition	Bank Stability	Outfall Damage	Previous
PS026	B0406	Pond Run	Y		Concrete	Y	6/14/2024	N	Unknown	Needs Repair	Fair	3 - Major Cracking or Corrosion	2015
PS045	C0405	Pond Run	Y	36	Concrete	Y	6/10/2024	N	Unknown	Needs Repair	Good	3 - Major Cracking or Corrosion	2015
PS063		Pond Run	Y	20	Concrete	Y	6/18/2024	N	Unknown	Needs Repair	Fair	3 - Major Cracking or Corrosion	
PS064		Pond Run	Y	20	Concrete	Y	6/18/2024	N	Unknown	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	
PS081		Pond Run	Y	12	Concrete	Y	8/14/2024	N	Unknown	Needs Repair	Needs Stabilization	3 - Major Cracking or Corrosion	
		Shady Brook/Spring											
SB003	F0403	Lake/Rowan Lake	Y	18	Concrete	Y	6/14/2024	Y (Partially Submerged)	Unknown	Needs Repair	Good	3 - Major Cracking or Corrosion	2015
		Shady Brook/Spring											
SB017		Lake/Rowan Lake	Y	60	Concrete	Y	6/18/2024	N	Unknown	Needs Repair	Needs Stabilization	2 - Moderate Cracking or Corrosion	
		Shady Brook/Spring											
SB019		Lake/Rowan Lake	Y	18	Concrete	Y	6/20/2024	N	Unknown	Needs Repair	Good	2 - Moderate Cracking or Corrosion	
PS003	B0502	Pond Run	Y	24	Concrete	Y	6/10/2024	Y (Partially Submerged)	Unknown	Needs Maintenance	Fair	No Damages	2015
PS006	B0504	Pond Run	Y	48	Concrete	Y	6/10/2024	N	Unknown	Needs Maintenance	Good	No Damages	2015
PS009	B0507	Pond Run	Y	48	Concrete	Y	6/10/2024	N	Unknown	Needs Repair	Good	2 - Moderate Cracking or Corrosion	2015
PS010	B0508	Pond Run	Y	36	Concrete	Y	6/10/2024	N	Unknown	Needs Maintenance	Good	2 - Moderate Cracking or Corrosion	2015
PS014	B0510	Pond Run	Y	20	Concrete	Y	6/10/2024	Y (Partially Submerged)	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	2015
PS017		Pond Run	Y	22	Concrete	Y	6/14/2024	N	Unknown	Needs Maintenance	Good	No Damages	
PS023	B0412	Pond Run	Y	36	Concrete	Y	6/10/2024	N	Unknown	Proper condition	Good	No Damages	2015
PS024	B0411	Pond Run	Y	32	Concrete	Y	6/10/2024	N	Unknown	Proper condition	Fair	No Damages	2015
PS025	B0407	Pond Run	Y	76	Concrete	Y	6/10/2024	N	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	2015
PS027	B0405	Pond Run	Y	24	Concrete	Y	6/14/2024	N	Unknown	Proper condition	Good	No Damages	2015
PS035		Pond Run	Y	36	Concrete	Y	6/14/2024	N	Unknown	Needs Repair	Fair	2 - Moderate Cracking or Corrosion	
PS036		Pond Run	Y	36	Concrete	Y	6/14/2024	N	Unknown	Needs Repair	Fair	2 - Moderate Cracking or Corrosion	
PS041	C0408	Pond Run	Y	12	Metal	Y	6/14/2024	N	Unknown	Needs Maintenance	Needs Stabilization	1 - Minor Cracking or Corrosion	2015
PS046	C0410	Pond Run	Y	28	Concrete	Y	6/14/2024	N	Unknown	Needs Repair	Good	2 - Moderate Cracking or Corrosion	2015
PS047		Pond Run				Y	6/14/2024		Unknown	Proper condition	Good	No Damages	
PS049		Pond Run	Y	36	Concrete	Y	6/14/2024	N	Unknown	Proper condition	Good	No Damages	
PS059		Pond Run	Y		Concrete	Y	6/18/2024	N	Unknown	Needs Repair	Good	2 - Moderate Cracking or Corrosion	
PS060		Pond Run	Y		Concrete	Y	6/18/2024	Y (Fully Submerged)	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	
PS061		Pond Run	Y		Concrete	Y	6/18/2024	Y (Fully Submerged)	Unknown	Needs Maintenance	Fair	2 - Moderate Cracking or Corrosion	
PS069	D0416	Pond Run	Y	29	Concrete	Y	6/18/2024	Y (Partially Submerged)	Unknown	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	2015
PS072		Pond Run	Y	36	Concrete	Y	6/18/2024	N	Unknown	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	
PS074		Pond Run	Y	16	Concrete	Y	6/18/2024	N	Unknown	Needs Repair	Good	2 - Moderate Cracking or Corrosion	
PS078	E0330	Pond Run	Y	30	Concrete	Y	6/18/2024	Y (Partially Submerged)	Unknown	Needs Repair	Good	2 - Moderate Cracking or Corrosion	2015
		Shady Brook/Spring											
SB004	F0404	Lake/Rowan Lake	Y	12	Concrete	Y	6/14/2024	Y (Partially Submerged)	Unknown	Needs Repair	Fair	2 - Moderate Cracking or Corrosion	2015
		Shady Brook/Spring											
SB008	F0406	Lake/Rowan Lake	Y	15	Concrete	Y	6/20/2024	Y (Partially Submerged)	Unknown	Needs Repair	Good	2 - Moderate Cracking or Corrosion	2015

Priority Outfalls

Patial Lat Mark Prov Weil Mark Biol Blocking Our Arrive Particle Mark Provide Mark Biolic Mark Source Source Source Particle Mark P															
Outlinity Zinc? Fibed Sector Control Proof Sector Extent Note: Ownall Proof PB305 N <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Adjacent Vegetation</td> <td></td> <td></td> <td></td> <td></td> <td></td>										Adjacent Vegetation					
PS026 N N N N N N None		Rainfall Last	Dry Weather	Illicit Discharge						(compared to other	Stream Scour	Scour	Scour		
PFS643 N Y V None Clear None None None None A - High PS643 N Y V None Offer Offer Offer None Offer None A - High PS644 N Y None Offer None None A - High PS643 N Y None Offer None None A - High PS635 N N N N None None A - High S8071 N N N N N A - High A - High S8071 N N N N N A - High A - High A - High S8071 N N N N N A - High A - High PS605 N N N N N A - High A - High PS605 N N N N N N -	Outfall ID	72hrs?	Flow?	Suspected?	Odor	Color	Turbidity	Floatables	Deposits or Stains	areas)	Present?	Severity	Extent	Notes	Overall Priority
PS045 N Y None Clear None Other normal Y Low Under 10 ft Majer cack to bottom of pige, needs egain 44 - High PS063 N Y None Other Other Other None Y Medium 10-100 ft Build on orange texture distables 4 - High PS063 N N N N N N PS067 None None 10-100 ft Yellow range stamp and suds 4 - High S8017 N N N N N N - High															
PS033 N Y None Offer Closify Offer mormal Y Medium 10:01:01 Builage of cange textured locatables 4.1 High PS054 N Y None Y Medium 10:01:01 P001001 Nones A.1 High PS054 N N N N N N A.1 High PS054 N N N N N N A.1 High PS053 N N N N N A.1 High S8017 N N N N N A A.1 High PS055 N N N N A A.1 High A.1 High PS050 N N N N A A.1 High A.1 High PS050 N Y No Cast No A.1 High A.1 High PS051 N Y No Cast Medium 10:0:0:1 <t< td=""><td>PS026</td><td>N</td><td>N</td><td>N</td><td></td><td></td><td></td><td></td><td></td><td></td><td>Y</td><td>High</td><td>10-100 ft</td><td>Outfall is completely destroyed and is blocked with sediment</td><td>5 -Highest</td></t<>	PS026	N	N	N							Y	High	10-100 ft	Outfall is completely destroyed and is blocked with sediment	5 -Highest
PS033 N Y Nee Other Claury Other Other Other normal Y Median 10:010 Bibling of orange taking databates 4.1 High PS04 N	PS045	N	Y	Y	None		Clear	None	None	normal	Y	Low	Under 10 ft	Major crack in bottom of pipe, needs repair	4 - Hiah
PS054 N Y Year Year Vertice Cloudy Suits Other normal Y Medium Under 10.1ft Year Year A - High S031 N		N	Y	Y	None	Other	Cloudy	Other	Other	normal	Y	Medium			4 - High
PF931 N N N N N N A Hege A Hege A Hege A Hege A Hege A		N	Y	Y	None	Yellow	Cloudy	Suds	Other	normal	Y	Medium	Under 10 ft	Yellow/orange staining and suds	4 - High
SB03 N N N N N N The outfall pipe load disconceded from the cullet 4 - High A - High Pipe is desching from cullet 4 - High A - High Pipe is desching from cullet 4 - High A - High Pipe is desching from cullet 4 - High A - High Pipe is desching from cullet 4 - High A - High Pipe is desching from cullet 4 - High A - High Pipe is desching from cullet 4 - High A - High Pipe is desching from cullet 4 - High A - High Pipe is desching from cullet 4 - High A - High Pipe is desching from cullet 4 - High A - High Pipe is desching from cullet 4 - High A - High Pipe is desching from cullet 4 - High A - High Pipe is desching from cullet 4 - High A - High Pipe is desching control transfer derived is and pipe			Ň	Ň			,				Ŷ				
SB017 N N N N N Casking and reason with ruppe 4 - High PS005 PS005 N N N N N A A - High PS005 A N N A A - High PS005 A N N N A Adeduct A - High PS005 A N N A Adeduct Adeduct Overgrow regatation, short channel of consider 3. Medium PS010 A Adeduct Y Medium 10:00 ft Overgrow regatation, short channel of consider and rank. 3. Medium Consider the proprovise used storage on Consider the propriotice used storage on Consider the propris the propriotice used storage		N	N	N							N			The outfall pipe looks disconnected from the outlet	4 - High
B809 N N N N N N N Peps 8 detaching from cutfall exit 4 - High PS003 N N N N N N A A High None None Y Medium 10-10 ft Strott sour channel from actimate accumulation 3 - Medium PS003 N N N N N N A - <		N	N	N							N				4 - High
PB033 N N N N N N Addum Overgrow Vegatation, infort channel for excutation 3. Medium P8006 N N N Clear Clear None None None None 3. Medium P8009 N Y Y None Clear None None None The head wail attachment is started to cumble and crack. 3. Medium P8010 N N N Clear None None The head wail attachment is started to cumble and crack. 3. Medium P8011 N N N N None Crear None None The head wail attachment is started to cumble and crack. 3. Medium P8021 N Y Y None Chear Chear Chear Chear Chear Chear Chear An crarage discharge coming out from the outfail 3. Medium P8023 N Y Y None Chear None Chear None Chear An crarage di	SB019	N	N	N							N				4 - High
P5093 N N N Clear Clear None normal N Medium Under 10 ft Short sour chamel from sadiment accumulation 3 - Medium P5010 N N N N N The head wall attachment is stated to oruse use of storage of photon sadiment accumulation 3 - Medium P5010 N N N N N A Addition sadiment for sadiment accumulation 3 - Medium P5010 N N N N N A Addition sadiment for sadiment accumulation 3 - Medium P5010 N N N N N Addition sadiment for sadiment accumulation 3 - Medium P5023 N Y Y None Clear Clear None None None None Addition Data field for accumulation accumulation 3 - Medium P5023 N Y Y None None None None None None Addition Data field for accumulation accumulation 3 - Medium			N									Medium	10-100 ft		
PS000 N Y Y None Clear None None normal N The head wall attachment is started to crumble and crack. 3 - Medium PS010 N N N - - - Crack/structural damage & inappropriate use of storage on constraints started to crumble and crack. 3 - Medium PS011 N N N - - - - Crack/structural damage & inappropriate use of storage on constraints in the storage of the discharge constraints of the dischareconstraints of the discharge c											Ŷ				
PS010 N <td></td> <td>mouram</td> <td>onder ron</td> <td></td> <td>0 Modiani</td>												mouram	onder ron		0 Modiani
PS010 N <td>PS009</td> <td>N</td> <td>Y</td> <td>Y</td> <td>None</td> <td>Clear</td> <td>Clear</td> <td>None</td> <td>None</td> <td>normal</td> <td>N</td> <td></td> <td></td> <td>The head wall attachment is started to crumble and crack</td> <td>3 - Medium</td>	PS009	N	Y	Y	None	Clear	Clear	None	None	normal	N			The head wall attachment is started to crumble and crack	3 - Medium
PB010 N N N N N N N A <td></td>															
PS014 N N N N P P Medium 10-100 ft Cracking around from outflow hole 3 - Medium PS017 N Y None Clar None Clar None Clar An orange diagrading conjout flow hole thround ital 3 - Medium PS023 N Y Y None Clar None Other growth N Orange algae at the base of the outfall 3 - Medium PS024 N Y Y None Clear None None Other Orange algae at the base of the outfall 3 - Medium PS025 N Y Y None Clear Clear None Other Orange algae at the base of the outfall 3 - Medium PS035 N N N N None Clear None Y Medium Under 10 ft Scientent buildup outside outlet 3 - Medium PS046 N N N N No Scientent buildup outside outlet 3 - Medium	PS010	N	N	N							Y	Low	Under 10 ft		3 - Medium
PS017 N Y Y None Other normal N C An orange discharge coming out from the outfall 3 - Medium PS023 N Y Y None Clear Other growth N C Orange discharge coming out from the outfall 3 - Medium PS024 N Y Y None Clear Clear None None None None And orange discharge coming out from the outfall 3 - Medium PS025 N Y Y None Clear Cloudy None Other mormal Y Medium Under 10 ft Pipe staring to be underning t											Y				
PS023 N Y Y None Clear Other Other Optimized			Y	Ŷ	None	Brown	Opaque	None	Other	normal	N				
PS023 N Y Y None Clear Clear Clear None Other Organg algae at the base of the outfall 3. Medium PS024 N Y Y None Clear Clear Clear None None None Y Medium Under 10 ft Plagh None Sediment builds <										excessive gowth or algal					
P5024 N Y Y None None None normal Y Medium Under 10 ft Pipe starting to be undermined from erosion 3 - Medium P5025 N N N N Clear Cloudy None Other normal Y Medium Under 10 ft Pipe starting to be undermined from erosion 3 - Medium P5035 N N N N N A Medium Under 10 ft Sediment buildup outside outlet 3 - Medium P5036 N N N N N A	PS023	N	Y	Y	None	Clear	Clear	None	Other		N			Orange algae at the base of the outfall	3 - Medium
PS025 N Y Y None Clear Cloudy None Other normal Y Medium Under 10 ft The second of the second		N	Y	Y	None	Clear	Clear	None	None			Medium	Under 10 ft		
P8027 N N N N N N Statedium P8036 N N N N N N Statedium St	PS025	N	Y	Y	None	Clear	Cloudy	None	Other	normal	Y	Medium			3 - Medium
PS035 N <td>PS027</td> <td>N</td> <td>N</td> <td>N</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Y</td> <td>Hiah</td> <td>10-100 ft</td> <td></td> <td>3 - Medium</td>	PS027	N	N	N							Y	Hiah	10-100 ft		3 - Medium
PS036 N N N N N Sediment buildup outside outlet 3 - Medium PS041 N N N N Y High 10-100 ft Extremely overgrown with the outlet outlet 3 - Medium PS046 N N N Y High 10-100 ft Soutfalls 35 Inches, 43 Inches. Walls on the side of bank to prevent souring. Sediment buildup in the side of bank to prevent souring. Sediment buildup in the side of bank to prevent souring. Sediment buildup in the side of bank to prevent souring. Sediment buildup in form of outfall is preventing water from PS047 N N Sediment buildup on the same headwall and considered both outlet outlet 3 - Medium PS049 N N N Sediment buildup in form of outfall is preventing water from 3 - Medium PS059 N N N N Sediment buildup out sediment 3 - Medium PS060 N N N N Submit sediment 3 - Medium PS060 N N N N Submit sediment 3 - Medium PS060 N N N Submit sediment 3 - Medium PS060 N N N Submit sediment 3 - Medium PS060 N N N Submit sediment 3				N							Ŷ			Sediment buildup outside outlet	
PS041 N N N N N N Southalls: 36 inches, 59 inches,	PS036	N	N	N							Y	Medium	Under 10 ft		3 - Medium
PS046 N N N N N Southalts: 35 inches, 43 inches, 44 inc											Ŷ				
PS046 N N N N N N N N N Sediment buildup in the pipe Sediment buildup in the pipe 3 - Medium PS047 N N N N N Sediment buildup in font of outfall is preventing water form, deleted adjacent point because 3 - Medium PS047 N N N N N Sediment buildup in font of outfall is preventing water form, deleted adjacent point because 3 - Medium PS047 N N N N N N Sediment buildup in font of outfall is preventing water form, deleted adjacent point because - - PS047 N N N N N N -											· · · ·				
PS046 N N N N N N A <td></td>															
PS047 N N N N Sediment buildup in front of outfall is preventing water from flowing freely 3 - Medium PS047 N N N N Sediment buildup in front of outfall is preventing water from flowing freely 3 - Medium PS049 N N N N Debris blocking water flow, deleted adjacent point because both outflow pipes on the same headwall and considered one outfall point 3 - Medium PS059 N N N N Sediment buildup in front of outfall is preventing water from flowing freely 3 - Medium PS059 N N N N Sediment buildup in front of outfall is preventing water from flowing freely 3 - Medium PS059 N N N N Sediment buildup in front of outfall is preventing water from flowing freely 3 - Medium PS059 N N N N Sediment buildup in front of outfall in dowing top 3 - Medium PS060 N N N N Submerged partially with water and sediment 3 - Medium PS069 N N N N Submerged partially with water and sediment 3 - Medium PS069 <	PS046	N	N	N							Y	Medium	Under 10 ft		3 - Medium
PS047 N N N N N N A A A A A A A A A A Below A Below Belo											· · · ·				
PS049 N N N N N N Opension of the same headwall and considered both outflow pipes on the same headwall and considered both outflow pipes on the same headwall and considered and consid	PS047	N		Ν							Y	Medium	10-100 ft		3 - Medium
PS04 N N N N N N N N N N Addum PS059 N N N N N N N 3 Medium 10-100 ft both outflow pipes on the same headwall and considered one outfall point 3 Medium PS059 N N N N N N 3 Medium 3 PS060 N N N N N N Pipe 3 Medium PS061 N N N N N Addium N 3 Medium PS069 N N N N Addium N N 3 Medium PS069 N N N N Addium N N 3 Medium PS061 N N N Addium N N 3 Medium PS069 N N N N Addium N Medium 10-100 ft Filthy, redorange water 3 PS072 N N N N N Excessive sediments normal Y Low 10-100 ft head can be seen separating fro														Debris blocking water flow, deleted adjacent point because	
PS049 N N N N N N N A <td></td>															
PS059 N N N N N N Cracking at base and wire showing at top 3 - Medium PS060 N N N N A Fully submerged - sediment accumulated to nearly top of pipe 3 - Medium PS061 N N N N A A Addum Addum PS069 N N N A Addum	PS049	N	N	Ν							Y	Medium	10-100 ft		3 - Medium
PS060 N N N N N N N Second pipe 3 - Medium PS060 N N N N N N N 3 - Medium PS069 N N N N N Second pipe 3 - Medium PS069 N N N N N Second pipe 3 - Medium PS072 N N Y None Clear Clear None Excessive sediments Normal Y Low 10-100 ft Filthy, red/orange water 3 - Medium PS074 N N N Clear Clear None Excessive sediments Normal Y Low 10-100 ft Exposed rebar around pipe 3 - Medium PS074 N N N N Image: Second pipe Image: Second pipe Image: Second pipe 3 - Medium PS074 N N N Image: Second pipe Image:	PS059		N	N							N			Cracking at base and wire showing at top	3 - Medium
PS060 N N N N N N A <td></td>															
PS061 N N N N N Image: Constraint of the provided partially with water and sediment 3 · Medium PS069 N N N N N Y No No No Y No Y No	PS060	N	N	N							N				3 - Medium
PS069 N N N N N N N N N N N None Clear None Excessive sediments normal Y Medium 10-100 ft Filthy, red/orange water 3 - Medium PS072 N N Y None Clear None Excessive sediments normal Y Low 10-100 ft Head no be seen separating from the pipe 3 - Medium PS074 N N N N N N S - Medium None S - Medium - Medium<	PS061	N	N	N							N			Submerged partially with water and sediment	3 - Medium
PS072 N N Y None Clear Clear None Excessive sediments normal Y Low 10-100 ft head can be seen separating from the pipe 3-Medium PS074 N N N N Image: Second sec	PS069	N	N	N							Y	Medium	10-100 ft	Filthy, red/orange water	3 - Medium
PS072 N N Y None Clear Clear None Excessive sediments normal Y Low 10-100 ft head can be seen separating from the pipe 3-Medium PS074 N N N N Image: Second sec														Sediment build up in the pipe and in front of outfall. Outfall	
PS078 N N N Image: Constraint of the state o	PS072	N	N	Y	None	Clear	Clear	None	Excessive sediments	normal	Y	Low	10-100 ft	head can be seen separating from the pipe	3 - Medium
SB004 N N N Looks like a piece broke off, part of concrete pipe submerged in the water 3 - Medium	PS074	N	N	N							N				3 - Medium
SB004 N N submerged in the water 3 - Medium	PS078	N	N	N							Y	Low	10-100 ft	Erosion between pipe and outfall head	3 - Medium
														Looks like a piece broke off, part of concrete pipe	
	SB004	N	N	N							N				3 - Medium
														Sediment buildup at the bottom of the pipe and in front. Pipe	
SB008 N N N Y Medium 10-100 ft is spalling. 3 - Medium	SB008	N	N	N							Y	Medium	10-100 ft	is spalling.	3 - Medium

Outfall Damage

		Is the discharge								
		coming directly	Pipe Diameter [in]		Date of					
Outfall ID	OLD ID	from a pipe?	(if applicable)	Pipe Material	Inspection	Outfall Condition	Bank Stability	Outfall Damage	Notes	Overall Priority
PS026	B0406	Y	00	Concrete	6/14/2024	Needs Repair	Fair	3 - Major Cracking or Corrosion	Outfall is completely destroyed and is blocked with sediment	5 -Highest
PS045 PS063	C0405	Y Y	36 20	Concrete Concrete	6/10/2024 6/18/2024	Needs Repair Needs Repair	Good Fair	3 - Major Cracking or Corrosion 3 - Major Cracking or Corrosion	Major crack in bottom of pipe, needs repair Buildup of orange textured floatables	<u>4 - High</u> 4 - High
PS063 PS081		ř V	20 12	Concrete	8/14/2024	Needs Repair	Needs Stabilization	3 - Major Cracking or Corrosion 3 - Major Cracking or Corrosion	Outfall has broken into two pieces	4 - High 4 - High
SB003	F0403	v v	12	Concrete	6/14/2024	Needs Repair	Good	3 - Major Cracking or Corrosion 3 - Major Cracking or Corrosion	The outfall pipe looks disconnected from the outlet	4 - High
PS039	C0401	Y	24	Concrete	6/10/2024	Needs Maintenance	Good	2 - Moderate Cracking or Corrosion		2 - Low
PS038	C0403	Ŷ	24	Concrete	6/10/2024	Needs Maintenance	Good	2 - Moderate Cracking or Corrosion		2 - Low
PS037	C0404	Ŷ	24	Concrete	6/10/2024	Needs Maintenance	Good	2 - Moderate Cracking of Corrosion		2 - Low
SB017	00101	Ŷ	60	Concrete	6/18/2024	Needs Repair	Needs Stabilization	2 - Moderate Cracking or Corrosion	Cracking and erosion within pipe	4 - High
SB019		Ý	18	Concrete	6/20/2024	Needs Repair	Good	2 - Moderate Cracking or Corrosion	Pipe is detaching from outfall exit	4 - High
PS009	B0507	Y	48	Concrete	6/10/2024	Needs Repair	Good	2 - Moderate Cracking or Corrosion	The head wall attachment is started to crumble and crack.	3 - Medium
PS010	B0508	Y	36	Concrete	6/10/2024	Needs Maintenance	Good	2 - Moderate Cracking or Corrosion	Cracks/structural damage & inappropriate use of storage on concrete	3 - Medium
SB001	F04 01	Y	44	Concrete	6/14/2024	Needs Maintenance	Good	2 - Moderate Cracking or Corrosion		2 - Low
									Cracking/erosion under outfall pipe; there is a pipe next to outfall that is	
SB007	F0408	Y	26	Concrete	6/14/2024	Needs Repair	Good	2 - Moderate Cracking or Corrosion	continuously spewing water	2 - Low
PS035		Y	36	Concrete	6/14/2024	Needs Repair	Fair	2 - Moderate Cracking or Corrosion	Sediment buildup outside outlet	3 - Medium
PS036		Y	36	Concrete	6/14/2024	Needs Repair	Fair	2 - Moderate Cracking or Corrosion	Sediment buildup outside outlet	3 - Medium
500.40	00440								3 outfalls: 35 inches, 59 inches, 43 inches. Walls on the side of bank to prevent	
PS046	C0410	Y	28	Concrete	6/14/2024	Needs Repair	Good	2 - Moderate Cracking or Corrosion	scouring. Sediment buildup in the pipe	3 - Medium
PS059		Ý V		Concrete	6/18/2024	Needs Repair	Good	2 - Moderate Cracking or Corrosion	Cracking at base and wire showing at top	3 - Medium
PS061		Y Y	16	Concrete	6/18/2024 6/18/2024	Needs Maintenance	Fair	2 - Moderate Cracking or Corrosion	Submerged partially with water and sediment	3 - Medium 3 - Medium
PS074 PS078	E0330	Y Y	30	Concrete Concrete	6/18/2024	Needs Repair Needs Repair	Good	2 - Moderate Cracking or Corrosion 2 - Moderate Cracking or Corrosion	Exposed rebar around pipe Erosion between pipe and outfall head	3 - Medium 3 - Medium
SB004	F0404	V V	12	Concrete	6/14/2024	Needs Repair	Fair	2 - Moderate Cracking of Corrosion 2 - Moderate Cracking or Corrosion	Looks like a piece broke off, part of concrete pipe submerged in the water	3 - Medium
SB004 SB008	F0404	v v	12	Concrete	6/20/2024	Needs Repair	Good	2 - Moderate Cracking of Corrosion	Sediment buildup at the bottom of the pipe and in front. Pipe is spalling.	3 - Medium
PS057	D0407	Y	10	Concrete	6/18/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	Sediment buildup at the bottom of the pipe and in none. Tipe is spanning.	2 - Low
PS056	D0408	Ŷ	36	Concrete	6/18/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion		2 - Low
PS055	D0410	Ŷ	28	Concrete	6/18/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	White/silver sheen floating on surface directly from pipe	2 - Low
. 0000	50110			Controlo		1100d0 Indintondinoo	0000	I will bracking of borrooron	Algal looking substance floating on surface of water directly from the pipe, maybe	2 2011
PS052	D0414	Y	35	Concrete	6/18/2024	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	farm runoff	2 - Low
PS051	D0415	Y	18	Concrete	6/18/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion		2 - Low
PS040	C0402	Y	24	Concrete	6/10/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion		2 - Low
PS042	C0409	Y	18	Concrete	6/10/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	Three outfalls under bridge, all same diameter, recorded as one point	2 - Low
PS064		Y	20	Concrete	6/18/2024	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	Yellow/orange staining and suds	4 - High
PS002	B0503	Y	30	Concrete	6/10/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	Very overgrown vegetation	2 - Low
PS012	B0509	Y	16	Concrete	6/10/2024	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion		2 - Low
PS016	B0511	Y	32	Concrete	6/14/2024	Proper condition	Good	1 - Minor Cracking or Corrosion	Remnants of dry weather flow that is dried up, orange in color	1 - None
PS029	B0401	Y	40	Concrete	6/10/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion		2 - Low
PS031	B0403	Y	8	Concrete	6/10/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	Sediment accumulation should be cleaned from outfall	2 - Low
PS022 PS014	B0410	ř V	24 20	Concrete Concrete	6/10/2024 6/10/2024	Needs Maintenance Needs Maintenance	Good	1 - Minor Cracking or Corrosion	Blocked off by bricks, water still flowing through.	2 - Low 3 - Medium
SB002	B0510 F0402	r V	36	Concrete	6/14/2024	Needs Maintenance	Good Good	1 - Minor Cracking or Corrosion 1 - Minor Cracking or Corrosion	Cracking around top outflow hole	2 - Low
PS025	B0407	Y	76	Concrete	6/10/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion		3 - Medium
SB009	F0407	Y	16	Concrete	6/14/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	Inside of pipe corroded	2 - Low
SB009	F0407 F0409	Y	41	Concrete	6/14/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	Crack/structural damage in connection joint inside pipe	2 - Low
PS077	E0329	Ŷ	24	Concrete	6/18/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion		2 - Low
PS004		Ý		Concrete	6/10/2024	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	White crystalline discharge and cracking around the outfall pipe.	2 - Low
PS020		Ŷ	16	Concrete	6/10/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	, , , , , , , , , , , , , , , , , , ,	2 - Low
PS033		Y	30	Concrete	6/10/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	Piece of concrete structure has broken off	2 - Low
PS013		Y	24	Concrete	6/10/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion		2 - Low
									Cracking around the concrete head. Erosion in the stream. Some overgrown	
PS015		Y	36	Concrete	6/10/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	vegetation	2 - Low
PS018		Y	24	Concrete	6/14/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	There is left over residue from old dry weather flow, orange in color.	2 - Low
SB006		Y	18	Concrete	6/14/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion		2 - Low
PS041	C0408	Y	12	Metal	6/14/2024	Needs Maintenance	Needs Stabilization	1 - Minor Cracking or Corrosion	Extremely overgrown with thorn bushes	3 - Medium
SB014		Y	32	Concrete	6/14/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	Cracking above/under and around pipe - eroded at bottom	2 - Low
PS060		Y Y		Concrete	6/18/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	Fully submerged - sediment accumulated to nearly top of pipe	3 - Medium
PS070		Y Y		Concrete	6/18/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	Tour a Baranda and all	2 - Low
PS058	D0446	Y Y	29	Concrete	6/18/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	Two adjacent outfalls	2 - Low
PS069	D0416	ř	29	Concrete	6/18/2024	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	Filthy, red/orange water Sediment build up in the pipe and in front of outfall. Outfall head can be seen	3 - Medium
PS072		V	36	Concrete	6/18/2024	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	Sediment build up in the pipe and in front of outrali. Outrali head can be seen separating from the pipe	3 - Medium
PS072 PS062		T V	30	Concrete	6/18/2024	Needs Maintenance	Good	1 - Minor Cracking or Corrosion 1 - Minor Cracking or Corrosion	separating nom the pipe	2 - Low
PS062 PS001		Y	22	Concrete	6/18/2024	Proper condition	Good	1 - Minor Cracking or Corrosion	Excessive mud/sediment in front of the outfall	2 - Low 2 - Low
				CONCIECE	5/10/2024	i Toper condition	0000	- minor Gracking or Corrosion	Excessive mag seament in none of the outdit	2 - LOW

Scouring

		Date of			Stream Scour	Coour			
Outfall ID	OLD ID	Inspection	Outfall Condition	Bank Stability	Present?	Scour Severity	Scour Extent	Notes	
PS026		6/14/2024	Needs Repair		Y			Outfall is completely destroyed and is blocked with sediment	Overall Priority
PS026 PS027	B0406 B0405	6/14/2024	Proper condition	Fair Good	Y Y	High High	10-100 ft 10-100 ft		5 -Highest 3 - Medium
PS027 PS041	C0408	6/14/2024	Needs Maintenance		Y		10-100 ft	Extremely every with them by the	3 - Medium 3 - Medium
PS041 PS003	B0502		Needs Maintenance	Needs Stabilization	Y	High	10-100 ft	Extremely overgrown with thorn bushes	3 - Medium
PS003 PS006	B0502 B0504	6/10/2024 6/10/2024	Needs Maintenance	Fair Good	Y Y	Medium Medium	Under 10 ft	Overgrown Vegetation, short channel of erosion Short scour channel from sediment accumulation	3 - Medium 3 - Medium
PS006 PS014	B0504 B0510	6/10/2024			Y		10-100 ft		3 - Medium
PS014 PS024	B0510 B0411	6/10/2024	Needs Maintenance Proper condition	Good Fair	Y Y	Medium	Under 10 ft	Cracking around top outflow hole Pipe starting to be undermined from erosion	3 - Medium 3 - Medium
PS024 PS025	B0411 B0407	6/10/2024	Needs Maintenance	Good	Y Y	Medium Medium	Under 10 It Under 10 ft	Pipe starting to be undermined from erosion	3 - Medium
PS025 PS036	B0407	6/14/2024		Fair	Y Y	Medium		Codiment buildur outside outlet	3 - Medium 3 - Medium
PS030		6/14/2024	Needs Repair	Fair	ř	wealum	Under 10 ft	Sediment buildup outside outlet 3 outfalls: 35 inches, 59 inches, 43 inches, Walls on the side of bank	3 - Medium
DC040	C0410	0/44/0004	Nasala Danain	Cond	Y	Mandiana	Under 10 ft		O Maraliuma
PS046	C0410	6/14/2024	Needs Repair	Good	ř	Medium	Under 10 ft	to prevent scouring. Sediment buildup in the pipe Sediment buildup in front of outfall is preventing water from flowing	3 - Medium
DC047		0/44/0004	Descentiation	Cond	Y	Mandiana	10 100 8		O Maraliuma
PS047		6/14/2024	Proper condition	Good	Ŷ	Medium	10-100 ft	freely	3 - Medium
								Debuis blocking water flow, deleted ediscent point because both	
PS049		6/14/2024	Descentiation	Cond	V	Mandiana	10 100 8	Debris blocking water flow, deleted adjacent point because both outflow pipes on the same headwall and considered one outfall point	O Maraliuma
PS049 PS050	D0417	6/14/2024	Proper condition Proper condition	Good Good	Y Y	Medium	10-100 ft 10-100 ft	Outfall from lake	3 - Medium
PS050 PS063	D0417	6/18/2024	Needs Repair	Fair	Y	Medium Medium	10-100 ft	Buildup of orange textured floatables	2 - Low 4 - High
PS063		6/18/2024	Needs Maintenance	Fair	Y	Medium	Under 10 ft	Yellow/orange staining and suds	4 - High 4 - High
PS064 PS069	D0416	6/18/2024	Needs Maintenance	Fair	Y Y	Medium	10-100 ft	Filthy, red/orange water	3 - Medium
PS089 PS081	D0410	8/14/2024			Y		10-100 ft	Outfall has broken into two pieces	4 - High
P5081		0/14/2024	Needs Repair	Needs Stabilization	ř	Medium	10-100 11	Sediment buildup at the bottom of the pipe and in front. Pipe is	4 - High
SB008	F0406	6/20/2024	Needs Repair	Good	Y	Medium	10-100 ft	spalling.	3 - Medium
PS001	F0400	6/18/2024	Proper condition	Good	Y	Low	Under 10 ft	Excessive mud/sediment in front of the outfall	2 - Low
PS001 PS002	B0503	6/10/2024	Needs Maintenance	Good	Y	Low	Under 10 ft	Very overgrown vegetation	2 - Low
F 3002	B0303	0/10/2024	Neeus Maintenance	Guu		LOW		Sediments acculturating around and the outfall can be cleared and	2 - LOW
PS008	B0506	6/10/2024	Needs Maintenance	Fair	Y	Low	Under 10 ft	could use some maintenance.	2 - Low
1 3000	D0300	0/10/2024		i dii	1	LOW	Under TO It		2 - LOW
PS010	B0508	6/10/2024	Needs Maintenance	Good	Y	Low	Under 10 ft	Cracks/structural damage & inappropriate use of storage on concrete	3 - Medium
1 3010	D0300	0/10/2024		0000	1	LOW	Under TO It	Hard to access surrounded by vegetation, diameter unable to	J - Wealum
PS011		6/10/2024	Needs Maintenance	Good	Y	Low	10-100 ft	measure	2 - Low
PS012	B0509	6/10/2024	Needs Maintenance	Fair	Y	Low	Under 10 ft	Ineasure	2 - Low
PS012	D0303	6/10/2024	Needs Maintenance	Good	Y	Low	Under 10 ft		2 - Low
1 3013		0/10/2024		6000	1	LOW	Under TO It	Cracking around the concrete head. Erosion in the stream. Some	2 - LOW
PS015		6/10/2024	Needs Maintenance	Good	Y	Low	Under 10 ft	overgrown vegetation	2 - Low
PS033		6/10/2024	Needs Maintenance	Good	Y	Low	Under 10 ft	Piece of concrete structure has broken off	2 - Low
PS035		6/14/2024	Needs Repair	Fair	Y	Low	Under 10 ft	Sediment buildup outside outlet	3 - Medium
PS038	C0403	6/10/2024	Needs Maintenance	Good	Y	Low	Under 10 ft		2 - Low
PS045	C0405	6/10/2024	Needs Repair	Good	Y	Low	Under 10 ft	Major crack in bottom of pipe, needs repair	4 - High
PS055	D0410	6/18/2024	Needs Maintenance	Good	Ý	Low	Under 10 ft	White/silver sheen floating on surface directly from pipe	2 - Low
PS070	20410	6/18/2024	Needs Maintenance	Good	Y	Low	Under 10 ft	white/enversion induing on surface directly from pipe	2 - Low
10070		0/10/2024	Hoods Maintendille	0000		LOW	Shuci to It	Sediment build up in the pipe and in front of outfall. Outfall head can	Z - LOW
PS072		6/18/2024	Needs Maintenance	Fair	Y	Low	10-100 ft	be seen separating from the pipe	3 - Medium
PS072	E0332	6/20/2024	Proper condition	Good	Y	Low	10-100 ft	Excessive sediment buildup inside the pipe	2 - Low
PS075	E0332 E0329	6/18/2024	Needs Maintenance	Good	Y	Low	10-100 ft	Excessive seament buildup inside the pipe	2 - Low
PS078	E0329 E0330	6/18/2024	Needs Repair	Good	Y	Low	10-100 ft	Erosion between pipe and outfall head	3 - Medium
SB001	F04 01	6/14/2024	Needs Maintenance	Good	Y	Low	Under 10 ft		2 - Low
00001	10401	0/14/2024	Neeus Maintendille	6000		LOW			Z - LOW

Illicit Discharge Suspected

			Date of	Is the pipe fully or partially	Are there known non-stormwater	Rainfall Last	Dry Weather	Illicit Discharge					Deposits or	Adjacent Vegetation		
Outfall ID	OLD ID	Subwatershed	Inspection	submerged?	discharges?	72hrs?	Flow?	Suspected?	Odor	Color	Turbidity	Floatables	Stains	(compared to other areas)	Notes	Overall Priority
				Y (Partially											White crystalline discharge and	
PS004		Pond Run	6/10/2024	Submerged)	Unknown	N	N	Y	None	Brown	Cloudy	Other	White crystalline	normal	cracking around the outfall pipe.	2 - Low
PS007	B0505	Pond Run	6/10/2024	N	Unknown	N	Y	Y	None	Clear	Clear	None	None	normal	Repaired w/ riprap, [Sampled]	2 - Low
															The head wall attachment is started	
PS009	B0507	Pond Run	6/10/2024	N	Unknown	N	Y	Y	None	Clear	Clear	None	None	normal	to crumble and crack.	3 - Medium
															An orange discharge coming out from	
PS017		Pond Run	6/14/2024	N	Unknown	N	Y	Y	None	Brown	Opaque	None	Other	normal	the outfall	3 - Medium
															Blocked off by bricks, water still	
PS022	B0410	Pond Run	6/10/2024	N	Unknown	N	Y	Y	None	Clear	Clear	None	None	normal	flowing through.	2 - Low
														excessive gowth or algal	Orange algae at the base of the	
PS023	B0412	Pond Run	6/10/2024	N	Unknown	N	Y	Y	None	Clear	Clear	None	Other	growth	outfall	3 - Medium
															Pipe starting to be undermined from	
PS024	B0411	Pond Run	6/10/2024	N	Unknown	N	Y	Y	None	Clear	Clear	None	None	normal	erosion	3 - Medium
PS025	B0407	Pond Run	6/10/2024	N	Unknown	N	Y	Y	None	Clear	Cloudy	None	Other	normal		3 - Medium
				Y (Partially												
PS029	B0401	Pond Run	6/10/2024	Submerged)	Unknown	N	Y	Y	None	Clear	Cloudy	None	None	normal		2 - Low
PS044	C0406	Pond Run	6/10/2024	N	Unknown	N	Y	Y	None	Clear	Clear	None	None	normal		2 - Low
							V	v							Major crack in bottom of pipe, needs	
PS045	C0405	Pond Run	6/10/2024	N	Unknown	N	Y	Y	None		Clear	None	None	normal	repair	4 - High
				Y (Partially				v							White/silver sheen floating on surface	
PS055	D0410	Pond Run	6/18/2024	Submerged)	Unknown	N	Y	Y	None	Other	Clear	Other	Oily residues	normal	directly from pipe	2 - Low
PS063		Pond Run	6/18/2024	N	Unknown	N	Y	Y	None	Other	Cloudy	Other	Other	normal	Buildup of orange textured floatables	4 - High
PS064		Pond Run	6/18/2024	N	Unknown	N	Y	Ŷ	None	Yellow	Cloudy	Suds	Other	normal	Yellow/orange staining and suds	4 - High
1	1												Excessive		Sediment build up in the pipe and in front of outfall. Outfall head can be	
PS072			6/18/2024			N	N	v		Clear	Clear					
PS072		Pond Run	6/18/2024	N	Unknown	N	N	Ý	None	Clear	Clear	None	sediments	normal	seen separating from the pipe	3 - Medium
SB006	1	Shady Brook/Spring Lake/Rowan Lake	6/14/2024	N	Unknown	N	V	v	Sulfide	Clear	Clear	None	None	normal		2 - Low
28006		Lake/Rowan Lake	0/14/2024	N	Unknown	N	Ý	ř	Suifide	Ciear	Ciear	inone	None	normal	Cracking/erosion under outfall pipe;	2 - LOW
1	1	Oh a du Das alu/Oraria a														
SB007	F0408	Shady Brook/Spring Lake/Rowan Lake	6/14/2024	N	Unknown	N	N	v	None	Clear	Clear	None	None	normal	there is a pipe next to outfall that is continuously spewing water	2 - Low
28001	F0408	Lake/Rowan Lake	0/14/2024	N	UNKNOWN	N	IN	Ϋ́	inone	Ciear	Ciear	INONE	inone	normal	continuously spewing water	2 - LOW