

**Hamilton Township (Mercer County)
Stormwater Outfall Assessment Summary
2023: North Pond Run (Region 2)**

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

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

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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 2023. 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 2 includes the north branch and central branch of the Pond Run 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 from June to July 2023 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 104 outfalls were located and assessed following 72 hours of no rainfall* in 2023. This is out of 377 previously identified outfalls and an additional 34 that were identified and found based on stormwater mapping that were missed during previous inspections. There were 20 outfalls that were not found or inaccessible that were identified in the previous inspection efforts. Of these, five (5) could not be located, and the remaining 15 could not be accessed due to the lower part of Pond Run having a large concrete channel that could not be entered. An additional 15 were added that were identified as actual outfalls in the channel, but they could not be properly inspected due to restricted access to the area. There were seven (7) outfalls from previous inspections that were reassessed as not being outfalls (culverts, basin inflow, or other structures) or being duplicate points. This leads to an updated total outfall number of 420 outfalls in Hamilton Township, 139 of which are located in Region 2 (i.e., the north and central branch of the Pond Run watershed).

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 104 outfalls assessed. Out of the 104, a total of three (3) of the assessed outfalls were designated as high priority (4 or 5), 18 were designated as medium priority (3), and 83 were designated as low to no priority (2 or 1). For scouring, two (2) have high, 12 have medium, 10 have low, and 80 have none. Action should be taken for anything at high or medium erosion levels to prevent further erosion, and the low erosion outfalls should be watched for future issues. For maintenance, there were three (3) outfalls in need of significant repair, and 28 in need of maintenance either by clearing out sediment or patching cracking portions.

A total of 11 outfalls were suspected of illicit discharges during the initial investigation. These 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 2023 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

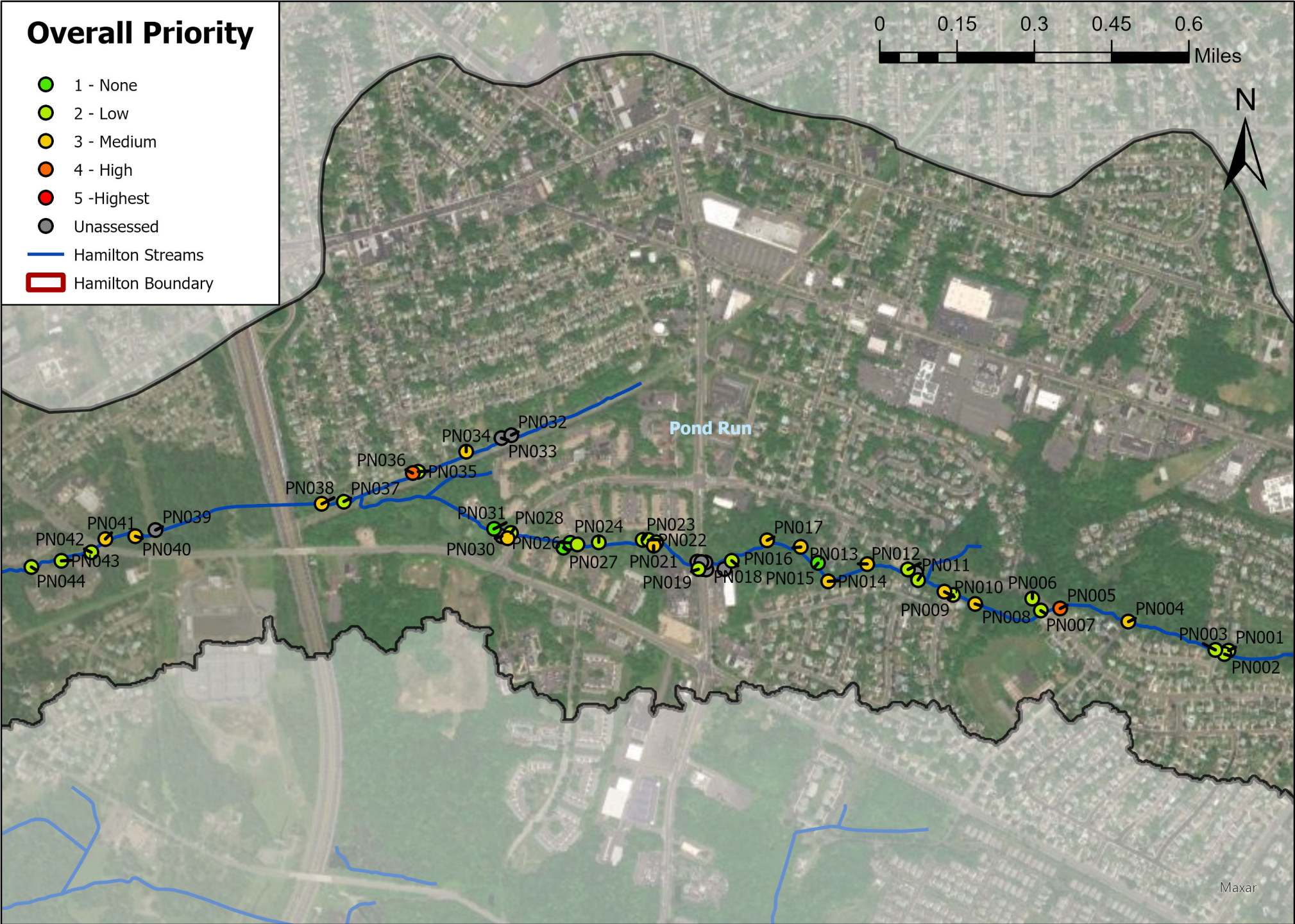
Based on the assessment and summary findings, recommendations are as follows:

1. The three 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 2 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 3 in 2024, 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.

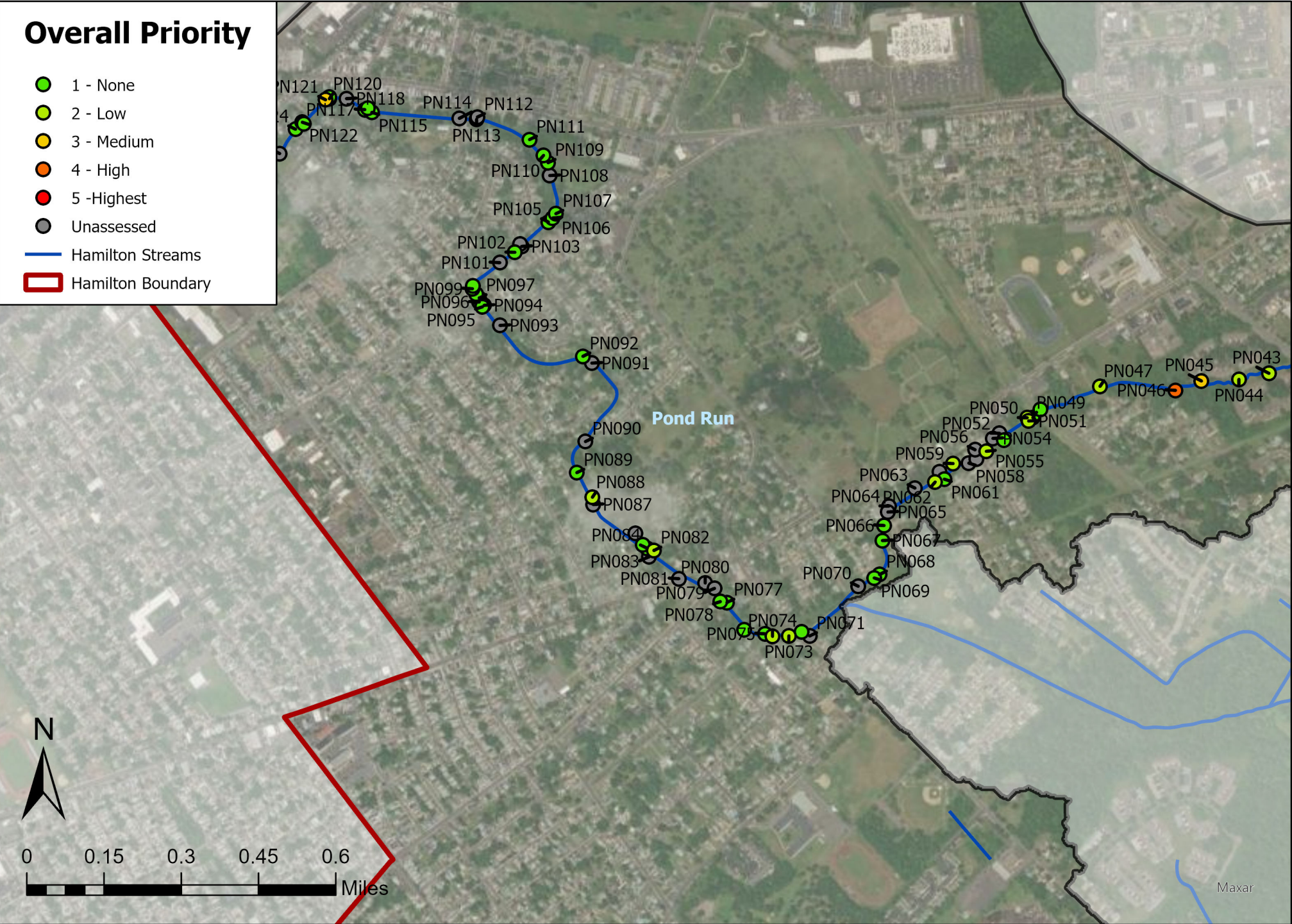
This assessment was not intended to be a complete and comprehensive inventory of all stormwater outfalls in the MS4 system. Efforts for this project focused solely on mapping and inventorying known outfall pipes discharging directly to mapped streams. Other outfalls in the municipal separate storm sewer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

Attachment 1: Outfall Assessment Maps

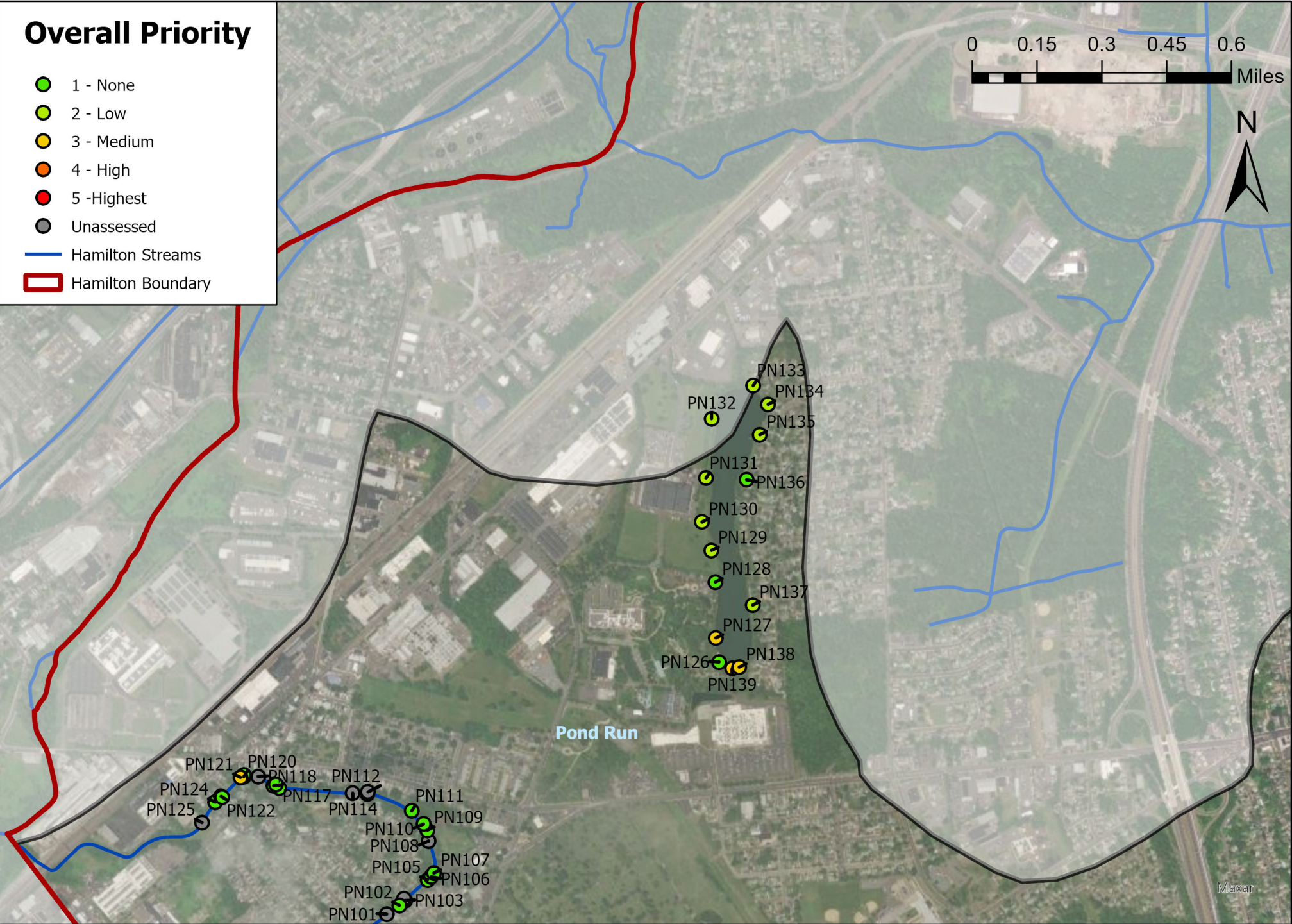
Hamilton Outfall Region 2: Overall Priority East



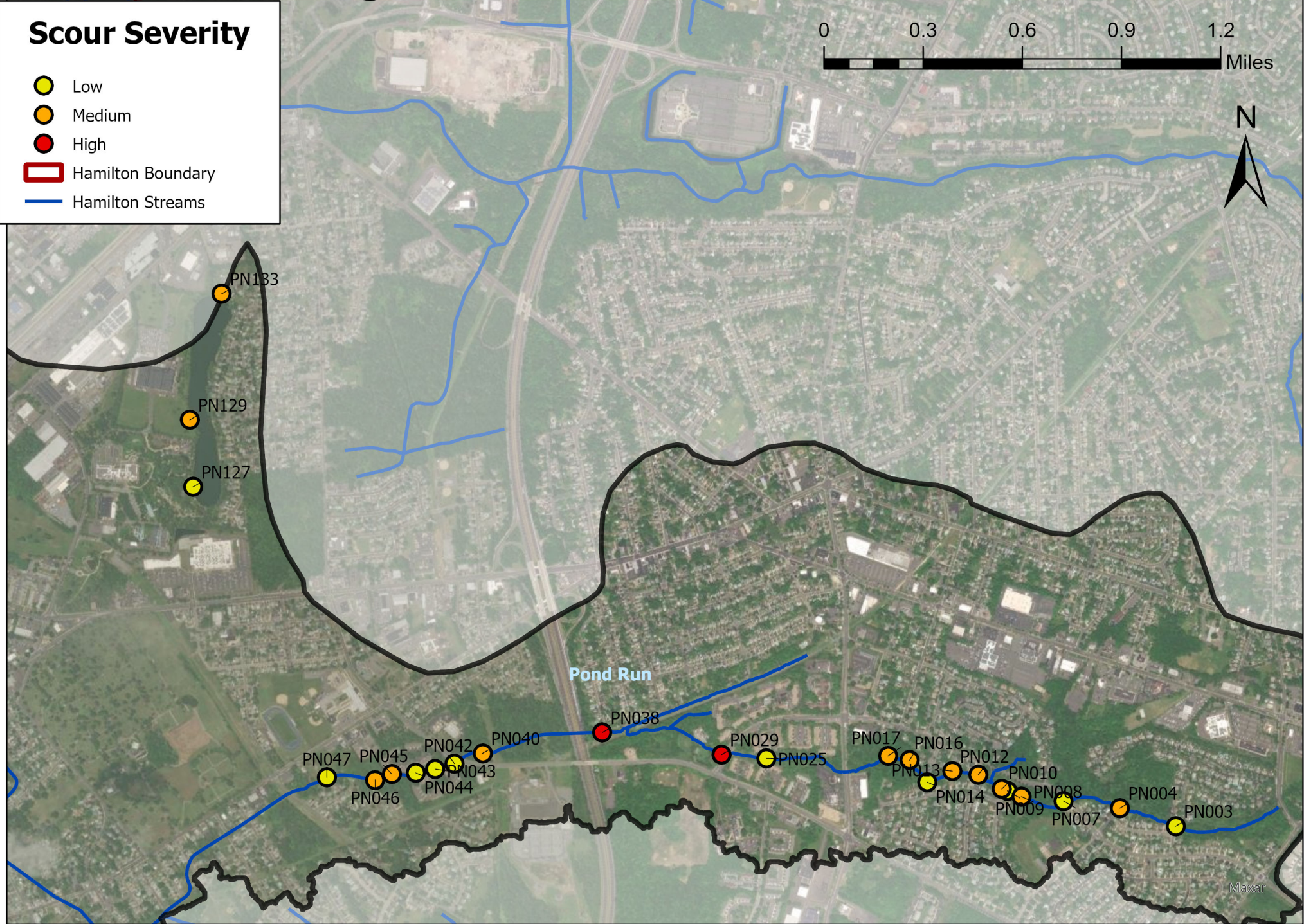
Hamilton Outfall Region 2: Overall Priority West



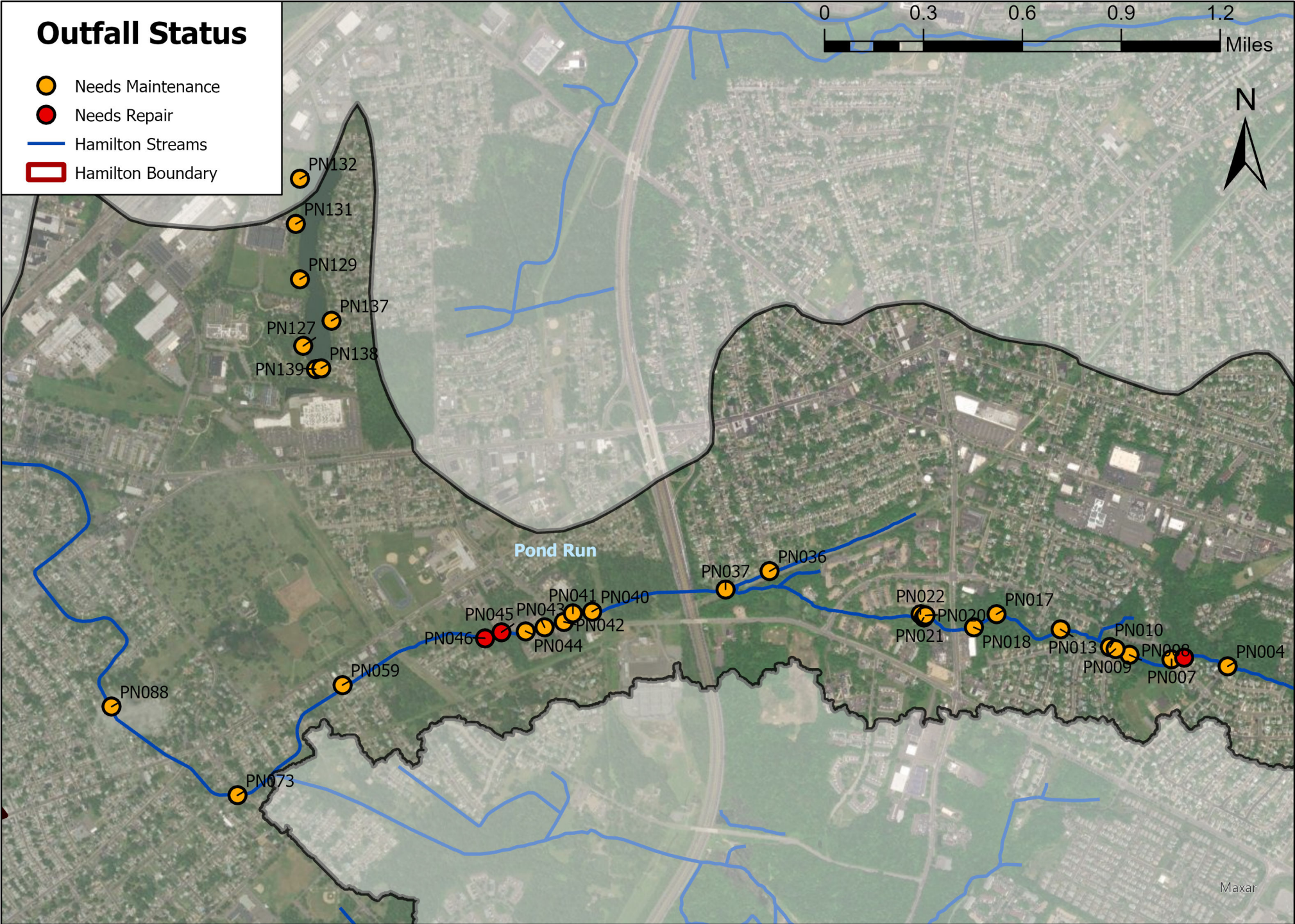
Hamilton Outfall Region 2: Overall Priority North



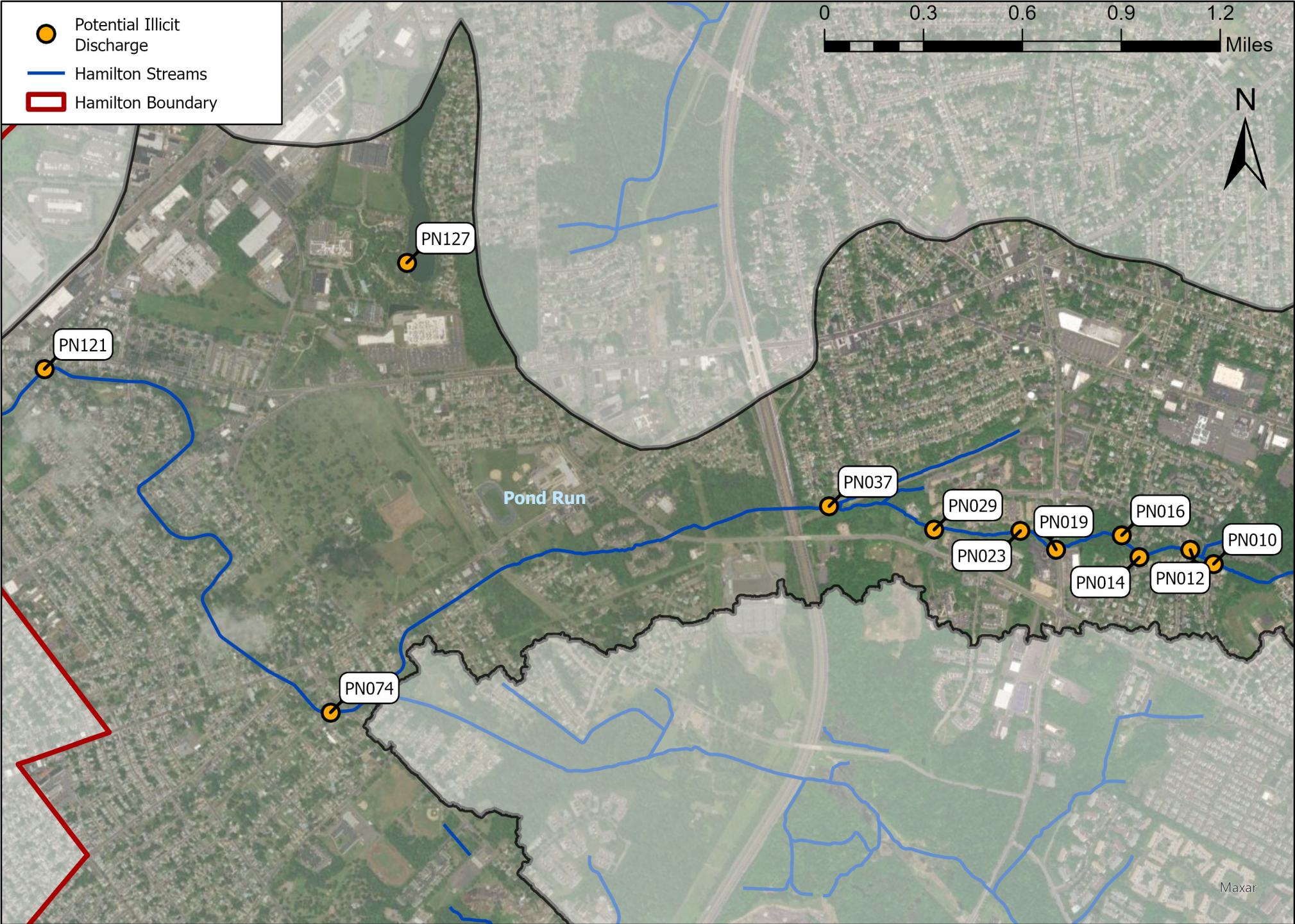
Hamilton Outfall Region 2: Erosion



Hamilton Outfall Region 2: Outfall Maintenance & Repair



Hamilton Outfall Region 2: Potential Illicit Discharges



Attachment 2: Outfall Assessment Tables

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

All Outfall Data

Outfall_ID	OLD_ID	Subwatershed	Is the discharge coming directly from a pipe?	Pipe Diameter [in] (if applicable)	Pipe Material	Distance to pipe from channel outlet (if applicable)	Channel Type (if applicable)	Reinspected	Date of Inspection	Date of Last Rain	Last Rain Amount [in]	Is the pipe fully or partially submerged?	Are there known non-stormwater discharges?	Outfall Condition	Bank Stability	Outfall Damage
PN001	<Null>	Pond Run	Y	30	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Proper condition	Good	1 - Minor Cracking or Corrosion
PN002	<Null>	Pond Run	N	<Null>	<Null>	<Null>	Other	Y	6/6/2023	6/2/2023	0.04	<Null>	N	Proper condition	Good	No Damages
PN003	<Null>	Pond Run	Y	36	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Proper condition	Good	No Damages
PN004	<Null>	Pond Run	Y	24	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Needs Maintenance	Needs Stabilization	1 - Minor Cracking or Corrosion
PN005	C0306	Pond Run	Y	18	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Needs Repair	Fair	3 - Major Cracking or Corrosion
PN006	<Null>	Pond Run	Y	25	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Proper condition	Good	1 - Minor Cracking or Corrosion
PN007	C0307	Pond Run	Y	20	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion
PN008	C0305	Pond Run	N	<Null>	<Null>	<Null>	Vegetated	Y	6/6/2023	6/2/2023	0.04	<Null>	N	Needs Maintenance	Fair	No Damages
PN009	<Null>	Pond Run	N	<Null>	<Null>	<Null>	Vegetated	Y	6/6/2023	6/2/2023	0.04	<Null>	N	Needs Maintenance	Fair	No Damages
PN010	C0301	Pond Run	Y	44	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Needs Maintenance	Fair	2 - Moderate Cracking or Corrosion
PN011	C0302	Pond Run	Y	24	Concrete	<Null>	<Null>	Y	7/25/2023	7/21/2023	0.21	N	N	Proper condition	Fair	No Damages
PN012	C0304	Pond Run	Y	18	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Proper condition	Fair	No Damages
PN013	<Null>	Pond Run	Y	12	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Needs Maintenance	Fair	No Damages
PN014	D0319	Pond Run	Y	38	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Proper condition	Fair	2 - Moderate Cracking or Corrosion
PN015	D0318	Pond Run	Y	15	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Proper condition	Good	1 - Minor Cracking or Corrosion
PN016	D0317	Pond Run	Y	48	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	Y (Partially Submerged)	N	Proper condition	Fair	1 - Minor Cracking or Corrosion
PN017	D0316	Pond Run	Y	32	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion
PN018	D0315	Pond Run	Y	16	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N	N	Needs Maintenance	Fair	No Damages
PN019	D0311	Pond Run	Y	24	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N	N	Proper condition	Good	No Damages
PN020	D0329	Pond Run	N	<Null>	<Null>	<Null>	Vegetated	Y	6/9/2023	6/2/2023	0.04	<Null>	N	Needs Maintenance	Fair	No Damages
PN021	D0328	Pond Run	Y	12	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N	N	Needs Maintenance	Fair	No Damages
PN022	D0327	Pond Run	Y	12	Plastic: PVC	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N	N	Needs Maintenance	Good	1 - Minor Cracking or Corrosion
PN023	D0326	Pond Run	Y	22	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N	N	Proper condition	Good	No Damages
PN024	D0325	Pond Run	Y	24	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Proper condition	Good	1 - Minor Cracking or Corrosion
PN025	D0330	Pond Run	N	<Null>	<Null>	<Null>	Other	Y	6/6/2023	6/2/2023	0.04	<Null>	N	Proper condition	Fair	No Damages
PN026	D0324	Pond Run	Y	24	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Proper condition	Good	No Damages
PN027	D0323	Pond Run	Y	24	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Proper condition	Good	1 - Minor Cracking or Corrosion
PN028	D0322	Pond Run	Y	15	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Proper condition	Good	No Damages
PN029	D0321	Pond Run	Y	40	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Proper condition	Fair	2 - Moderate Cracking or Corrosion
PN030	D0320	Pond Run	Y	18	Concrete	<Null>	<Null>	Not Found/Inaccessible	<Null>	<Null>	<Null>	<Null>	Unknown	<Null>	<Null>	<Null>
PN031	<Null>	Pond Run	Y	24	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Proper condition	Good	No Damages
PN032	D0307	Pond Run	<Null>	16	Metal	<Null>	<Null>	Not Found/Inaccessible	<Null>	<Null>	<Null>	<Null>	Unknown	<Null>	<Null>	<Null>
PN033	D0306	Pond Run	<Null>	15	Concrete	<Null>	<Null>	Not Found/Inaccessible	<Null>	<Null>	<Null>	<Null>	Unknown	<Null>	<Null>	<Null>
PN034	D0305	Pond Run	Y	32	Concrete	<Null>	<Null>	Y	7/25/2023	7/21/2023	0.21	N	N	Proper condition	Fair	No Damages
PN035	D0304	Pond Run	Y	16	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	Y (Partially Submerged)	N	Proper condition	Fair	1 - Minor Cracking or Corrosion
PN036	D0303	Pond Run	Y	16	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	Y (Fully Submerged)	N	Needs Maintenance	Good	2 - Moderate Cracking or Corrosion
PN037	D0301	Pond Run	Y	15	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion
PN038	<Null>	Pond Run	Y	18	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N	N	Proper condition	Good	1 - Minor Cracking or Corrosion
PN039	E0327	Pond Run	<Null>	12	Concrete	<Null>	<Null>	Not Found/Inaccessible	<Null>	<Null>	<Null>	<Null>	Unknown	<Null>	<Null>	<Null>
PN040	E0322	Pond Run	N	<Null>	<Null>	<Null>	Vegetated	Y	7/25/2023	7/21/2023	0.21	<Null>	N	Needs Maintenance	Fair	No Damages
PN041	E0320	Pond Run	Y	26	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N	N	Needs Maintenance	Fair	No Damages
PN042	E0319	Pond Run	N	26	Concrete	17	Vegetated	Y	6/9/2023	6/2/2023	0.04	N	N	Needs Maintenance	Fair	No Damages
PN043	E0321	Pond Run	Y	36	Concrete	<Null>	Concrete	Y	6/9/2023	6/2/2023	0.04	N	N	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion
PN044	E0323	Pond Run	Y	36	Concrete	<Null>	Concrete	Y	6/9/2023	6/2/2023	0.04	N	N	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion
PN045	E0324	Pond Run	Y	38	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N	N	Needs Repair	Needs Stabilization	2 - Moderate Cracking or Corrosion
PN046	E0325	Pond Run	Y	22	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N	N	Needs Repair	Needs Stabilization	2 - Moderate Cracking or Corrosion
PN047	E0326	Pond Run	Y	36	Concrete	<Null>	<Null>	Y	7/25/2023	7/21/2023	0.21	N	N	Proper condition	Needs Stabilization	No Damages
PN048	E0318	Pond Run	Y	24	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N	N	Proper condition	Good	No Damages

All Outfall Data

Outfall_ID	Rainfall Last 72hrs?	Dry Weather Flow?	Illicit Discharge Suspected?	Odor	Color	Turbidity	Floatables	Deposits or Stains	Adjacent Vegetation (compared to other areas)	Stream Scour Present?	Scour Severity	Scour Extent	Notes	Overall Priority	Year Asses Previous
PN001	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Some sediment accumulation, could be cleaned	2 - Low	<Null>
PN002	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Riprap channel coming from further back in woods, couldn't locate a pipe, some signs of bank erosion further back from outfall	2 - Low	<Null>
PN003	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Y	Low	Under 10 ft	Standing water next to outfall and some debris, sediment could be cleared out of stone	2 - Low	<Null>
PN004	N	N	Unsure	Sewage	<Null>	<Null>	Suds	None	normal	Y	Medium	Under 10 ft	Deep pool of standing water adjacent outfall from erosion	3 - Medium	<Null>
PN005	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Sediment buildup / buried. Concrete broken off in stream	4 - High	2015
PN006	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	There are minor cracks present on outfall, there is also sediment build up. Might be a culvert, there is a storm drain that might direct water into it. Replacing former C0308 which was the inlet point of this.	2 - Low	<Null>
PN007	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Y	Low	Under 10 ft	Undermining underneath the outfall	2 - Low	2015
PN008	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Y	Medium	Over 100 ft	long eroded channel	3 - Medium	2015
PN009	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Y	Low	10-100 ft	Runoff from road behind guard rail	2 - Low	<Null>
PN010	N	Y	Y	None	Clear	Clear	None	Excessive sediments	normal	Y	Medium	Under 10 ft	cracking underneath outfall	3 - Medium	2015
PN011	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	found, overgrown vegetation	2 - Low	2015
PN012	N	Y	Y	None	Clear	Clear	Other	None	normal	Y	Medium	Under 10 ft	Welts of grass	2 - Low	2015
PN013	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Y	Medium	10-100 ft	Approx 30ft channel outfall of stream	3 - Medium	<Null>
PN014	N	Y	Y	None	Clear	Clear	None	Other	normal	Y	Low	Under 10 ft	cracks and minor erosion	3 - Medium	2015
PN015	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Gabions reinforcing the wall bank and stream bed.	1 - None	2015
PN016	N	Y	Y	None	Clear	Cloudy	Petroleum	None	normal	Y	Medium	10-100 ft	Partially submerged pipe, very slow moving water bordering on stagnant.	3 - Medium	2015
PN017	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Y	Medium	Under 10 ft	The structure under the pipe is being eroded and undermined	3 - Medium	2015
PN018	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Flared end headwall is covered ontop by tree growth. vegetation and sediment partially blocking flow.	2 - Low	2015
PN019	N	Y	Y	None	Clear	Clear	None	Excessive sediments	normal	N	<Null>	<Null>	the discharge is orange-brown (looks to be iron deposits or algal growth). Other outfalls under bridge are strangely blocked with concrete/boards so no longer serve as outfalls	2 - Low	2015
PN020	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	riprap channel directing flow from parking lot to stream. overgrown with vegetation.	2 - Low	2015
PN021	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	flared headwall of outfall collecting sediment and vegetation, needs maintenance to avoid flow restriction	3 - Medium	2015
PN022	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Crack on top of opening	2 - Low	2015
PN023	N	Y	Y	None	Brown	Cloudy	None	Other	normal	N	<Null>	<Null>	the discharge is an orange-brown color and also floating on top of water	2 - Low	2015
PN024	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Apron is slightly deteriorated	2 - Low	2015
PN025	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Y	Low	Under 10 ft	Rock-Lined Channel	2 - Low	2015
PN026	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	<Null>	1 - None	2015
PN027	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	<Null>	1 - None	2015
PN028	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	<Null>	2 - Low	2015
PN029	N	Y	Y	None	Brown	Clear	None	None	normal	Y	High	Under 10 ft	Backed up with sediment debris	3 - Medium	2015
PN030	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Could not find, location wrong? Photo from 2015	<Null>	2015
PN031	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Gabion infrastructure, some sediment accumulation	1 - None	<Null>
PN032	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	can't find heavily vegetated	<Null>	2015
PN033	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	can't find heavily vegetated	<Null>	2015
PN034	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	partially submerged, found, difficult accessibility heavily vegetated	3 - Medium	2015
PN035	N	N	N	<Null>	<Null>	<Null>	None	None	normal	N	<Null>	<Null>	D0303 is directly adjacent	2 - Low	2015
PN036	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Directly adjacent D0304, Fully submerged and filled with sediment (See 2015 report photo)	4 - High	2015
PN037	N	Y	Y	None	Clear	Clear	None	No Illicit Discharge	normal	N	<Null>	<Null>	<Null>	2 - Low	2015
PN038	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Y	High	Under 10 ft	Some scour and eroded outfall, still works	3 - Medium	<Null>
PN039	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	can't find, vegetation thick on side of stream	<Null>	2015
PN040	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Y	Medium	10-100 ft	No pipe found in this location or riprap. Only a dirt/vegetated channel. Appears to come from development to the south?	3 - Medium	2015
PN041	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Outfall end partially obstructed by over grown vegetation, sediment and leaf litter	3 - Medium	2015
PN042	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Y	Low	Under 10 ft	Lot of vegetation, far from creek	2 - Low	2015
PN043	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Y	Low	Under 10 ft	Minor cracking on top, lot of vegetation surrounding	2 - Low	2015
PN044	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Y	Low	Under 10 ft	Outfall is eroding around the edges, vegetation is a little excessive, bank is eroding.	2 - Low	2015
PN045	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Y	Medium	Under 10 ft	needs repair, bank eroding away	3 - Medium	2015
PN046	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Y	Medium	10-100 ft	Headwall severely broken, but mostly stable otherwise stable	4 - High	2015
PN047	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Y	Low	Under 10 ft	vegetation partially blocking outfall	2 - Low	2015
PN048	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Good, no issues	1 - None	2015

All Outfall Data

Outfall_ID	Rainfall Last 72hrs?	Dry Weather Flow?	Illicit Discharge Suspected?	Odor	Color	Turbidity	Floatables	Deposits or Stains	Adjacent Vegetation (compared to other areas)	Stream Scour Present?	Scour Severity	Scour Extent	Notes	Overall Priority	Year Asses Previous
PN049	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Fenced in	1 - None	2015
PN050	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	some debris on the inside	2 - Low	2015
PN051	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	good some debris	2 - Low	2015
PN052	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	inaccessible, behind fences	<Null>	2015
PN053	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	<Null>	1 - None	2015
PN054	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	inaccessible, behind fences	<Null>	2015
PN055	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	minor deterioration around the outfall	2 - Low	2015
PN056	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	underneath road and waterway is fenced around so we cannot access	<Null>	2015
PN057	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	inaccessible, behind fence	<Null>	2015
PN058	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	inaccessible, behind fence	<Null>	2015
PN059	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	A bunch of leaves are filling the outfall.	2 - Low	2015
PN060	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	2015
PN061	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	<Null>	1 - None	2015
PN062	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Could not access to measure	2 - Low	2015
PN063	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	behind home/fence so inaccessible	<Null>	2015
PN064	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Outfall is covered in vegetation.	<Null>	2015
PN065	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	covered by vegetation, behind fence	<Null>	<Null>
PN066	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	<Null>	1 - None	<Null>
PN067	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	<Null>	1 - None	<Null>
PN068	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	<Null>	1 - None	<Null>
PN069	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	<Null>	1 - None	<Null>
PN070	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Could be filled with vegetation, not sure. May not exist, previous photos poor	<Null>	2015
PN071	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	not found	<Null>	2015
PN072	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	under a bridge that is fenced off. could not confirm diameter	1 - None	2015
PN073	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Sediment build up with some organic matter.	2 - Low	2015
PN074	N	Y	Y	None	Clear	Clear	None	None	normal	N	<Null>	<Null>	Good, just flowing during dry weather	2 - Low	2015
PN075	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	<Null>	1 - None	2015
PN076	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Fenced off	1 - None	2015
PN077	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	inaccessible	1 - None	2015
PN078	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Inaccessible	1 - None	2015
PN079	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	2015
PN080	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	2015
PN081	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Vegetation Blocks View	<Null>	2015
PN082	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Stain underneath, can't access	2 - Low	2015
PN083	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	can't see or reach	<Null>	2015
PN084	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Some stains but looks good	1 - None	2015
PN085	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Fenced off can't fully reinspect	1 - None	2015
PN086	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Could exist, can't see from where we are , fenced	<Null>	<Null>
PN087	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	inaccessible, behind fence	<Null>	2015
PN088	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	There is a minor crack, with some sediment and plants growing in it.	2 - Low	2015
PN089	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	<Null>	1 - None	2015
PN090	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Stream is fenced all around	<Null>	2015
PN091	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Exists but inaccessible	<Null>	<Null>
PN092	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Fenced off	1 - None	<Null>
PN093	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Exists, but Inaccessible, fenced off , in backyard	<Null>	<Null>
PN094	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Fenced off	1 - None	<Null>
PN095	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Looks good, possibly a stain	1 - None	<Null>
PN096	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Exists but under the bridge, can't inspect	<Null>	<Null>
PN097	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Can't see, under bridge	<Null>	<Null>
PN098	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Looks in proper condition, hard to see under the bridge	1 - None	<Null>
PN099	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Looks good	1 - None	<Null>
PN100	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Looks good	1 - None	<Null>
PN101	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Completely inaccessible without going into the fenced channel	<Null>	<Null>
PN102	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Fenced off	1 - None	<Null>
PN103	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Inaccessible, can't see under bridge and fenced channel	<Null>	<Null>
PN104	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Inaccessible, can't see under bridge and fenced channel	<Null>	<Null>
PN105	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Fenced off	1 - None	<Null>
PN106	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Fenced off	1 - None	<Null>
PN107	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Fenced off	1 - None	<Null>
PN108	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	inaccessible, cant see from our side of the fence	<Null>	<Null>
PN109	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Fenced off	1 - None	<Null>
PN110	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Fenced in, can't measure	1 - None	<Null>
PN111	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Seems good	1 - None	<Null>
PN112	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	inaccessible, can't see through heavy vegetation and fenced channel	<Null>	<Null>
PN113	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	inaccessible, can't see through heavy vegetation and fenced channel	<Null>	<Null>
PN114	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	inaccessible, can't see under bridge , fenced off	<Null>	<Null>

All Outfall Data

Outfall_ID	OLD_ID	Subwatershed	Is the discharge coming directly from a pipe?	Pipe Diameter [in] (if applicable)	Pipe Material	Distance to pipe from channel outlet (if applicable)	Channel Type (if applicable)	Reinspected	Date of Inspection	Date of Last Rain	Last Rain Amount [in]	Is the pipe fully or partially submerged?	Are there known non-stormwater discharges?	Outfall Condition	Bank Stability	Outfall Damage
PN115	<Null>	Pond Run	Y	<Null>	Unknown	<Null>	<Null>	Y	7/25/2023	7/21/2023	0.21	N	N	Proper condition	Good	1 - Minor Cracking or Corrosion
PN116	<Null>	Pond Run	Y	<Null>	Unknown	<Null>	<Null>	Y	7/25/2023	7/21/2023	0.21	N	N	Proper condition	Good	No Damages
PN117	<Null>	Pond Run	Y	<Null>	Plastic: PVC	<Null>	<Null>	Y	7/25/2023	7/21/2023	0.21	N	N	Proper condition	Good	No Damages
PN118	<Null>	Pond Run	<Null>	<Null>	<Null>	<Null>	<Null>	Not Found/Inaccessible	<Null>	<Null>	<Null>	<Null>	Unknown	<Null>	<Null>	<Null>
PN119	<Null>	Pond Run	Y	<Null>	Concrete	<Null>	<Null>	Y	7/25/2023	7/21/2023	0.21	N	N	Proper condition	Good	No Damages
PN120	<Null>	Pond Run	Y	<Null>	Concrete	<Null>	<Null>	Y	7/25/2023	7/21/2023	0.21	N	N	Proper condition	Good	No Damages
PN121	<Null>	Pond Run	Y	<Null>	Concrete	<Null>	<Null>	Y	7/25/2023	7/21/2023	0.21	N	N	Proper condition	Good	1 - Minor Cracking or Corrosion
PN122	<Null>	Pond Run	Y	<Null>	Concrete	<Null>	<Null>	Y	7/25/2023	7/21/2023	0.21	N	N	Proper condition	Good	No Damages
PN123	<Null>	Pond Run	Y	<Null>	Concrete	<Null>	<Null>	Y	7/25/2023	7/21/2023	0.21	N	N	Proper condition	Good	No Damages
PN124	<Null>	Pond Run	Y	<Null>	Unknown	<Null>	<Null>	Y	7/25/2023	7/21/2023	0.21	N	N	Proper condition	Good	No Damages
PN125	<Null>	Pond Run	<Null>	<Null>	<Null>	<Null>	<Null>	Not Found/Inaccessible	<Null>	<Null>	<Null>	<Null>	Unknown	<Null>	<Null>	<Null>
PN126	E0207	Pond Run	Y	6	Plastic	<Null>	<Null>	Y	6/21/2023	6/16/2023	0.53	N	N	Proper condition	Fair	No Damages
PN127	<Null>	Pond Run	Y	34	Concrete	<Null>	<Null>	Y	6/21/2023	6/16/2023	0.53	N	N	Needs Maintenance	Fair	2 - Moderate Cracking or Corrosion
PN128	E0203	Pond Run	Y	23	Concrete	<Null>	<Null>	Y	6/21/2023	6/16/2023	0.53	N	N	Proper condition	Good	No Damages
PN129	E0208	Pond Run	Y	14	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N	N	Needs Maintenance	Good	1 - Minor Cracking or Corrosion
PN130	E0209	Pond Run	Y	26	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N	N	Proper condition	Good	No Damages
PN131	E0210	Pond Run	Y	30	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N	N	Needs Maintenance	Good	1 - Minor Cracking or Corrosion
PN132	E0211	Assunpink Creek	Y	30	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N	N	Needs Maintenance	Good	1 - Minor Cracking or Corrosion
PN133	E0224	Assunpink Creek	Y	16	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N	N	Proper condition	Good	No Damages
PN134	E0223	Pond Run	Y	12	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N	N	Proper condition	Fair	No Damages
PN135	E0222	Pond Run	Y	16	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N	N	Proper condition	Fair	No Damages
PN136	E0225	Pond Run	Y	20	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N	N	Proper condition	Good	No Damages
PN137	E0226	Pond Run	Y	18	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N	N	Needs Maintenance	Good	1 - Minor Cracking or Corrosion
PN138	E0206	Pond Run	Y	24	Concrete	<Null>	<Null>	Y	6/21/2023	6/16/2023	0.53	N	N	Needs Maintenance	Good	No Damages
PN139	E0205	Pond Run	Y	24	Metal	<Null>	<Null>	Y	6/21/2023	6/16/2023	0.53	N	N	Needs Maintenance	Fair	2 - Moderate Cracking or Corrosion

All Outfall Data

Outfall_ID	Rainfall Last 72hrs?	Dry Weather Flow?	Illicit Discharge Suspected?	Odor	Color	Turbidity	Floatables	Deposits or Stains	Adjacent Vegetation (compared to other areas)	Stream Scour Present?	Scour Severity	Scour Extent	Notes	Overall Priority	Year Asses Previous
PN115	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Fenced off	1 - None	<Null>
PN116	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Fenced off	1 - None	<Null>
PN117	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Fenced off	1 - None	<Null>
PN118	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Inaccessible, can't see under bridge, represents all possible outlets under bridge	<Null>	<Null>
PN119	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Fenced off	1 - None	<Null>
PN120	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Fenced off in channel	1 - None	<Null>
PN121	N	Y	Y	None	Clear	Clear	None	None	normal	N	<Null>	<Null>	Fenced off, has dry weather flow , estimated measurement 36"	3 - Medium	<Null>
PN122	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Fenced off	1 - None	<Null>
PN123	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Fenced off	1 - None	<Null>
PN124	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Looks fine, underneath the bridge so we can't do a closer inspection	1 - None	<Null>
PN125	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Inaccessible, can't see through heavy vegetation and fenced channel	<Null>	<Null>
PN126	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	<Null>	1 - None	2015
PN127	N	Y	Y	None	Clear	Clear	None	None	normal	Y	Low	Under 10 ft	pond that serves as retention basin at grounds for sculpture draining to outfall	3 - Medium	<Null>
PN128	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	<Null>	1 - None	2015
PN129	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Y	Medium	Under 10 ft	corner of headwall piece broken off. Erosion under concrete base	2 - Low	2015
PN130	N	N	Unsure	None	<Null>	<Null>	<Null>	White crystalline	normal	N	<Null>	<Null>	white/grey staining	2 - Low	2015
PN131	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Metal rebar visible around sides and top of the end piece.	2 - Low	2015
PN132	Y	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	<Null>	2 - Low	2015
PN133	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Y	Medium	10-100 ft	Bowl like shaped scour hole in ground around outfall.	2 - Low	2015
PN134	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Some sediment and leaf litter build up on bottom of outfall that could be cleared out.	2 - Low	2015
PN135	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Large tree growing in front of outfall. some erosion under concrete platform outfall is sitting on.	2 - Low	2015
PN136	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	<Null>	1 - None	2015
PN137	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	Some metal rebar visible, plant growth in front of outlet. homeowner says recently cleaned out.	2 - Low	2015
PN138	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	outfall has mounds of rocks and sediment at the base, would restrict flow of storm water. requires maintenance for proper function.	3 - Medium	2015
PN139	N	N	N	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	N	<Null>	<Null>	four outfalls in a line, all similar condition, same size, metal pipes with concrete flow pad and metal cage around them	3 - Medium	2015

Priority Outfall Data

Outfall_ID	OLD_ID	Subwatershed	Is the discharge coming directly from a pipe?	Pipe Diameter [in] (if applicable)	Pipe Material	Distance to pipe from channel outlet (if applicable)	Channel Type (if applicable)	Reinspected	Date of Inspection	Date of Last Rain	Last Rain Amount [in]	Is the pipe fully or partially submerged?
PN005	C0306	Pond Run	Y	18	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N
PN036	D0303	Pond Run	Y	16	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	Y (Fully Submerged)
PN046	E0325	Pond Run	Y	22	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N
PN004	<Null>	Pond Run	Y	24	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N
PN008	C0305	Pond Run	N	<Null>	<Null>	<Null>	Vegetated	Y	6/6/2023	6/2/2023	0.04	<Null>
PN010	C0301	Pond Run	Y	44	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N
PN013	<Null>	Pond Run	Y	12	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N
PN014	D0319	Pond Run	Y	38	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N
PN016	D0317	Pond Run	Y	48	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	Y (Partially Submerged)
PN017	D0316	Pond Run	Y	32	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N
PN021	D0328	Pond Run	Y	12	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N
PN029	D0321	Pond Run	Y	40	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N
PN034	D0305	Pond Run	Y	32	Concrete	<Null>	<Null>	Y	7/25/2023	7/21/2023	0.21	N
PN038	<Null>	Pond Run	Y	18	Concrete	<Null>	<Null>	Y	6/6/2023	6/2/2023	0.04	N
PN040	E0322	Pond Run	N	<Null>	<Null>	<Null>	Vegetated	Y	7/25/2023	7/21/2023	0.21	<Null>
PN041	E0320	Pond Run	Y	26	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N
PN045	E0324	Pond Run	Y	38	Concrete	<Null>	<Null>	Y	6/9/2023	6/2/2023	0.04	N
PN121	<Null>	Pond Run	Y	<Null>	Concrete	<Null>	<Null>	Y	7/25/2023	7/21/2023	0.21	N
PN127	<Null>	Pond Run	Y	34	Concrete	<Null>	<Null>	Y	6/21/2023	6/16/2023	0.53	N
PN139	E0205	Pond Run	Y	24	Metal	<Null>	<Null>	Y	6/21/2023	6/16/2023	0.53	N
PN138	E0206	Pond Run	Y	24	Concrete	<Null>	<Null>	Y	6/21/2023	6/16/2023	0.53	N

Priority Outfall Data

Outfall_ID	Are there known non-stormwater discharges?	Outfall Condition	Bank Stability	Outfall Damage	Rainfall Last 72hrs?	Dry Weather Flow?	Illicit Discharge Suspected?	Odor	Color	Turbidity	Floatables
PN005	N	Needs Repair	Fair	3 - Major Cracking or Corrosion	N	N	N	<Null>	<Null>	<Null>	<Null>
PN036	N	Needs Maintenance	Good	2 - Moderate Cracking or Corrosion	N	N	N	<Null>	<Null>	<Null>	<Null>
PN046	N	Needs Repair	Needs Stabilization	2 - Moderate Cracking or Corrosion	N	N	N	<Null>	<Null>	<Null>	<Null>
PN004	N	Needs Maintenance	Needs Stabilization	1 - Minor Cracking or Corrosion	N	N	Unsure	Sewage	<Null>	<Null>	Suds
PN008	N	Needs Maintenance	Fair	No Damages	N	N	N	<Null>	<Null>	<Null>	<Null>
PN010	N	Needs Maintenance	Fair	2 - Moderate Cracking or Corrosion	N	Y	Y	None	Clear	Clear	None
PN013	N	Needs Maintenance	Fair	No Damages	N	N	N	<Null>	<Null>	<Null>	<Null>
PN014	N	Proper condition	Fair	2 - Moderate Cracking or Corrosion	N	Y	Y	None	Clear	Clear	None
PN016	N	Proper condition	Fair	1 - Minor Cracking or Corrosion	N	Y	Y	None	Clear	Cloudy	Petroleum
PN017	N	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	N	N	N	<Null>	<Null>	<Null>	<Null>
PN021	N	Needs Maintenance	Fair	No Damages	N	N	N	<Null>	<Null>	<Null>	<Null>
PN029	N	Proper condition	Fair	2 - Moderate Cracking or Corrosion	N	Y	Y	None	Brown	Clear	None
PN034	N	Proper condition	Fair	No Damages	N	N	N	<Null>	<Null>	<Null>	<Null>
PN038	N	Proper condition	Good	1 - Minor Cracking or Corrosion	N	N	N	<Null>	<Null>	<Null>	<Null>
PN040	N	Needs Maintenance	Fair	No Damages	N	N	N	<Null>	<Null>	<Null>	<Null>
PN041	N	Needs Maintenance	Fair	No Damages	N	N	N	<Null>	<Null>	<Null>	<Null>
PN045	N	Needs Repair	Needs Stabilization	2 - Moderate Cracking or Corrosion	N	N	N	<Null>	<Null>	<Null>	<Null>
PN121	N	Proper condition	Good	1 - Minor Cracking or Corrosion	N	Y	Y	None	Clear	Clear	None
PN127	N	Needs Maintenance	Fair	2 - Moderate Cracking or Corrosion	N	Y	Y	None	Clear	Clear	None
PN139	N	Needs Maintenance	Fair	2 - Moderate Cracking or Corrosion	N	N	N	<Null>	<Null>	<Null>	<Null>
PN138	N	Needs Maintenance	Good	No Damages	N	N	N	<Null>	<Null>	<Null>	<Null>

Priority Outfall Data

Outfall_ID	Deposits or Stains	Adjacent Vegetation (compared to other areas)	Stream Scour Present?	Scour Severity	Scour Extent	Notes	Overall Priority	Year Asses Previous
PN005	<Null>	<Null>	N	<Null>	<Null>	Sediment buildup / buried. Concrete broken off in stream	4 - High	2015
PN036	<Null>	<Null>	N	<Null>	<Null>	Directly adjacent D0304, Fully submerged and filled with sediment (See 2015 report photo)	4 - High	2015
PN046	<Null>	<Null>	Y	Medium	10-100 ft	Headwall severely broken, but mostly stable otherwise stable	4 - High	2015
PN004	None	normal	Y	Medium	Under 10 ft	Deep pool of standing water adjacent outfall from erosion	3 - Medium	<Null>
PN008	<Null>	<Null>	Y	Medium	Over 100 ft	long eroded channel	3 - Medium	2015
PN010	Excessive sediments	normal	Y	Medium	Under 10 ft	cracking underneath outfall	3 - Medium	2015
PN013	<Null>	<Null>	Y	Medium	10-100 ft	Approx 30ft channel outfall of stream	3 - Medium	<Null>
PN014	Other	normal	Y	Low	Under 10 ft	cracks and minor erosion	3 - Medium	2015
PN016	None	normal	Y	Medium	10-100 ft	Partially submerged pipe, very slow moving water bordering on stagnant.	3 - Medium	2015
PN017	<Null>	<Null>	Y	Medium	Under 10 ft	The structure under the pipe is being eroded and undermined	3 - Medium	2015
PN021	<Null>	<Null>	N	<Null>	<Null>	flared headwall of outfall collecting sediment and vegetation, needs maintenance to avoid flow restriction	3 - Medium	2015
PN029	None	normal	Y	High	Under 10 ft	Backed up with sediment debris	3 - Medium	2015
PN034	<Null>	<Null>	N	<Null>	<Null>	partially submerged, found, difficult accessibility heavily vegetated	3 - Medium	2015
PN038	<Null>	<Null>	Y	High	Under 10 ft	Some scour and eroded outfall, still works	3 - Medium	<Null>
PN040	<Null>	<Null>	Y	Medium	10-100 ft	No pipe found in this location or riprap. Only a dirt/vegetated channel. Appears to come from development to the south?	3 - Medium	2015
PN041	<Null>	<Null>	N	<Null>	<Null>	Outfall end partially obstructed by over grown vegetation, sediment and leaf litter	3 - Medium	2015
PN045	<Null>	<Null>	Y	Medium	Under 10 ft	needs repair, bank eroding away	3 - Medium	2015
PN121	None	normal	N	<Null>	<Null>	Fenced off, has dry weather flow , estimated measurement 36"	3 - Medium	<Null>
PN127	None	normal	Y	Low	Under 10 ft	pond that serves as retention basin at grounds for sculpture draining to outfall	3 - Medium	<Null>
PN139	<Null>	<Null>	N	<Null>	<Null>	four outfalls in a line, all similar condition, same size, metal pipes with concrete flow pad and metal cage around them	3 - Medium	2015
PN138	<Null>	<Null>	N	<Null>	<Null>	outfall has mounds of rocks and sediment at the base, would restrict flow of storm water. requires maintenance for proper function.	3 - Medium	2015

Scouring

Outfall_ID	OLD_ID	Date of Inspection	Outfall Condition	Bank Stability	Stream Scour Present?	Scour Severity	Scour Extent	Notes	Overall Priority
PN029	D0321	6/6/2023	Proper condition	Fair	Y	High	Under 10 ft	Backed up with sediment debris	3 - Medium
PN038	<Null>	6/6/2023	Proper condition	Good	Y	High	Under 10 ft	Some scour and eroded outfall, still works	3 - Medium
PN046	E0325	6/9/2023	Needs Repair	Needs Stabilization	Y	Medium	10-100 ft	Headwall severely broken, but mostly stable otherwise stable	4 - High
PN004	<Null>	6/6/2023	Needs Maintenance	Needs Stabilization	Y	Medium	Under 10 ft	Deep pool of standing water adjacent outfall from erosion	3 - Medium
PN008	C0305	6/6/2023	Needs Maintenance	Fair	Y	Medium	Over 100 ft	long eroded channel	3 - Medium
PN010	C0301	6/6/2023	Needs Maintenance	Fair	Y	Medium	Under 10 ft	cracking underneath outfall	3 - Medium
PN013	<Null>	6/6/2023	Needs Maintenance	Fair	Y	Medium	10-100 ft	Approx 30ft channel outfall of stream	3 - Medium
PN016	D0317	6/6/2023	Proper condition	Fair	Y	Medium	10-100 ft	Partially submerged pipe, very slow moving water bordering on stagnant.	3 - Medium
PN017	D0316	6/6/2023	Needs Maintenance	Fair	Y	Medium	Under 10 ft	The structure under the pipe is being eroded and undermined	3 - Medium
PN040	E0322	7/25/2023	Needs Maintenance	Fair	Y	Medium	10-100 ft	No pipe found in this location or riprap. Only a dirt/vegetated channel. Appears to come from development to the south?	3 - Medium
PN045	E0324	6/9/2023	Needs Repair	Needs Stabilization	Y	Medium	Under 10 ft	needs repair, bank eroding away	3 - Medium
PN012	C0304	6/6/2023	Proper condition	Fair	Y	Medium	Under 10 ft	Welts of grass	2 - Low
PN129	E0208	6/9/2023	Needs Maintenance	Good	Y	Medium	Under 10 ft	corner of headwall piece broken off. Erosion under concrete base	2 - Low
PN133	E0224	6/9/2023	Proper condition	Good	Y	Medium	10-100 ft	Bowl like shaped scour hole in ground around outfall.	2 - Low
PN014	D0319	6/6/2023	Proper condition	Fair	Y	Low	Under 10 ft	cracks and minor erosion	3 - Medium
PN127	<Null>	6/21/2023	Needs Maintenance	Fair	Y	Low	Under 10 ft	pond that serves as retention basin at grounds for sculpture draining to outfall	3 - Medium
PN003	<Null>	6/6/2023	Proper condition	Good	Y	Low	Under 10 ft	Standing water next to outfall and some debris, sediment could be cleared out of stone	2 - Low
PN007	C0307	6/6/2023	Needs Maintenance	Fair	Y	Low	Under 10 ft	Undermining underneath the outfall	2 - Low
PN009	<Null>	6/6/2023	Needs Maintenance	Fair	Y	Low	10-100 ft	Runoff from road behind guard rail	2 - Low
PN025	D0330	6/6/2023	Proper condition	Fair	Y	Low	Under 10 ft	Rock-Lined Channel	2 - Low
PN042	E0319	6/9/2023	Needs Maintenance	Fair	Y	Low	Under 10 ft	Lot of vegetation, far from creek	2 - Low
PN043	E0321	6/9/2023	Needs Maintenance	Fair	Y	Low	Under 10 ft	Minor cracking on top , lot of vegetation surrounding	2 - Low
PN044	E0323	6/9/2023	Needs Maintenance	Fair	Y	Low	Under 10 ft	Outfall is eroding around the edges, vegetation is a little excessive, bank is eroding.	2 - Low
PN047	E0326	7/25/2023	Proper condition	Needs Stabilization	Y	Low	Under 10 ft	vegetation partially blocking outfall	2 - Low

Outfall Damage

Outfall_ID	OLD_ID	Is the discharge coming directly from a pipe?	Pipe Diameter [in] (if applicable)	Pipe Material	Distance to pipe from channel outlet (if applicable)	Channel Type (if applicable)	Date of Inspection	Outfall Condition	Bank Stability	Outfall Damage	Notes	Overall Priority
PN005	C0306	Y	18	Concrete	<Null>	<Null>	6/6/2023	Needs Repair	Fair	3 - Major Cracking or Corrosion	Sediment buildup / buried. Concrete broken off in stream	4 - High
PN036	D0303	Y	16	Concrete	<Null>	<Null>	6/6/2023	Needs Maintenance	Good	2 - Moderate Cracking or Corrosion	Directly adjacent D0304, Fully submerged and filled with sediment (See 2015 report photo)	4 - High
PN046	E0325	Y	22	Concrete	<Null>	<Null>	6/9/2023	Needs Repair	Needs Stabilization	2 - Moderate Cracking or Corrosion	Headwall severely broken, but mostly stable otherwise stable	4 - High
PN010	C0301	Y	44	Concrete	<Null>	<Null>	6/6/2023	Needs Maintenance	Fair	2 - Moderate Cracking or Corrosion	cracking underneath outfall	3 - Medium
PN014	D0319	Y	38	Concrete	<Null>	<Null>	6/6/2023	Proper condition	Fair	2 - Moderate Cracking or Corrosion	cracks and minor erosion	3 - Medium
PN029	D0321	Y	40	Concrete	<Null>	<Null>	6/6/2023	Proper condition	Fair	2 - Moderate Cracking or Corrosion	Backed up with sediment debris	3 - Medium
PN045	E0324	Y	38	Concrete	<Null>	<Null>	6/9/2023	Needs Repair	Needs Stabilization	2 - Moderate Cracking or Corrosion	needs repair, bank eroding away	3 - Medium
PN127	<Null>	Y	34	Concrete	<Null>	<Null>	6/21/2023	Needs Maintenance	Fair	2 - Moderate Cracking or Corrosion	pond that serves as retention basin at grounds for sculpture draining to outfall	3 - Medium
PN139	E0205	Y	24	Metal	<Null>	<Null>	6/21/2023	Needs Maintenance	Fair	2 - Moderate Cracking or Corrosion	four outfalls in a line, all similar condition, same size, metal pipes with concrete flow pad and metal cage around them	3 - Medium
PN004	<Null>	Y	24	Concrete	<Null>	<Null>	6/6/2023	Needs Maintenance	Needs Stabilization	1 - Minor Cracking or Corrosion	Deep pool of standing water adjacent outfall from erosion	3 - Medium
PN016	D0317	Y	48	Concrete	<Null>	<Null>	6/6/2023	Proper condition	Fair	1 - Minor Cracking or Corrosion	Partially submerged pipe, very slow moving water bordering on stagnant.	3 - Medium
PN017	D0316	Y	32	Concrete	<Null>	<Null>	6/6/2023	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	The structure under the pipe is being eroded and undermined	3 - Medium
PN038	<Null>	Y	18	Concrete	<Null>	<Null>	6/6/2023	Proper condition	Good	1 - Minor Cracking or Corrosion	Some scour and eroded outfall, still works	3 - Medium
PN121	<Null>	Y	<Null>	Concrete	<Null>	<Null>	7/25/2023	Proper condition	Good	1 - Minor Cracking or Corrosion	Fenced off, has dry weather flow , estimated measurement 36"	3 - Medium
PN001	<Null>	Y	30	Concrete	<Null>	<Null>	6/6/2023	Proper condition	Good	1 - Minor Cracking or Corrosion	Some sediment accumulation, could be cleaned	2 - Low
PN006	<Null>	Y	25	Concrete	<Null>	<Null>	6/6/2023	Proper condition	Good	1 - Minor Cracking or Corrosion	There are minor cracks present on outfall, there is also sediment build up. Might be a culvert, there is a storm drain that might direct water into it. Replacing former C0308 which was the inlet point of this.	2 - Low
PN007	C0307	Y	20	Concrete	<Null>	<Null>	6/6/2023	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	Undermining underneath the outfall	2 - Low
PN022	D0327	Y	12	Plastic: PVC	<Null>	<Null>	6/9/2023	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	Crack on top of opening	2 - Low
PN024	D0325	Y	24	Concrete	<Null>	<Null>	6/6/2023	Proper condition	Good	1 - Minor Cracking or Corrosion	Apron is slightly deteriorated	2 - Low
PN035	D0304	Y	16	Concrete	<Null>	<Null>	6/6/2023	Proper condition	Fair	1 - Minor Cracking or Corrosion	D0303 is directly adjacent	2 - Low
PN037	D0301	Y	15	Concrete	<Null>	<Null>	6/6/2023	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	<Null>	2 - Low
PN043	E0321	Y	36	Concrete	<Null>	Concrete	6/9/2023	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	Minor cracking on top , lot of vegetation surrounding	2 - Low
PN044	E0323	Y	36	Concrete	<Null>	Concrete	6/9/2023	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	Outfall is eroding around the edges, vegetation is a little excessive, bank is eroding.	2 - Low
PN050	E0315	Y	16	Concrete	<Null>	<Null>	6/9/2023	Proper condition	Good	1 - Minor Cracking or Corrosion	some debris on the inside	2 - Low
PN055	E0310	Y	16	Concrete	<Null>	<Null>	6/9/2023	Proper condition	Good	1 - Minor Cracking or Corrosion	minor deterioration around the outfall	2 - Low
PN088	F0319	Y	10	Concrete	<Null>	<Null>	6/9/2023	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	There is a minor crack, with some sediment and plants growing in it.	2 - Low
PN129	E0208	Y	14	Concrete	<Null>	<Null>	6/9/2023	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	corner of headwall piece broken off. Erosion under concrete base	2 - Low
PN131	E0210	Y	30	Concrete	<Null>	<Null>	6/9/2023	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	Metal rebar visible around sides and top of the end piece.	2 - Low
PN132	E0211	Y	30	Concrete	<Null>	<Null>	6/9/2023	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	<Null>	2 - Low
PN137	E0226	Y	18	Concrete	<Null>	<Null>	6/9/2023	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	Some metal rebar visible, plant growth in front of outlet. homeowner says recently cleaned out.	2 - Low
PN015	D0318	Y	15	Concrete	<Null>	<Null>	6/6/2023	Proper condition	Good	1 - Minor Cracking or Corrosion	Gabions reinforcing the wall bank and stream bed.	1 - None
PN027	D0323	Y	24	Concrete	<Null>	<Null>	6/6/2023	Proper condition	Good	1 - Minor Cracking or Corrosion	<Null>	1 - None
PN102	<Null>	Y	<Null>	Concrete	<Null>	<Null>	7/25/2023	Proper condition	Good	1 - Minor Cracking or Corrosion	Fenced off	1 - None
PN115	<Null>	Y	<Null>	Unknown	<Null>	<Null>	7/25/2023	Proper condition	Good	1 - Minor Cracking or Corrosion	Fenced off	1 - None

Suspected Illicit Discharge

Outfall_ID	OLD_ID	Subwatershed	Date of Inspection	Date of Last Rain	Last Rain Amount [in]	Is the pipe fully or partially submerged?	Are there known non-stormwater discharges?	Rainfall Last 72hrs?	Dry Weather Flow?	Illicit Discharge Suspected?	Odor
PN010	C0301	Pond Run	6/6/2023	6/2/2023	0.04	N	N	N	Y	Y	None
PN012	C0304	Pond Run	6/6/2023	6/2/2023	0.04	N	N	N	Y	Y	None
PN014	D0319	Pond Run	6/6/2023	6/2/2023	0.04	N	N	N	Y	Y	None
PN016	D0317	Pond Run	6/6/2023	6/2/2023	0.04	Y (Partially Submerged)	N	N	Y	Y	None
PN019	D0311	Pond Run	6/9/2023	6/2/2023	0.04	N	N	N	Y	Y	None
PN023	D0326	Pond Run	6/9/2023	6/2/2023	0.04	N	N	N	Y	Y	None
PN029	D0321	Pond Run	6/6/2023	6/2/2023	0.04	N	N	N	Y	Y	None
PN037	D0301	Pond Run	6/6/2023	6/2/2023	0.04	N	N	N	Y	Y	None
PN074	F0305	Pond Run	6/9/2023	6/2/2023	0.04	N	N	N	Y	Y	None
PN121	<Null>	Pond Run	7/25/2023	7/21/2023	0.21	N	N	N	Y	Y	None
PN127	<Null>	Pond Run	6/21/2023	6/16/2023	0.53	N	N	N	Y	Y	None
PN004	<Null>	Pond Run	6/6/2023	6/2/2023	0.04	N	N	N	N	Unsure	Sewage
PN130	E0209	Pond Run	6/9/2023	6/2/2023	0.04	N	N	N	N	Unsure	None

Suspected Illicit Discharge

Outfall_ID	Color	Turbidity	Floatables	Deposits or Stains	Adjacent Vegetation (compared to other areas)	Notes	Overall Priority
PN010	Clear	Clear	None	Excessive sediments	normal	cracking underneath outfall	3 - Medium
PN012	Clear	Clear	Other	None	normal	Welts of grass	2 - Low
PN014	Clear	Clear	None	Other	normal	cracks and minor erosion	3 - Medium
PN016	Clear	Cloudy	Petroleum	None	normal	Partially submerged pipe, very slow moving water bordering on stagnant.	3 - Medium
PN019	Clear	Clear	None	Excessive sediments	normal	the discharge is orange-brown (looks to be iron deposits or algal growth), Other outfalls under bridge are strangely blocked with concrete/boards so no longer serve as outfalls	2 - Low
PN023	Brown	Cloudy	None	Other	normal	the discharge is an orange-brown color and also floating on top of water	2 - Low
PN029	Brown	Clear	None	None	normal	Backed up with sediment debris	3 - Medium
PN037	Clear	Clear	None	No Illicit Discharge	normal	<Null>	2 - Low
PN074	Clear	Clear	None	None	normal	Good, just flowing during dry weather	2 - Low
PN121	Clear	Clear	None	None	normal	Fenced off, has dry weather flow , estimated measurement 36"	3 - Medium
PN127	Clear	Clear	None	None	normal	pond that serves as retention basin at grounds for sculpture draining to outfall	3 - Medium
PN004	<Null>	<Null>	Suds	None	normal	Deep pool of standing water adjacent outfall from erosion	3 - Medium
PN130	<Null>	<Null>	<Null>	White crystalline	normal	white/grey staining	2 - Low

Outfalls Removed from Database

OLD_ID *	Subwatershed	Is the discharge coming directly from a pipe?	Pipe Diameter [in] (if applicable)	Pipe Material	Notes	Year Assessed Previous
D0308	Pond Run	Y	18	Concrete	outfall blocked by bricks, no longer serves as outfall	2015
D0309	Pond Run	Y	18	Concrete	outfall is blocked off by bricks, no longer serves as an outfall	2015
D0310	Pond Run	<Null>	18	Concrete	concrete channel to a detention basin at location, real location is under bridge-- otherwise no outfall was found, original point part of bridge cluster, real	2015
D0313	Pond Run	Y	18	Concrete	Pipe is blocked off by bricks and no longer serves as an outfall	2015
D0312	Pond Run	Y	36	Concrete	outfall flow is obstructed by bricks, no longer serves to conduct flow	2015
D0314	Pond Run	Y	36	Concrete	Pipe is blocked off by bricks and no longer serves as an outfall	2015
C0303	Pond Run	<Null>	36	Concrete	Culvert, not an outfall	2015