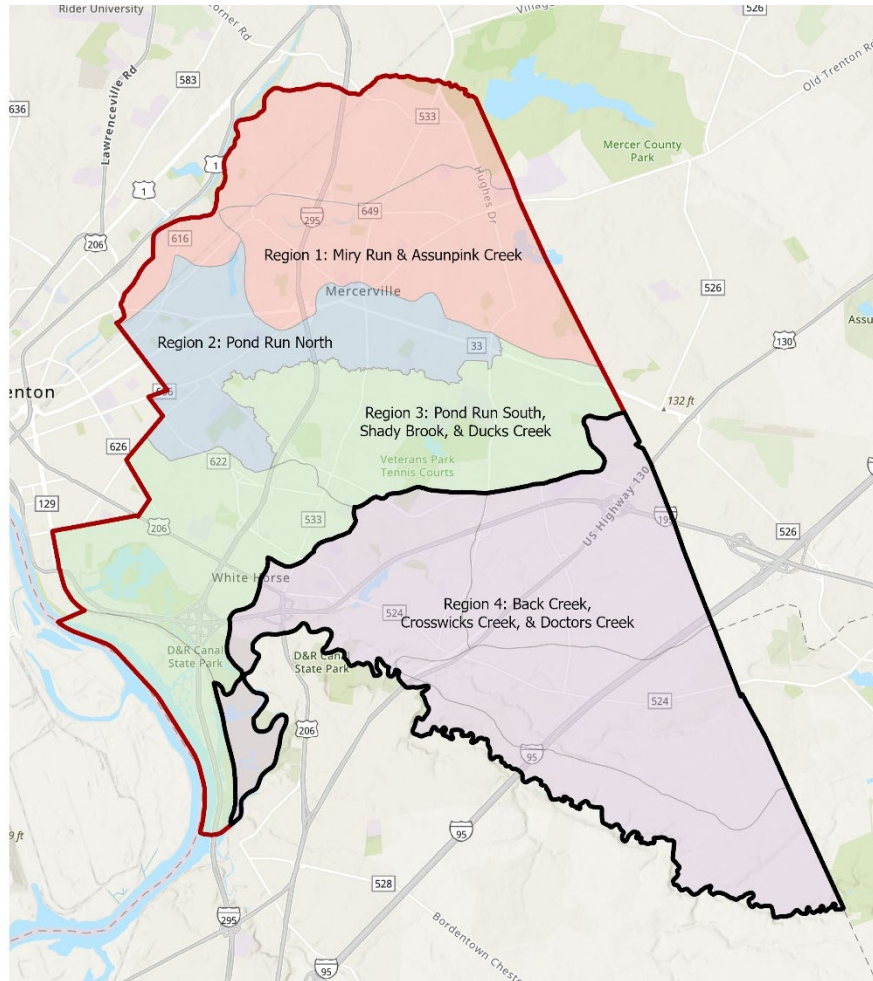




RUTGERS UNIVERSITY
Water Resources Program
New Jersey Agricultural Experiment Station



Hamilton Township (Mercer County)
Stormwater Outfall Assessment Summary
2025: Back Creek, Crosswicks Creek, & Doctors Creek
(Region 4)

Developed by the Rutgers Cooperative Extension Water Resources Program
Funded by Hamilton Township, Mercer County, New Jersey
August 27, 2025

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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**.

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 400 stormwater outfalls that drain directly into waterways. This is a summary of the outfall pipe inspection program conducted in 2025. 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 4 includes the Back Creek watershed, the Crosswicks Creek watershed, and the Doctors 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 between July and August of 2025 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 an 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 60 outfalls were located and assessed following 72 hours of no rainfall* in 2025. There were 27 outfalls that were not found or inaccessible that were identified in previous inspection efforts. Of these, 16 could not be located, five were inaccessible, and the remaining six could not be accessed or located due to heavy vegetation. There were fourteen outfalls from previous inspections that were reassessed as not being outfalls (culverts, basin inlets, other). There were nine (9) new outfall points added to the database, and there were four (4) points that were removed. One point that was removed was a duplicate of an existing outfall. The remaining three points that were removed were associated with pipes previously reported on the same headwall beneath a bridge, but these pipes could not be located during the 2025 inspections. A single remaining point in the database now represents these unlocated pipes.

This leads to an updated total outfall number of 425 outfalls in Hamilton Township, 87 of which are located in Region 4 (i.e., the Back Creek subwatershed, the Crosswicks Creek subwatershed, and the Doctors Creek subwatershed). An ownership field was added to the outfall database to distinguish between outfalls owned by Hamilton Township versus by other entities. There are 314 outfalls owned by Hamilton Township, 31 outfalls owned by Mercer County, 55 outfalls privately owned, and the remaining 25 outfalls have unclear or unknown ownership. For the time being, Hamilton Township is inspecting all outfalls to ensure compliance.

*Rainfall data from NJDEP's Rainfall Data Acquisition page for stations RA099, RA101, RA103, and RA107; zero rainfall was considered to have occurred if the average rainfall from these stations was 0.01 inches or less

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. Upon a secondary inspection in 2025 for outfalls suspected of illicit discharge, one outfall was reevaluated to be a culvert. The new Outfall ID assigned to this outfall (DC001) will be retired from the database. It will not be removed or reassigned to avoid disrupting the numbering scheme of the remaining outfalls.

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 60 outfalls assessed. Out of the 60, a total of five (5) of the assessed outfalls were designated as high priority (4 or 5), 17 were designated as medium priority (3), and 38 were designated as low to no priority (2 or 1). For scouring, five (5) have high, six (6) have medium, nine (9) have low, and 40 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. There are 23 outfalls in need of maintenance either by clearing out sediment or patching cracking portions. For repair, there were three (3) outfalls with major cracking or corrosion in need of significant repair, four (4) with moderate cracking or corrosion, and four (4) outfalls with minor cracking or corrosion in need of small repairs.

A total of 27 outfalls were suspected of illicit discharges during the initial investigation. A total of 12 out of 27 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 2025 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/c1vplev2>). 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

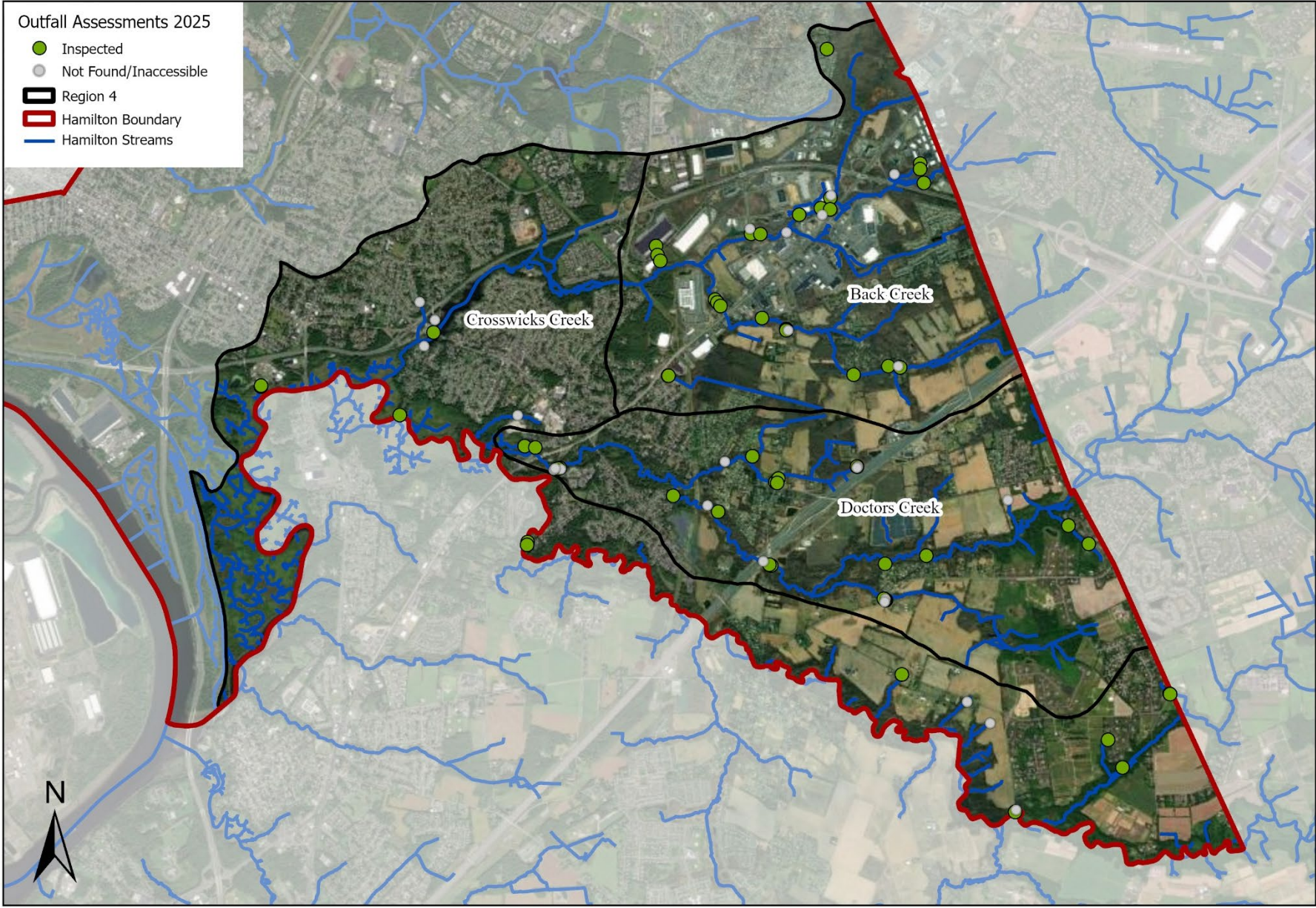
Based on the assessment and summary findings, recommendations are as follows:

1. The five (5) 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 4 to address the deficiencies noted in this assessment in a timely manner starting with those with highest priority.
3. In the fifth year (2026), effort should be made to inspect outfalls which were not found during the initial round of inspections from 2022 to 2025.
4. Each year, subsequent regions should be inspected; Region 1 in 2027, Region 2 in 2028, Region 3 in 2029, and Region 4 in 2030.

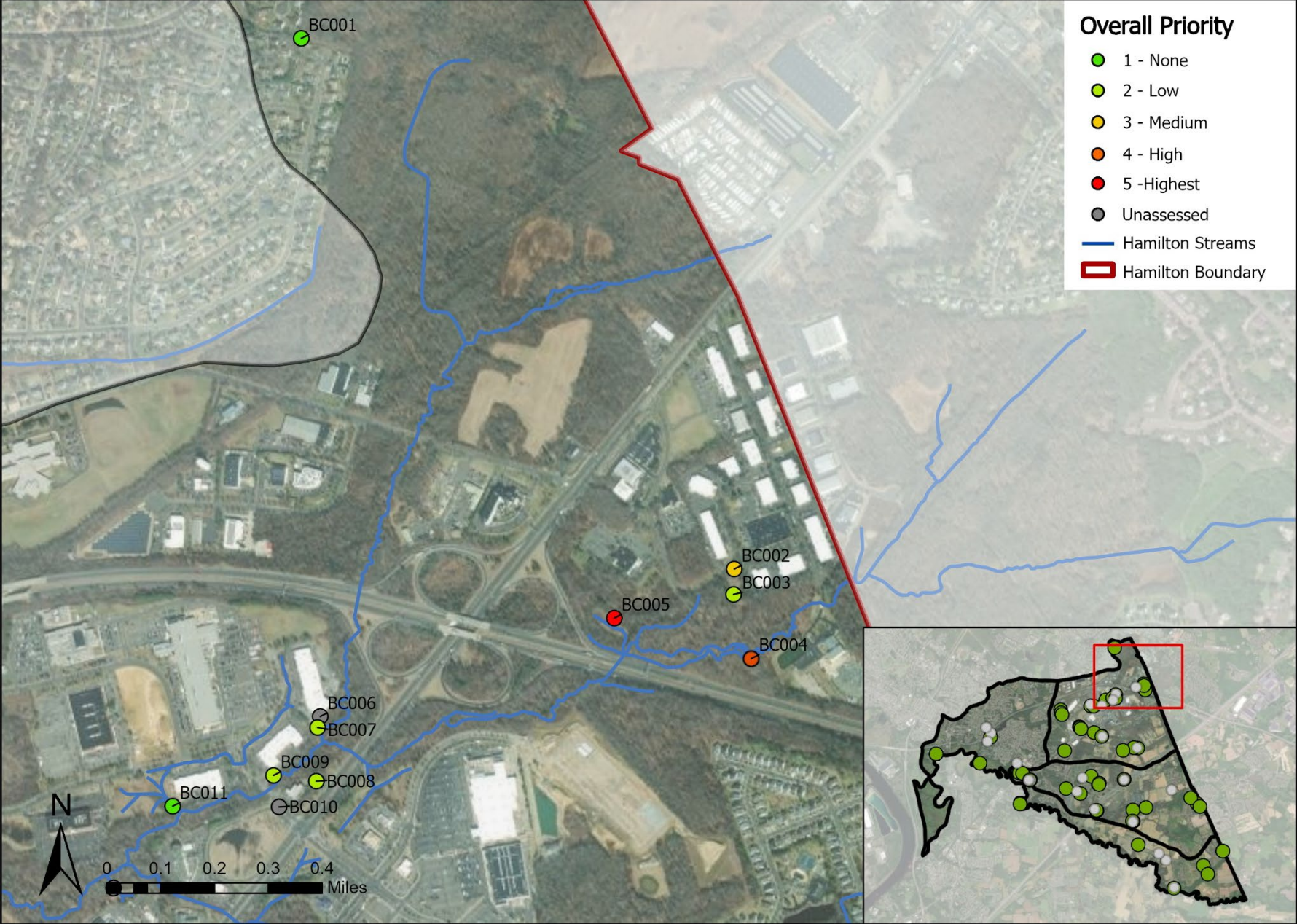
This assessment was not intended to be a complete and comprehensive inventory of all stormwater outfalls in the MS4 system. Efforts for this project focused solely on mapping and inventorying known outfall pipes discharging directly to mapped streams. Other outfalls in the municipal separate storm sewer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

Attachment 1: Outfall Assessment Maps

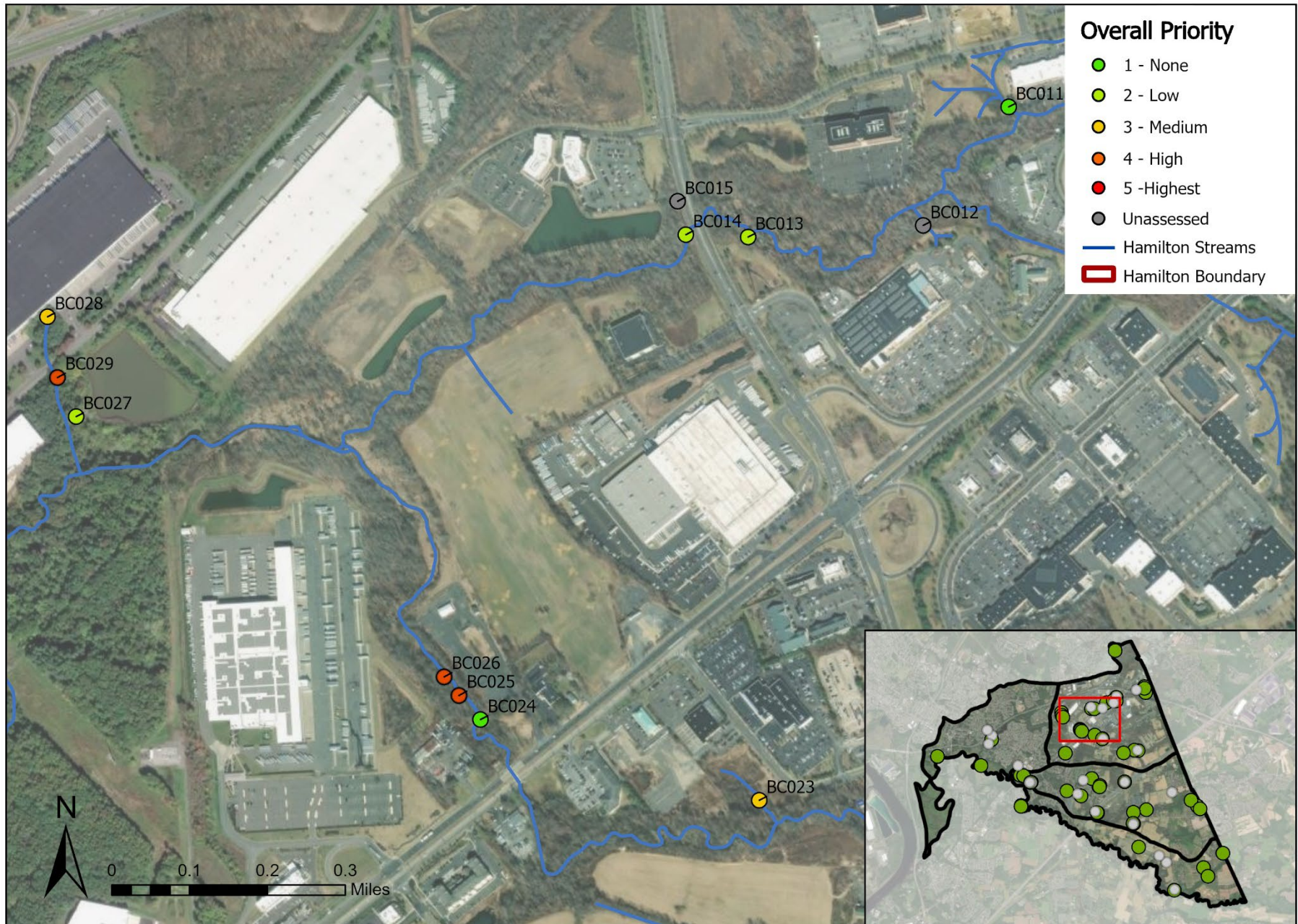
2025 Hamilton Township Outfall Inspection Overview: Region 4



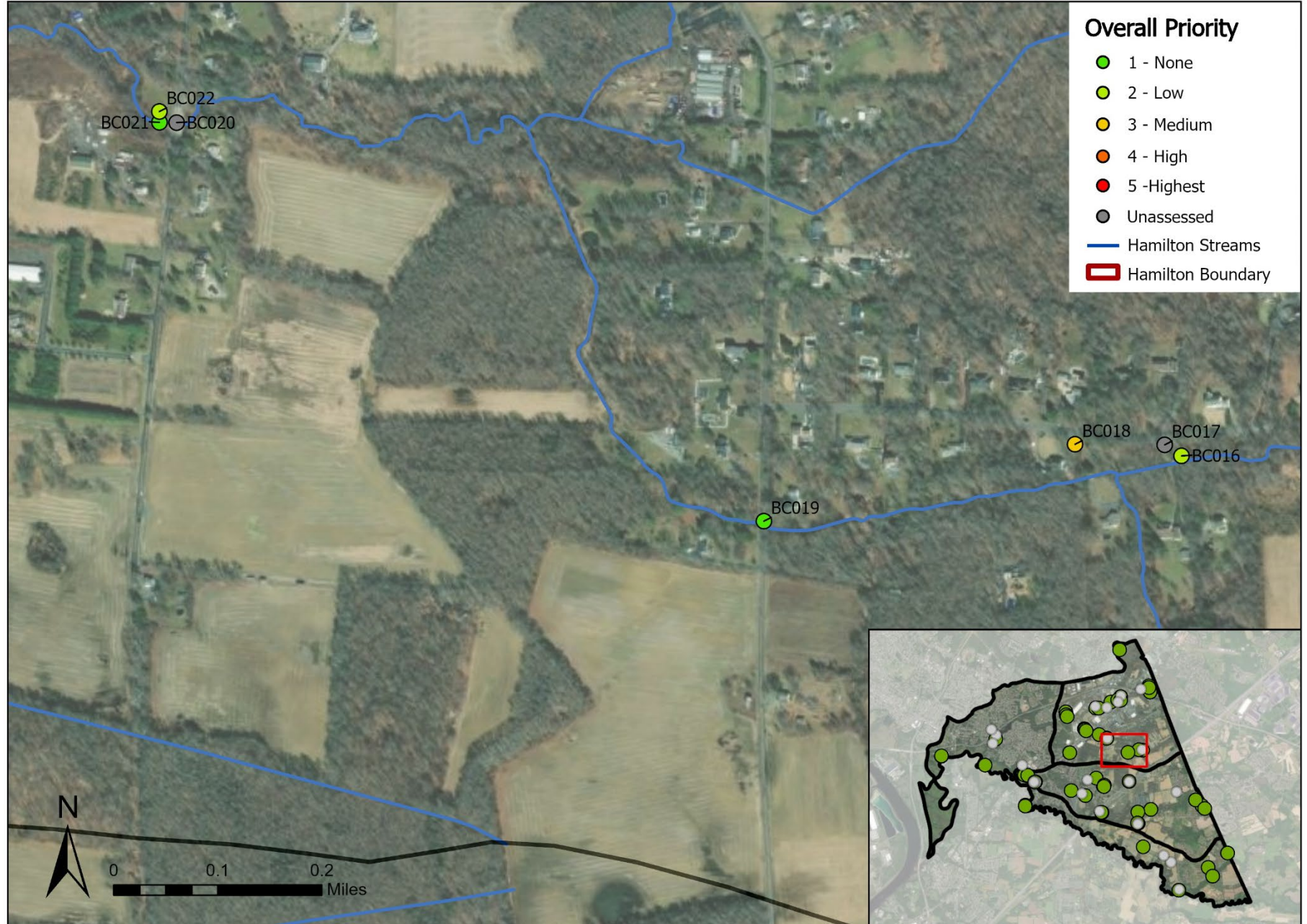
Hamilton Outfall Region 4: Overall Priority (Back Creek)



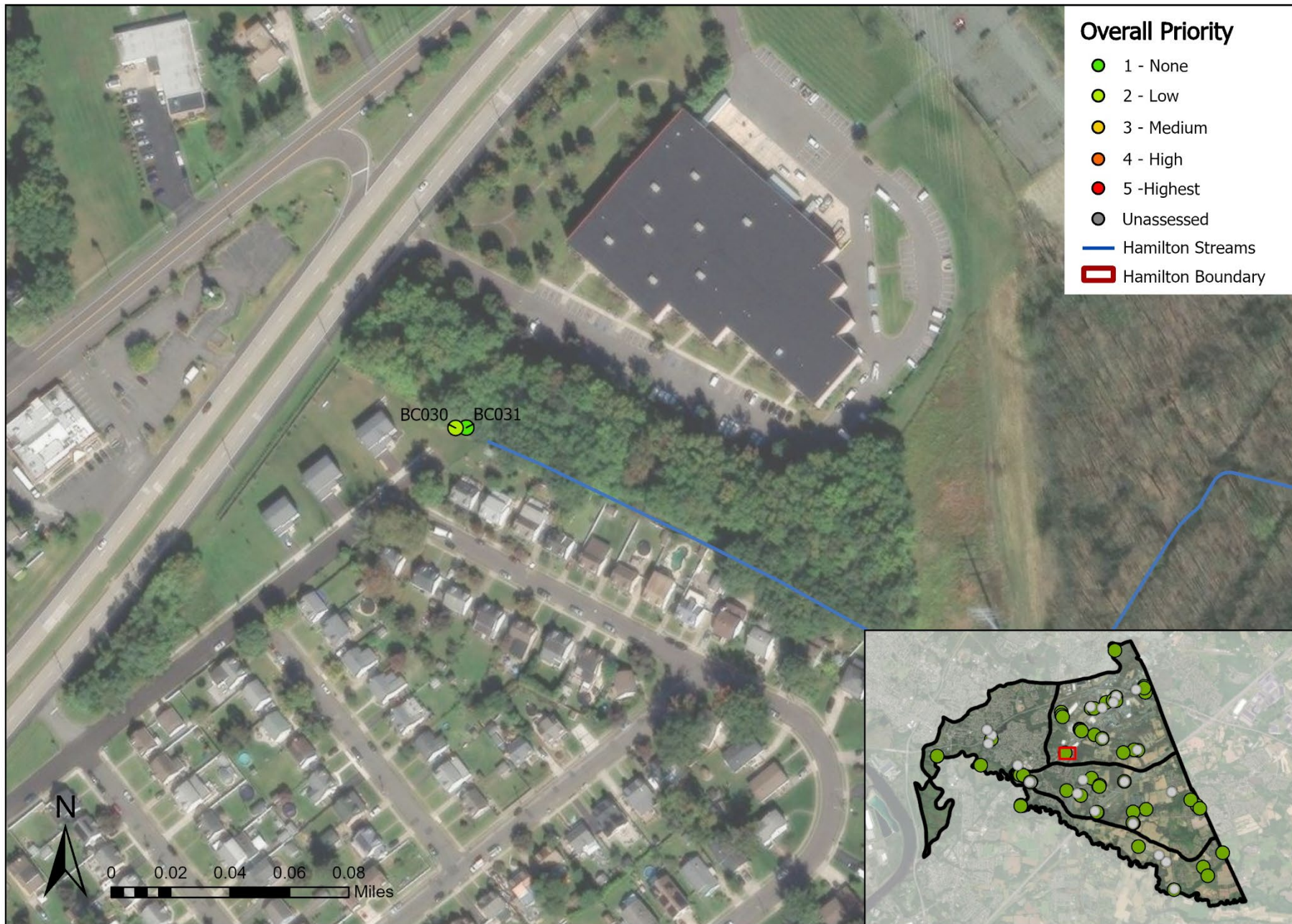
Hamilton Outfall Region 4: Overall Priority (Back Creek)



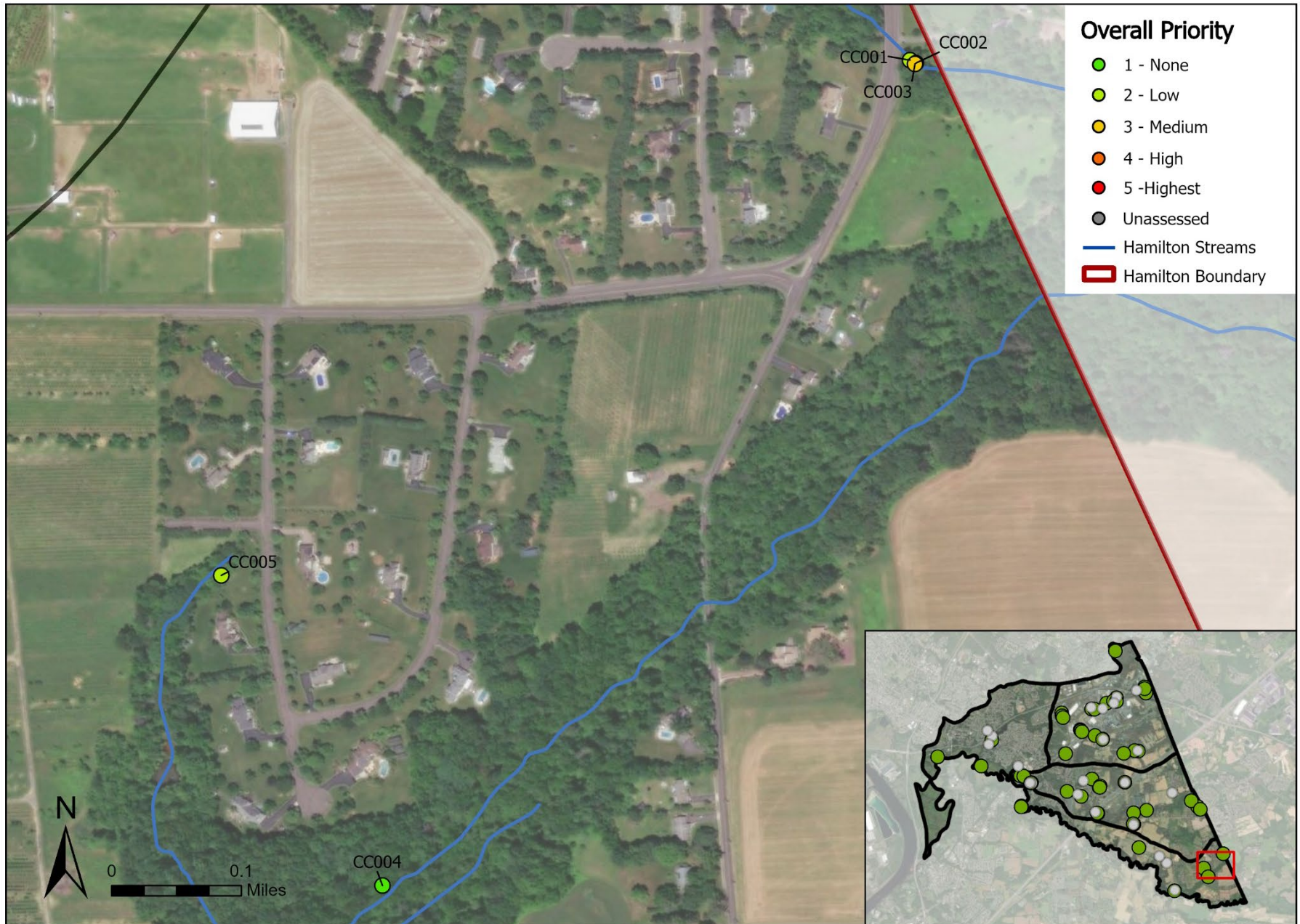
Hamilton Outfall Region 4: Overall Priority (Back Creek)



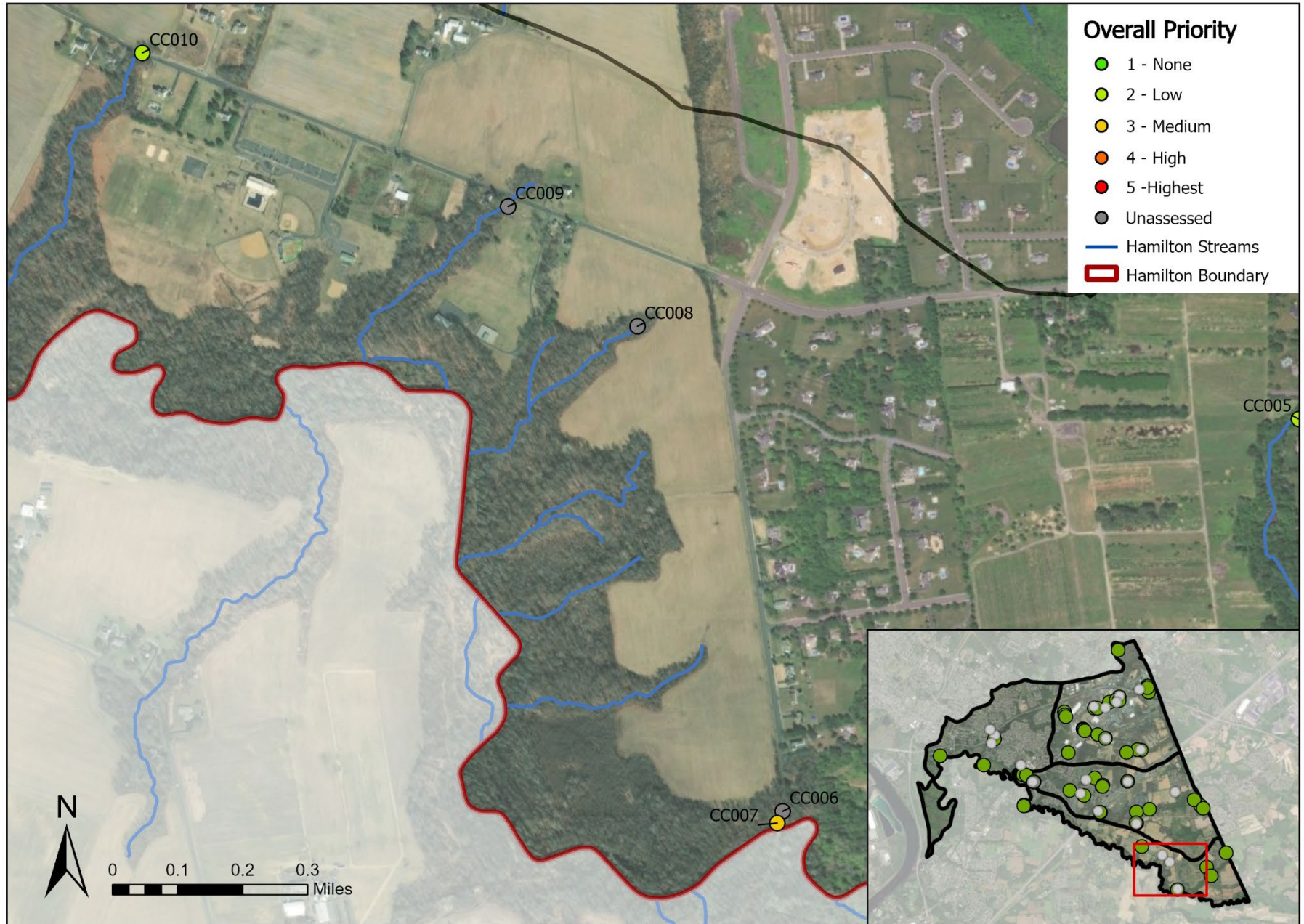
Hamilton Outfall Region 4: Overall Priority (Back Creek)



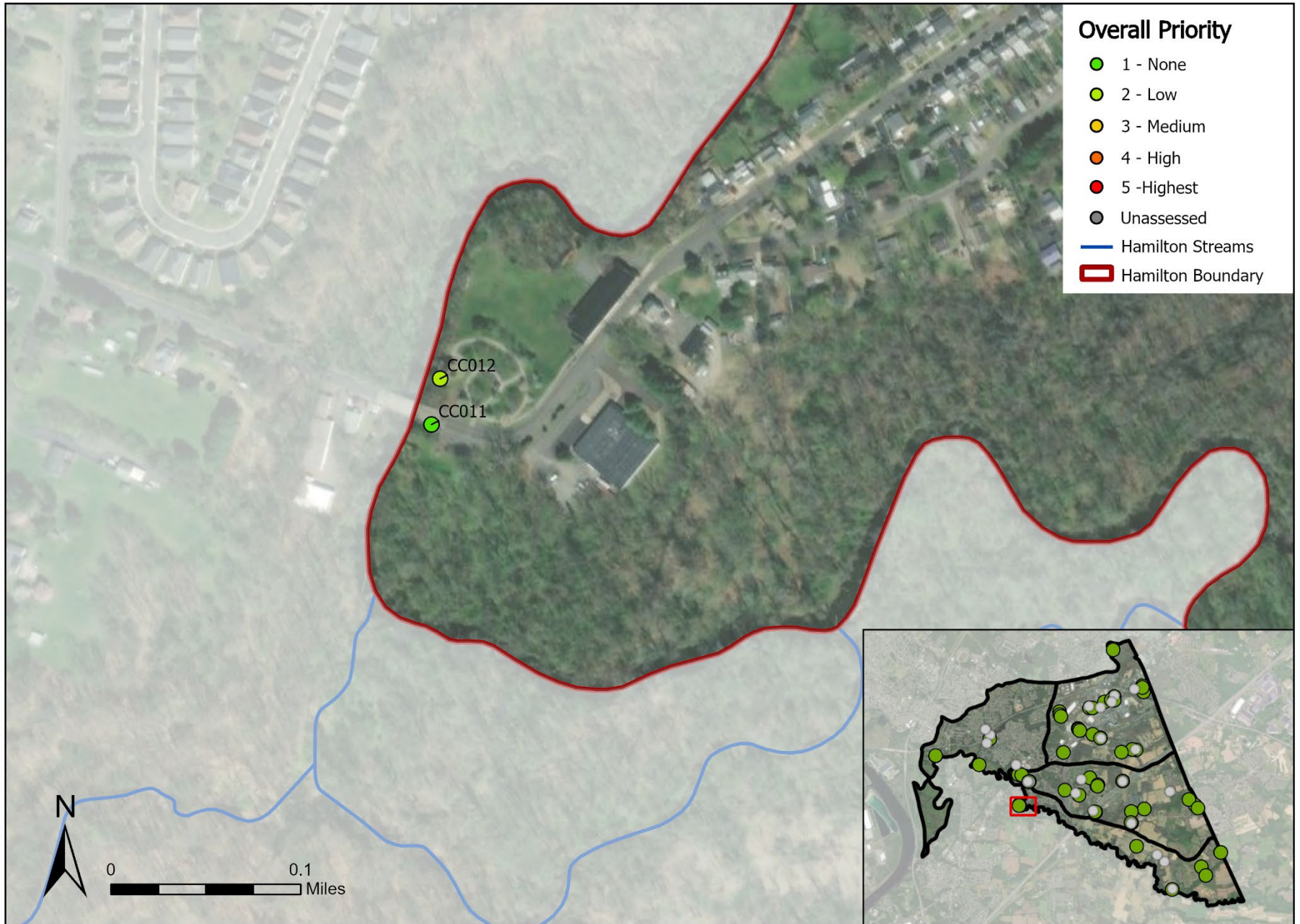
Hamilton Outfall Region 4: Overall Priority (Crosswicks Creek)



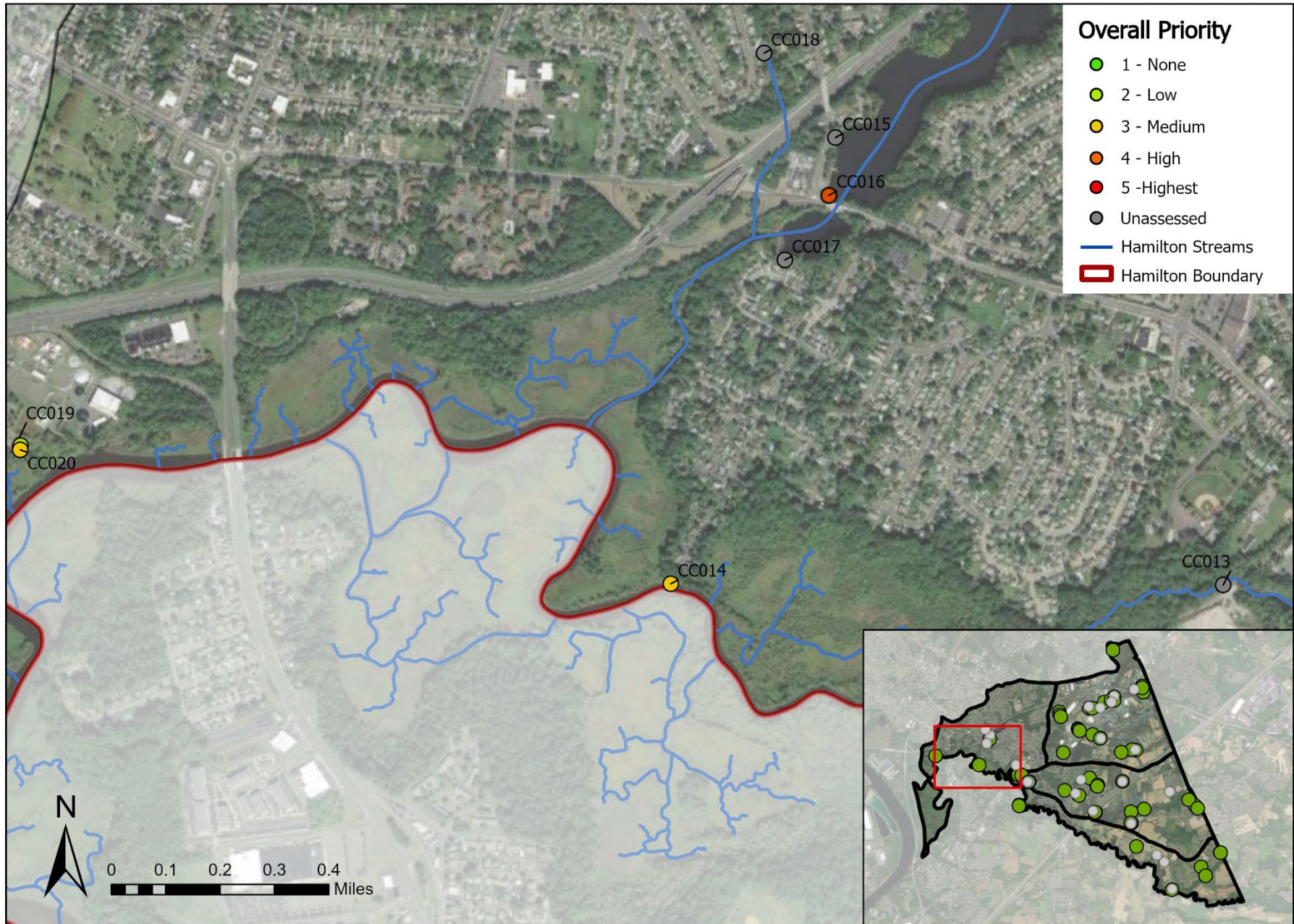
Hamilton Outfall Region 4: Overall Priority (Crosswicks Creek)



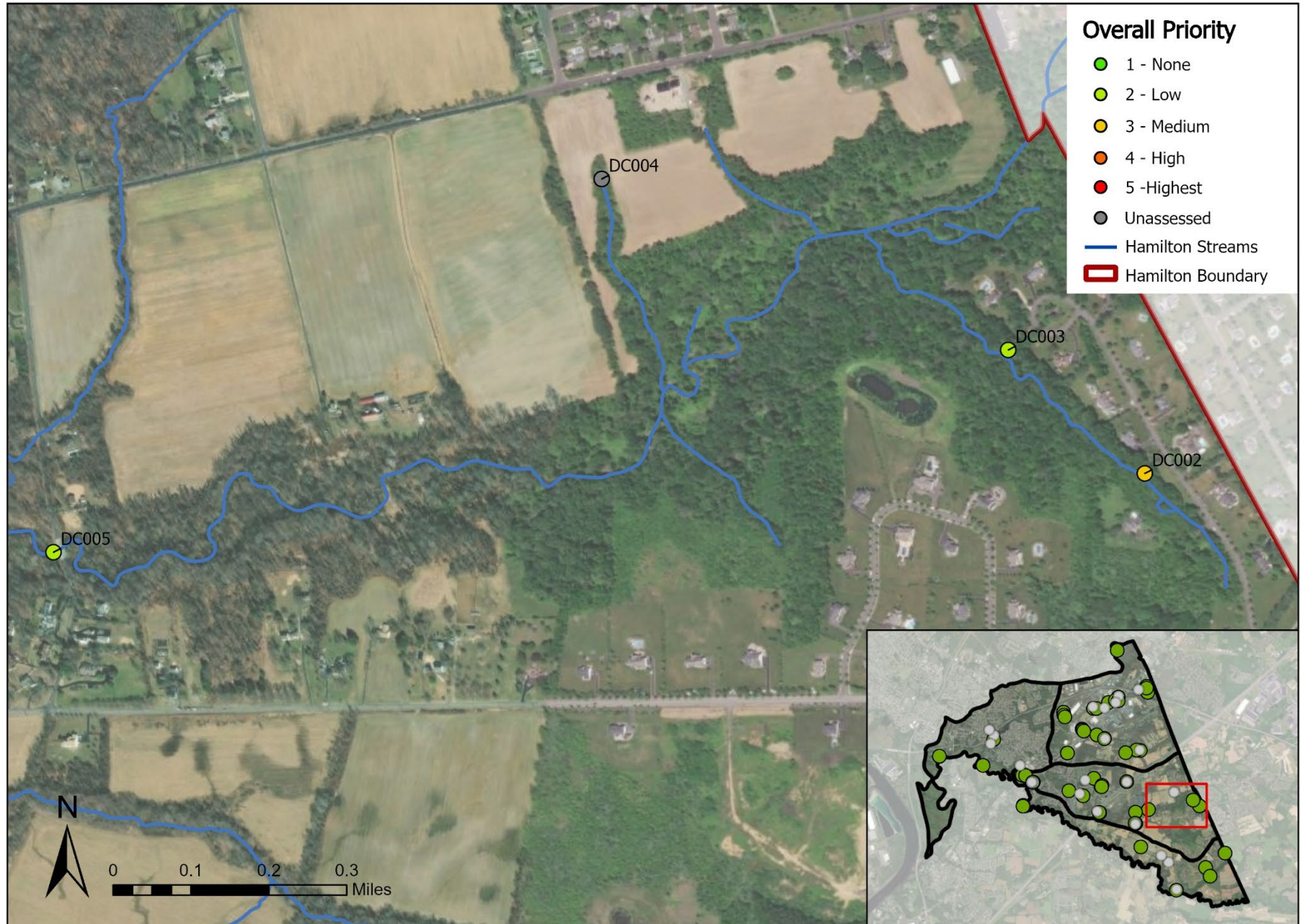
Hamilton Outfall Region 4: Overall Priority (Crosswicks Creek)



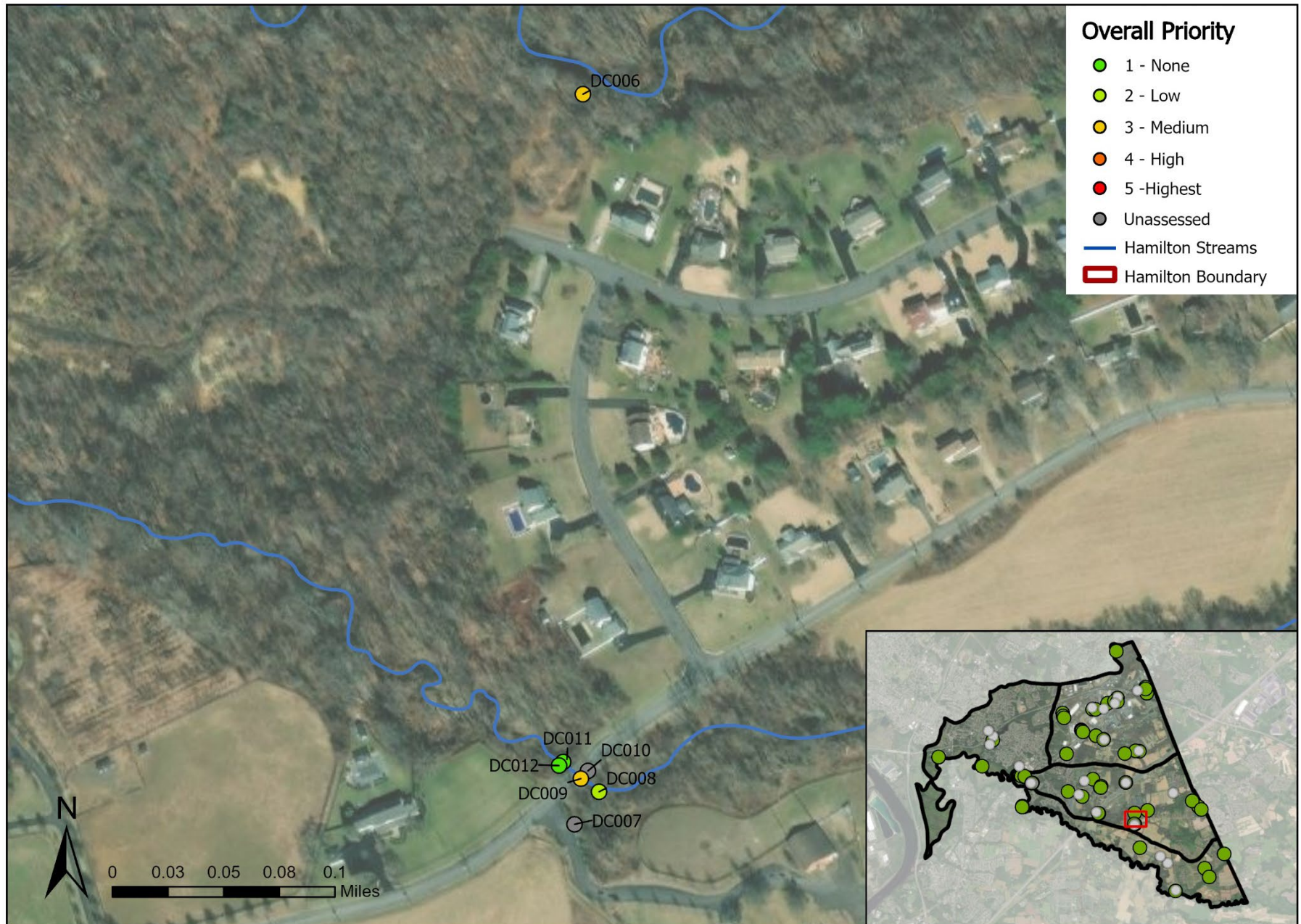
Hamilton Outfall Region 4: Overall Priority (Crosswicks Creek)



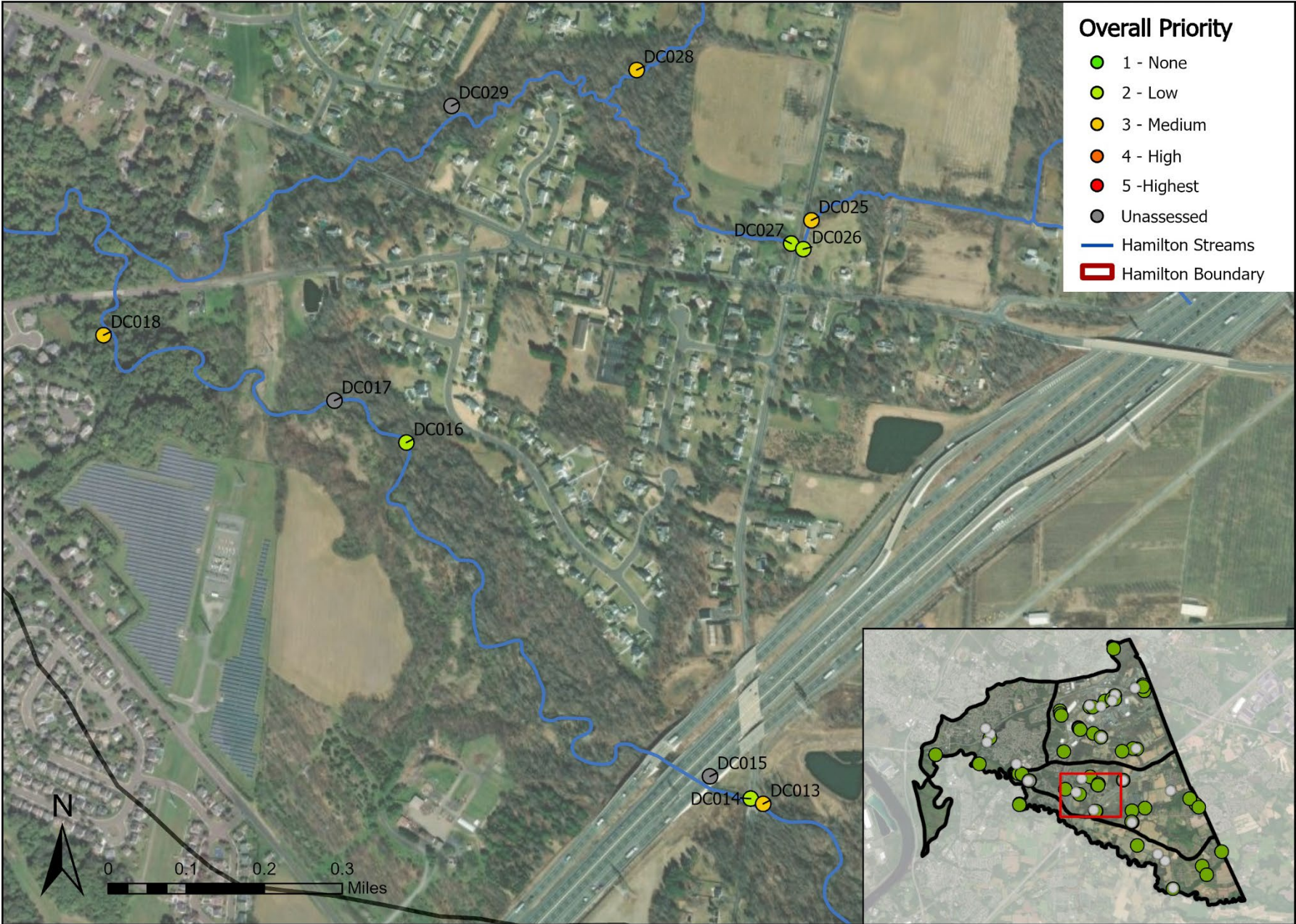
Hamilton Outfall Region 4: Overall Priority (Doctors Creek)



Hamilton Outfall Region 4: Overall Priority (Doctors Creek)



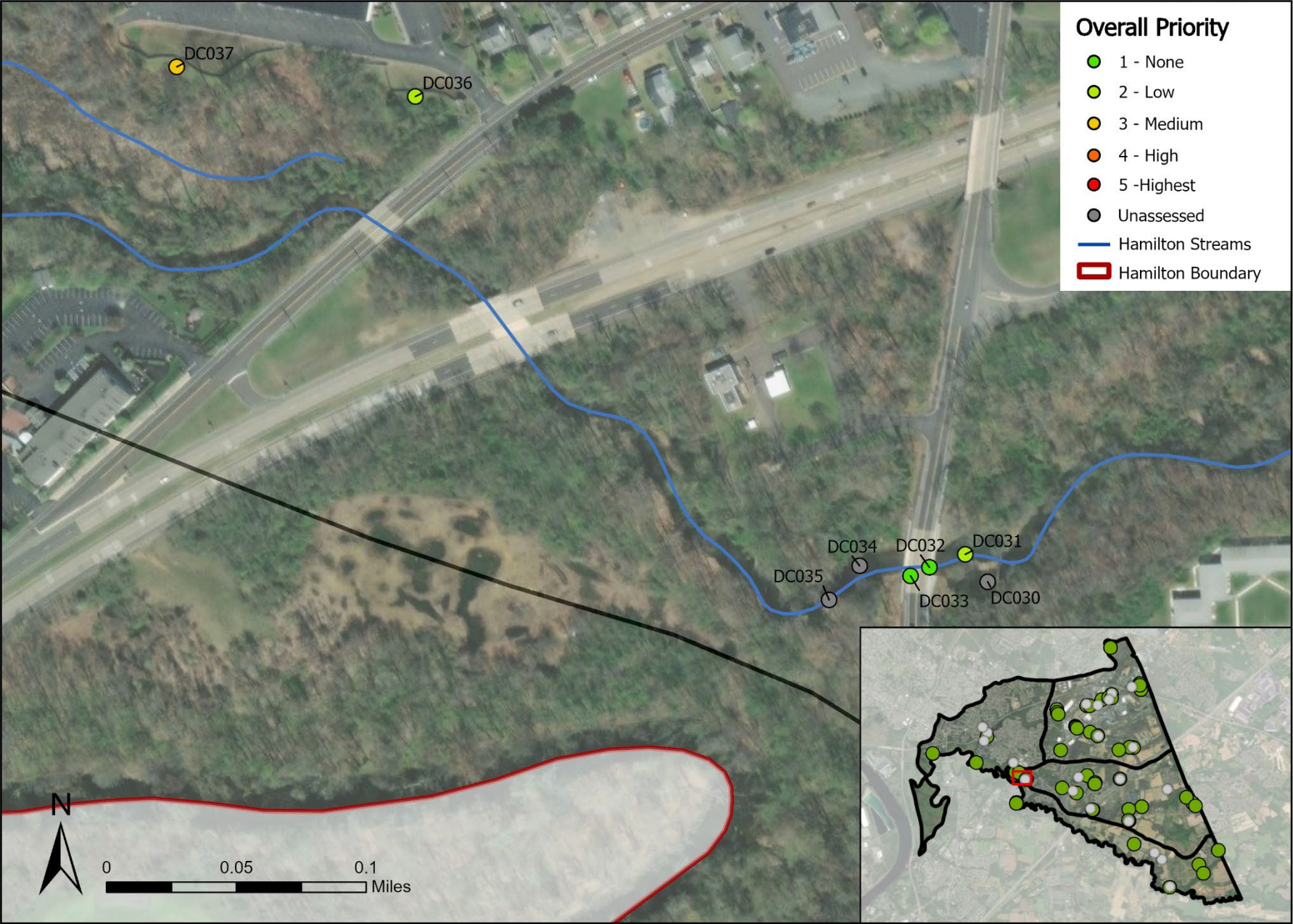
Hamilton Outfall Region 4: Overall Priority (Doctors Creek)



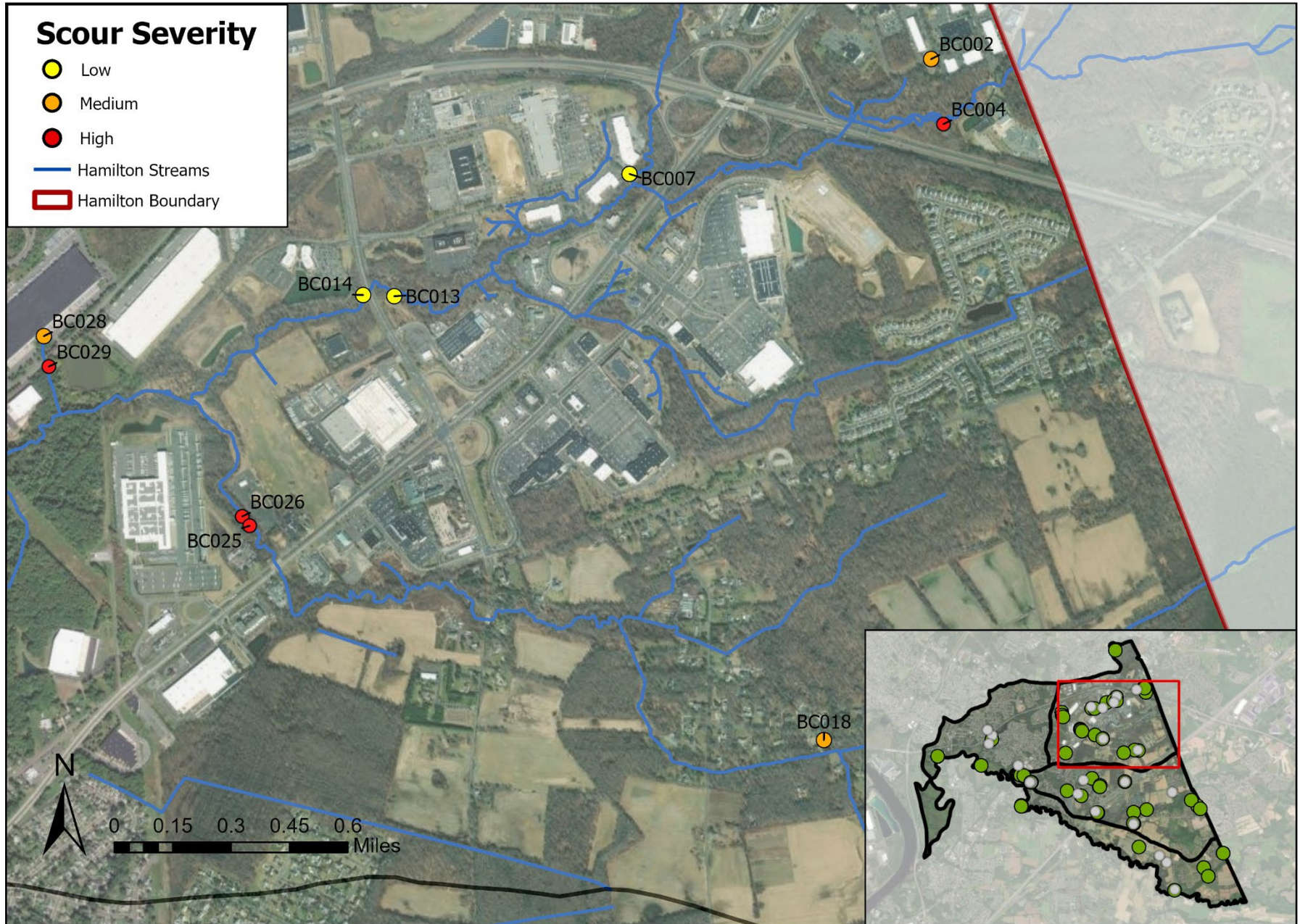
Hamilton Outfall Region 4: Overall Priority (Doctors Creek)



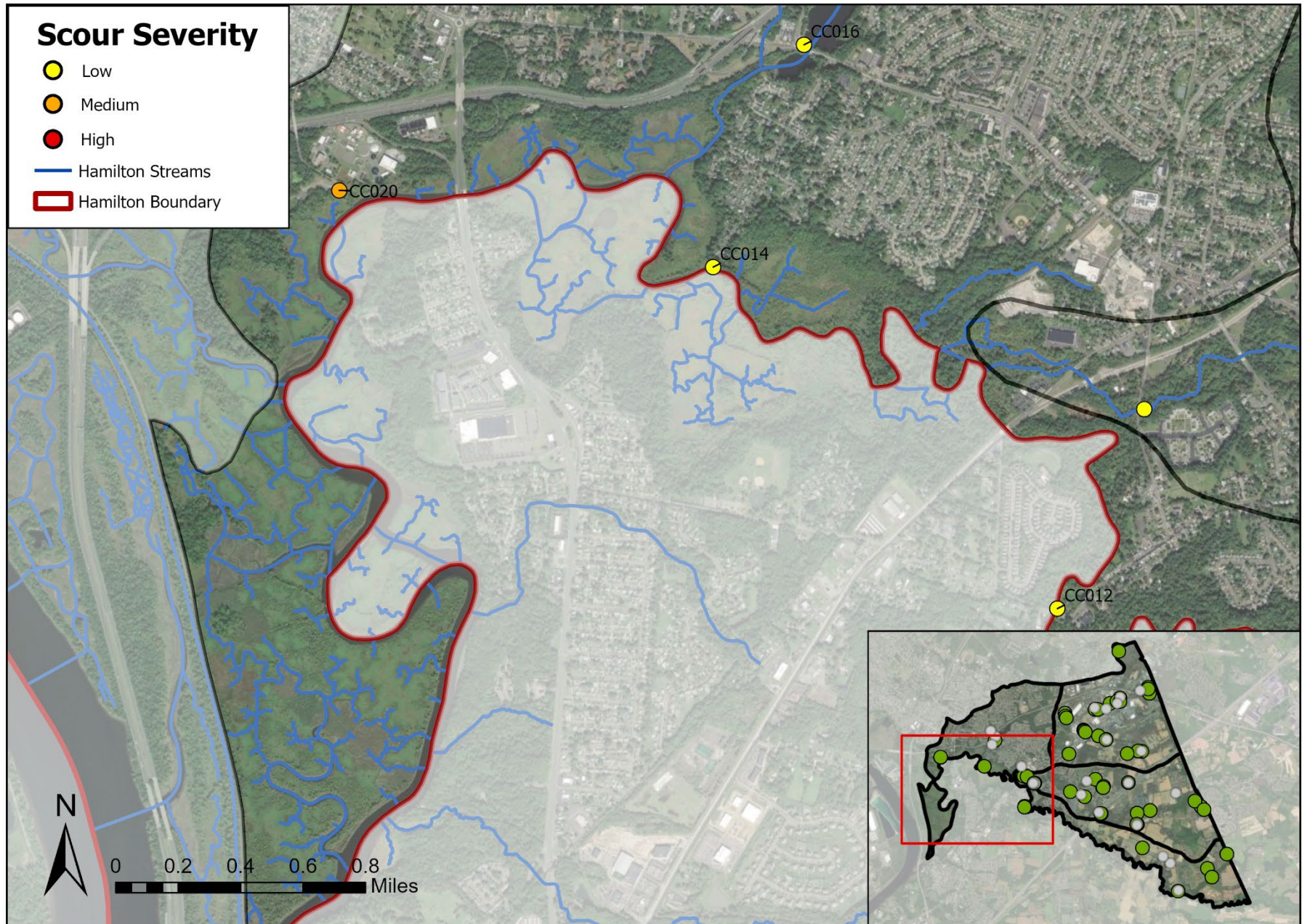
Hamilton Outfall Region 4: Overall Priority (Doctors Creek)



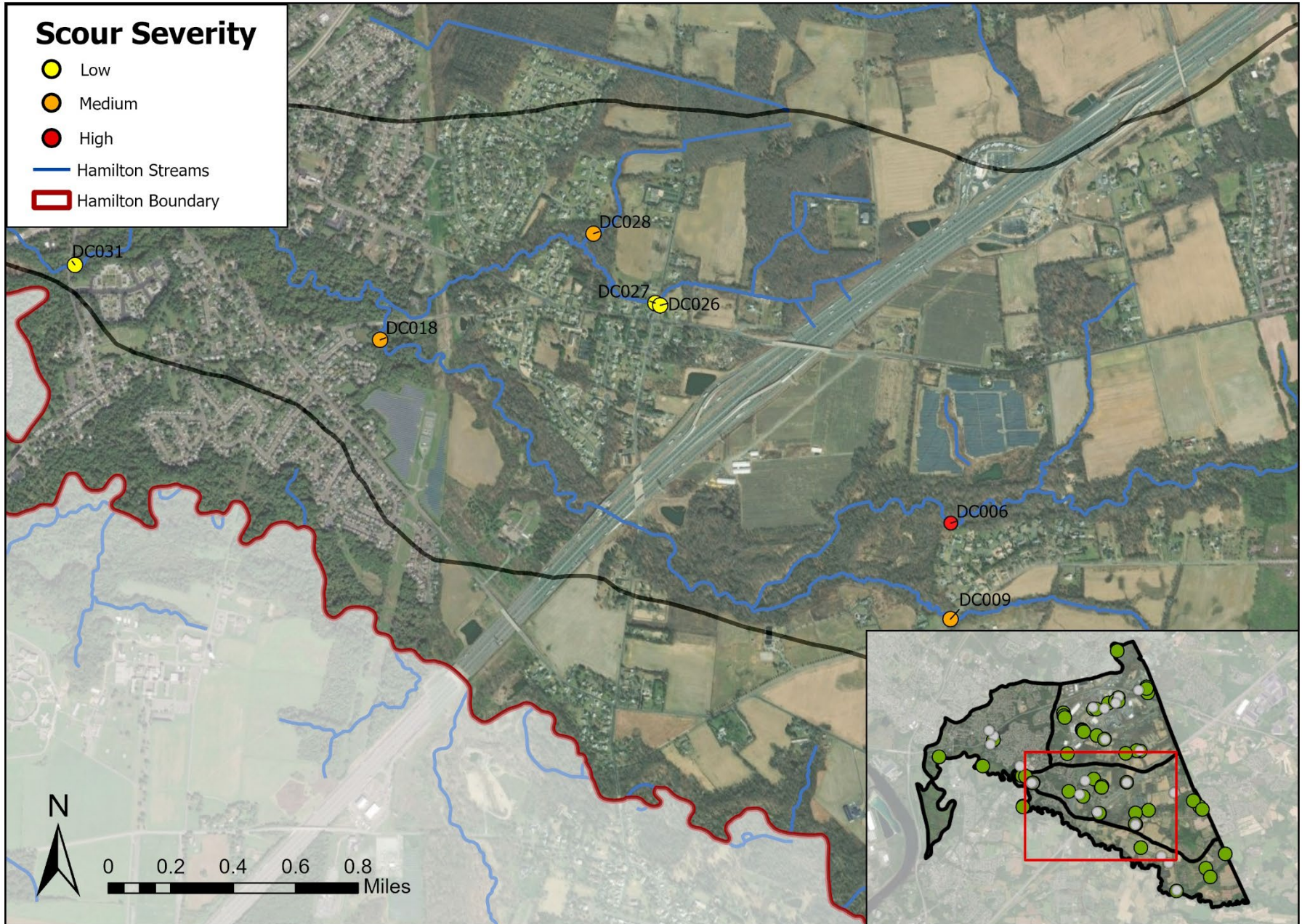
Hamilton Outfall Region 4: Erosion (Back Creek)



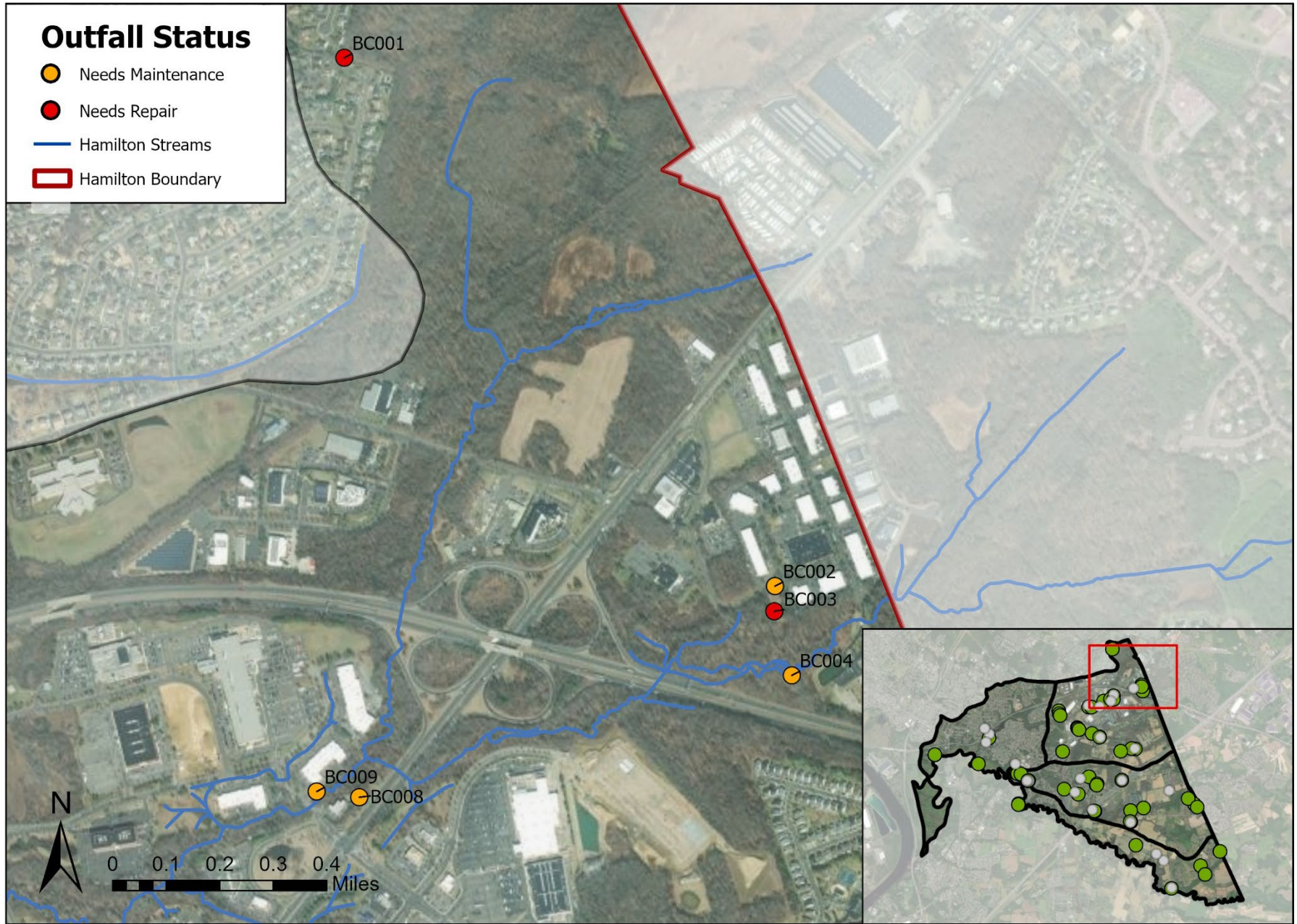
Hamilton Outfall Region 4: Erosion (Crosswicks Creek)



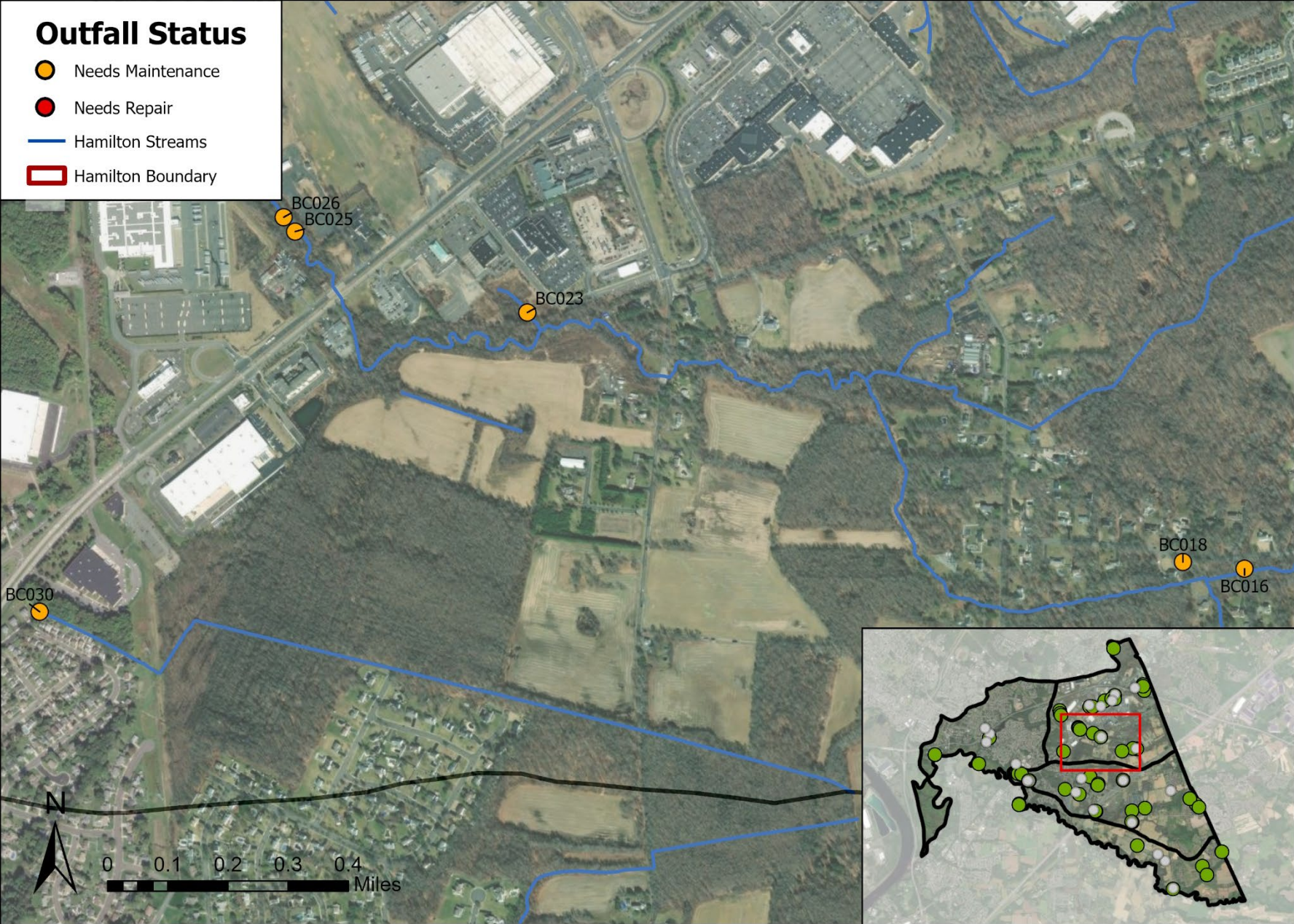
Hamilton Outfall Region 4: Erosion (Doctors Creek)



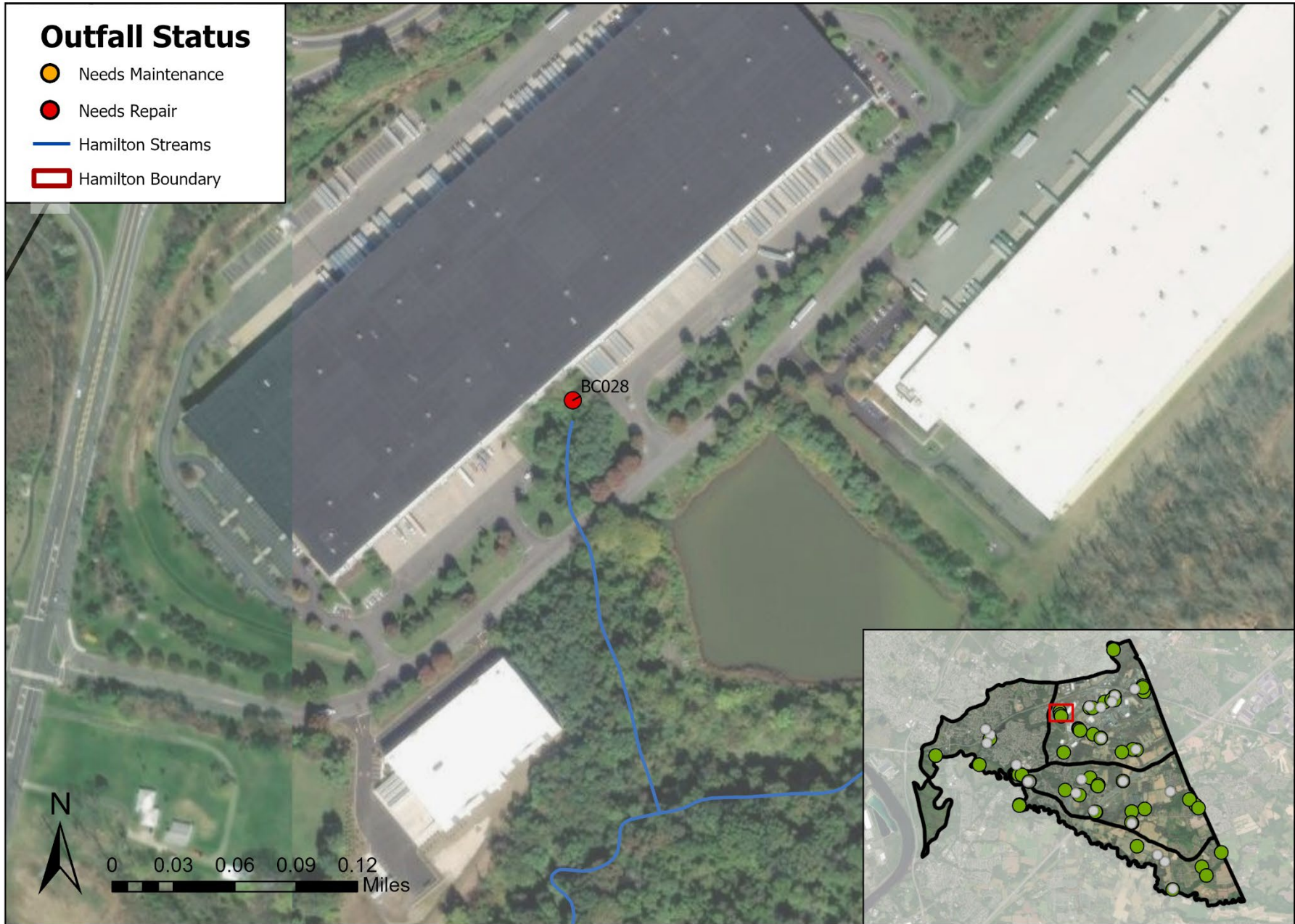
Hamilton Outfall Region 4: Outfall Maintenance & Repair (Back Creek)



Hamilton Outfall Region 4: Outfall Maintenance & Repair (Back Creek)



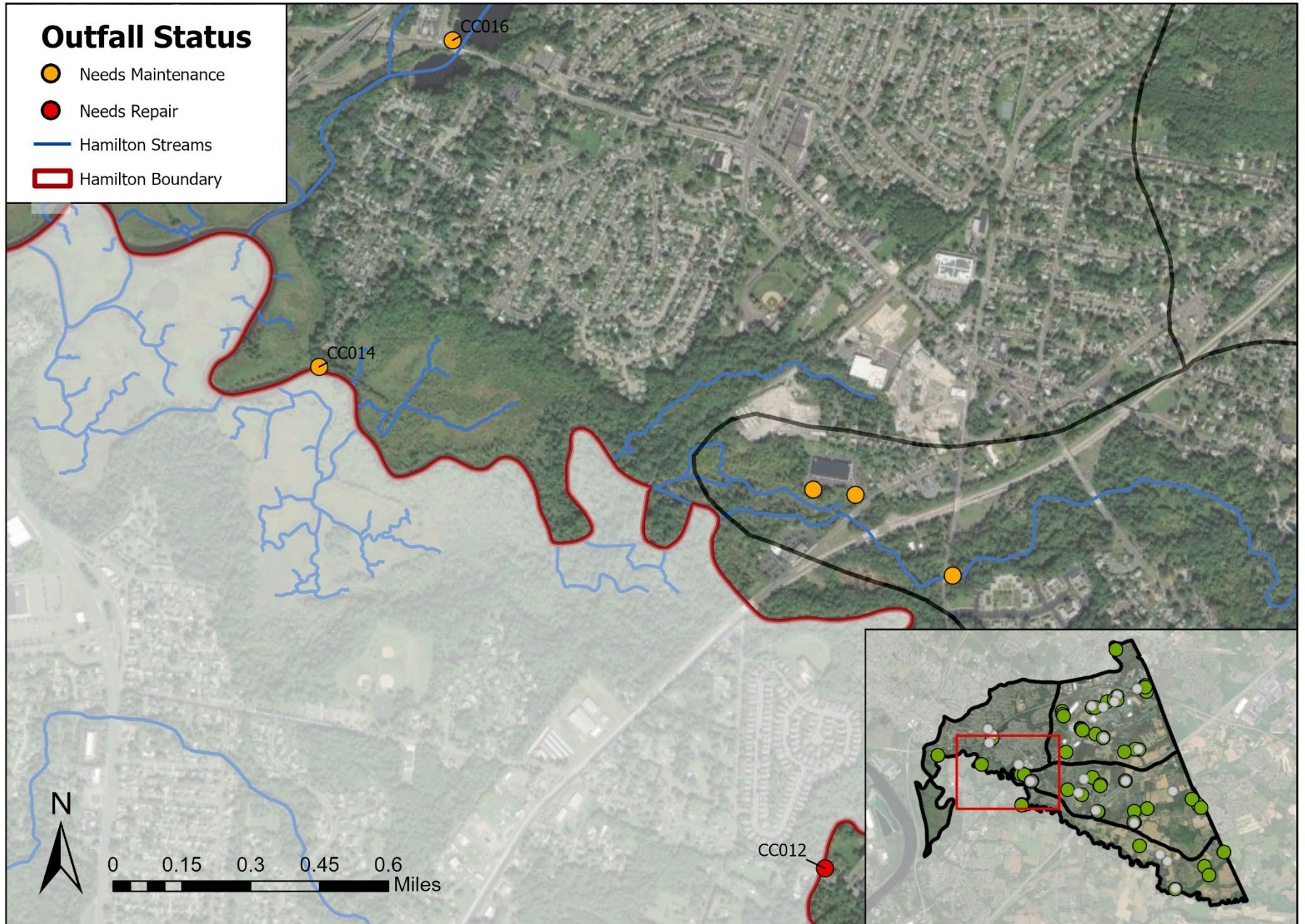
Hamilton Outfall Region 4: Outfall Maintenance & Repair (Back Creek)



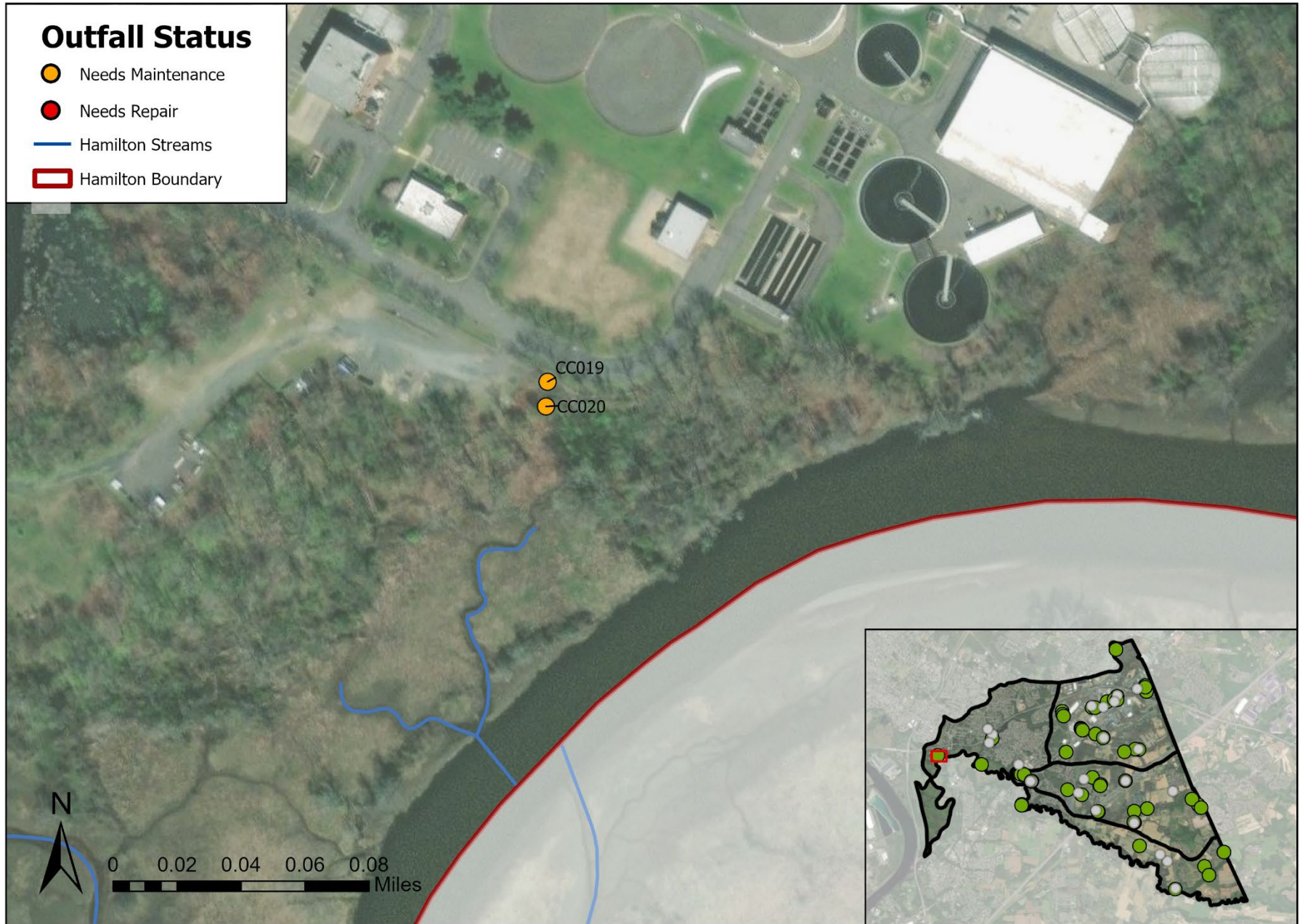
Hamilton Outfall Region 4: Outfall Maintenance & Repair (Crosswicks Creek)



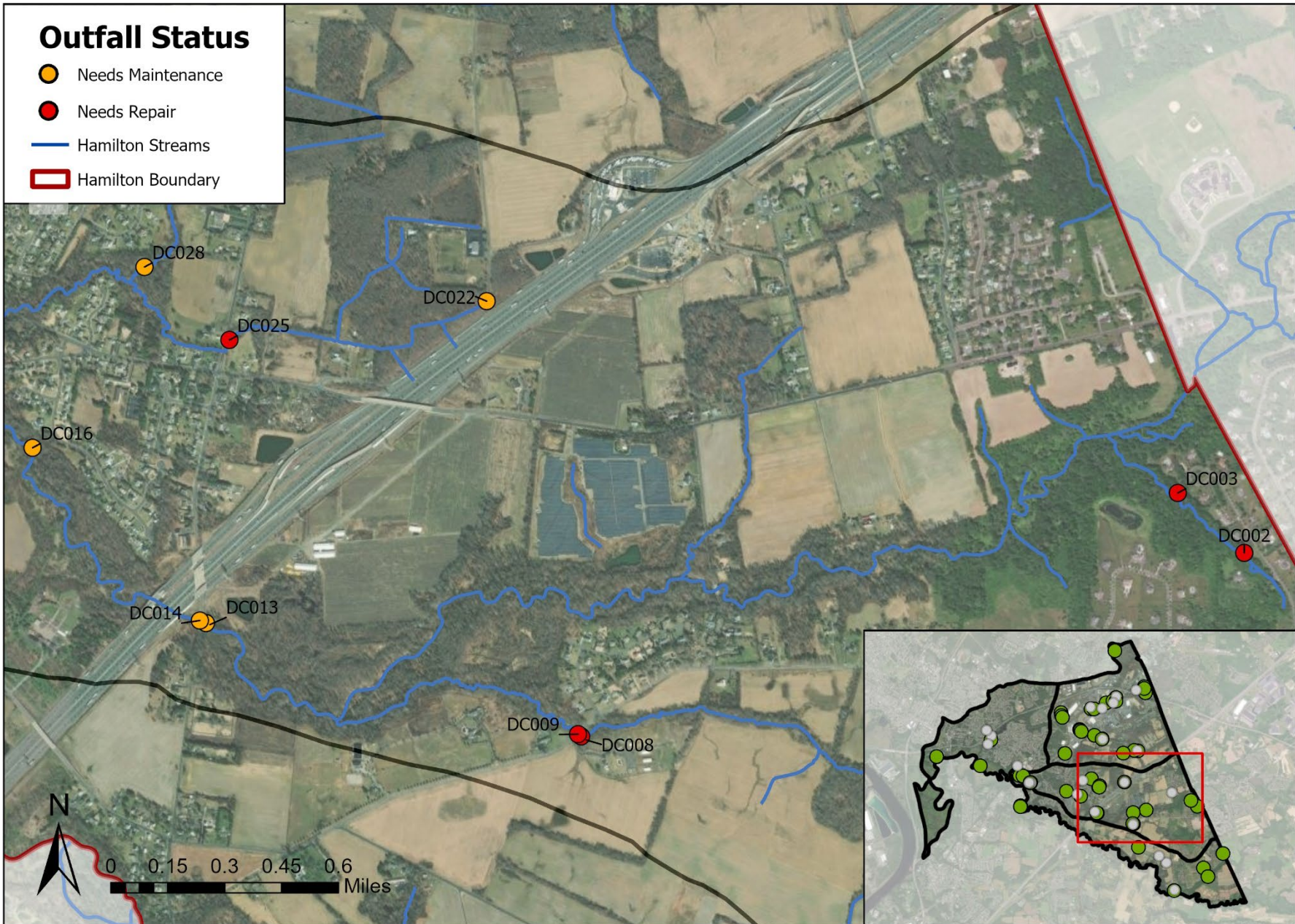
Hamilton Outfall Region 4: Outfall Maintenance & Repair (Crosswicks Creek)



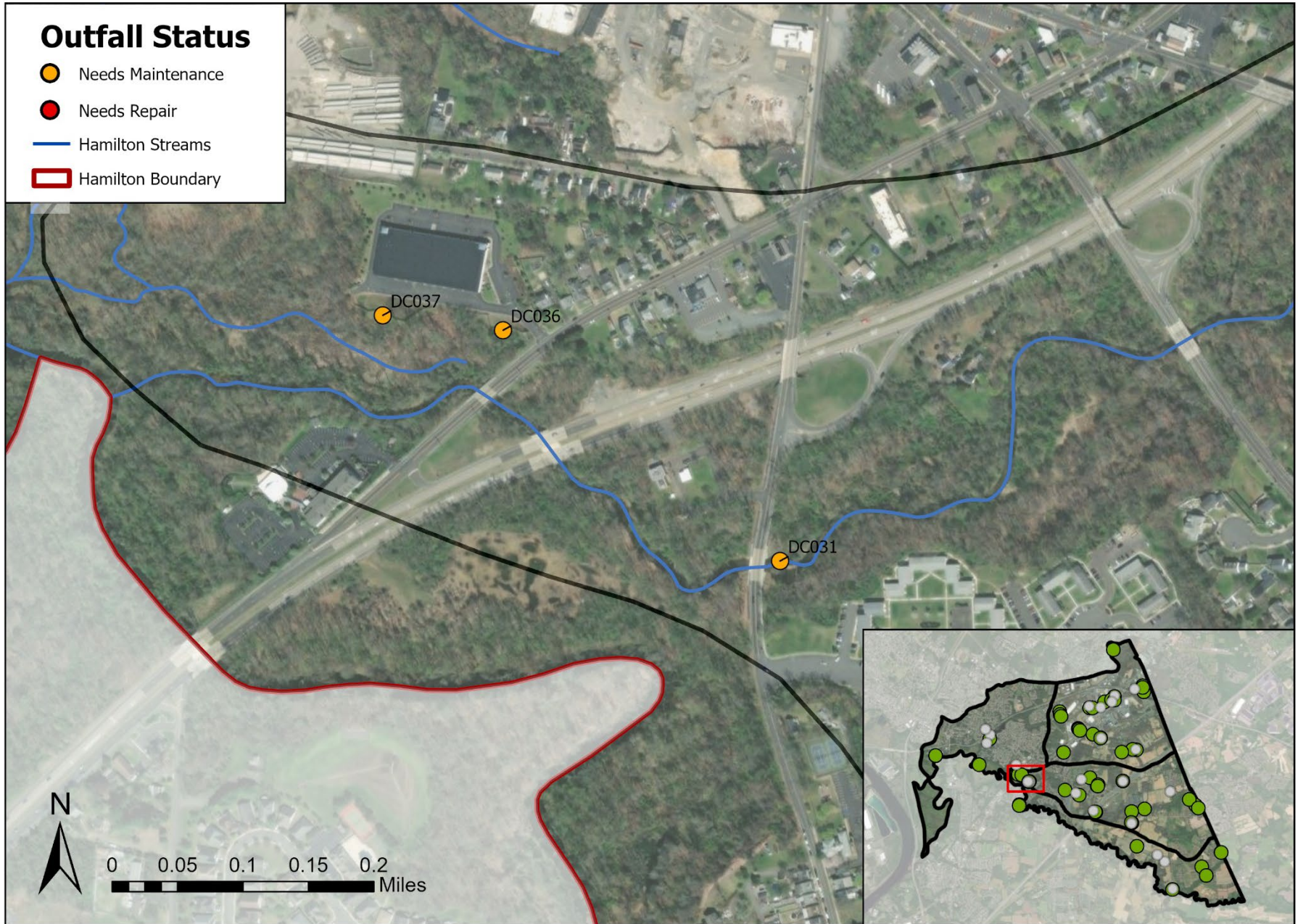
Hamilton Outfall Region 4: Outfall Maintenance & Repair (Crosswicks Creek)



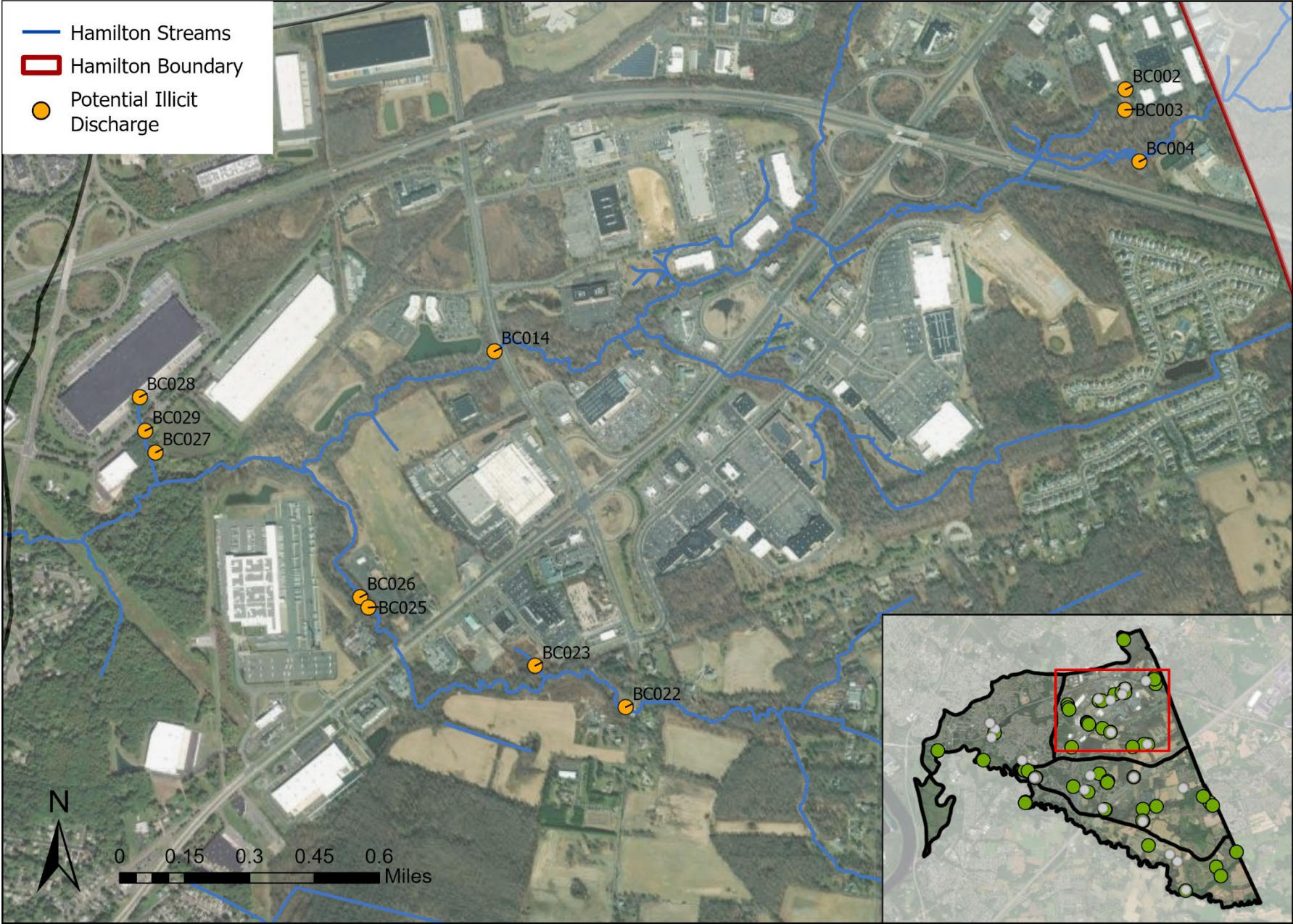
Hamilton Outfall Region 4: Outfall Maintenance & Repair (Doctors Creek)



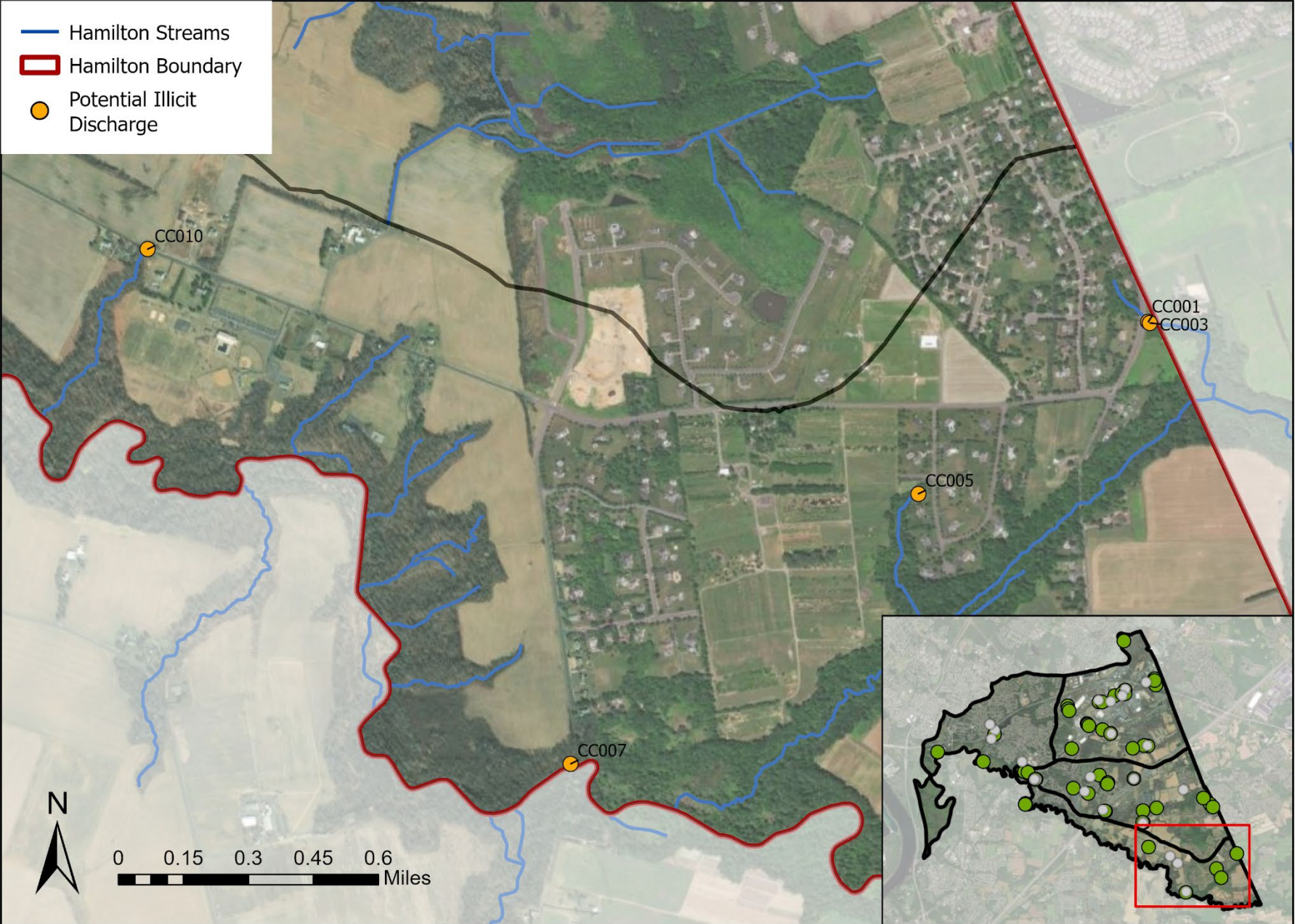
Hamilton Outfall Region 4: Outfall Maintenance & Repair (Doctors Creek)



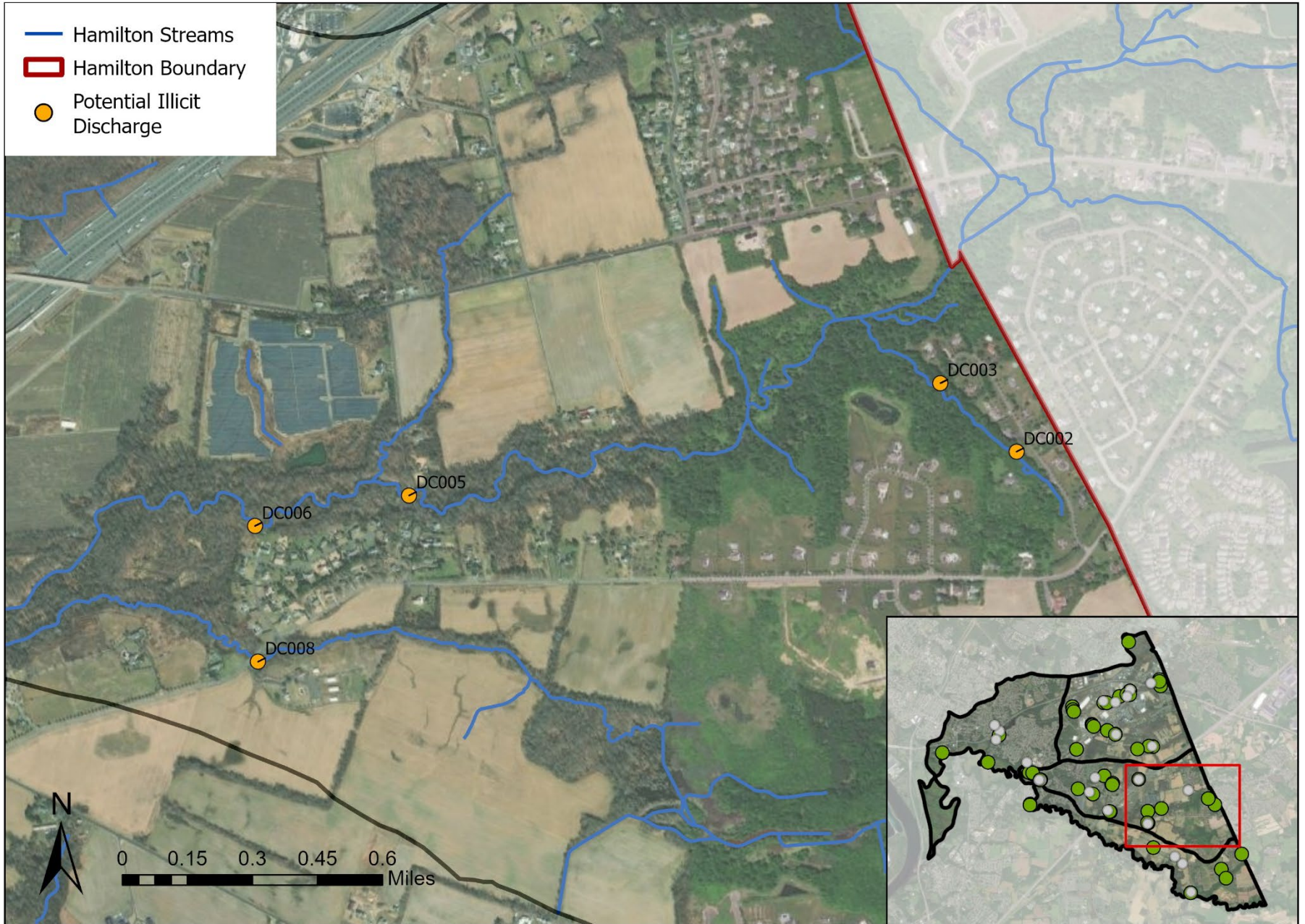
Hamilton Outfall Region 4: Potential Illicit Discharges in Back Creek



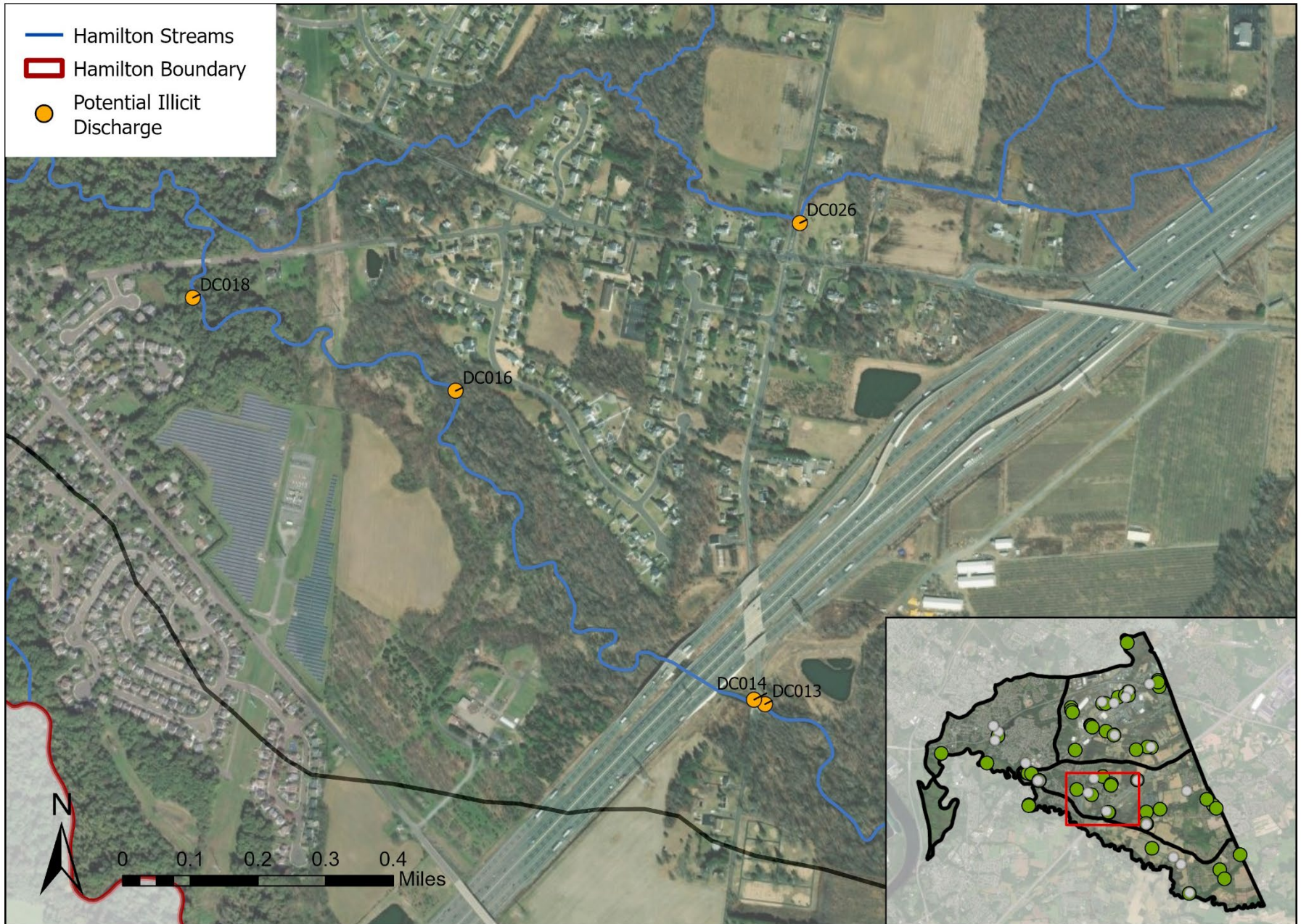
Hamilton Outfall Region 4: Potential Illicit Discharges in Crosswicks Creek



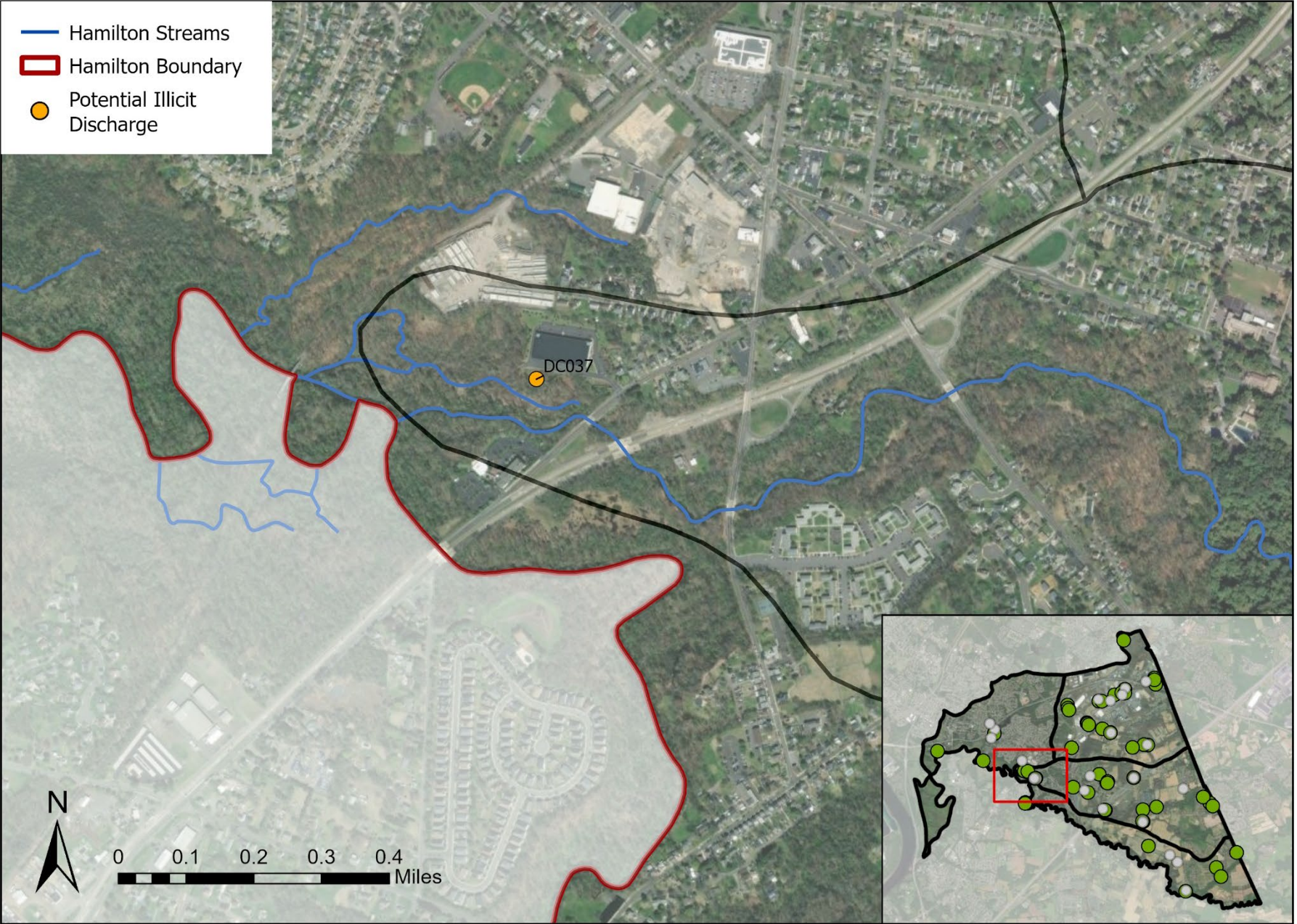
Hamilton Outfall Region 4: Potential Illicit Discharges in Doctors Creek



Hamilton Outfall Region 4: Potential Illicit Discharges in Doctors Creek



Hamilton Outfall Region 4: Potential Illicit Discharges in Doctors Creek



Attachment 2: Outfall Assessment Tables

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

All Outfall Data (Back Creek)

Outfall ID	OLD ID	Subwatershed	Is the discharge coming directly from a pipe?	Pipe Diameter [in] (if applicable)	Pipe Material	Reinspected	Date of Inspection	Is the pipe fully or partially submerged?	Are there known non-stormwater discharges?	Outfall Condition	Bank Stability	Outfall Damage	Year Asses Previous
BC001	A0501	Back Creek (above Yardville-H Sq Road)	Y	24	Concrete	Y	7/24/2025	N	Unknown	Needs Repair	Fair	1 - Minor Cracking or Corrosion	2015
BC002	A505	Back Creek (above Yardville-H Sq Road)	Y	30	Concrete	Y	7/24/2025	Y (Partially Submerged)	Unknown	Needs Maintenance	Needs Stabilization	No Damages	2017
BC003	A501	Back Creek (above Yardville-H Sq Road)	Y	16	Concrete	Y	7/24/2025	Y (Partially Submerged)	Unknown	Needs Repair	Fair	2 - Moderate Cracking or Corrosion	2017
BC004	A507	Back Creek (above Yardville-H Sq Road)	Y	26	Concrete	Y	7/24/2025	N	Unknown	Needs Maintenance	Fair	No Damages	2017
BC005	23	Back Creek (above Yardville-H Sq Road)		55	Concrete	Not Found/Inaccessible			Unknown				2019
BC006	B584	Back Creek (above Yardville-H Sq Road)		18	Concrete	Not Found/Inaccessible			Unknown				2017
BC007	B582	Back Creek (above Yardville-H Sq Road)	Y	16	Concrete	Y	7/24/2025	N	Unknown	Proper condition	Good	No Damages	2017
BC008	90	Back Creek (above Yardville-H Sq Road)	Y	18	Concrete	Y	7/24/2025	N	Unknown	Needs Maintenance	Good	No Damages	2019
BC009	B564	Back Creek (above Yardville-H Sq Road)	Y	22	Concrete	Y	7/24/2025	N	Unknown	Needs Maintenance	Good	No Damages	2017
BC010	B552	Back Creek (above Yardville-H Sq Road)		5	Clay	Not Found/Inaccessible			Unknown				2017
BC011	B555	Back Creek (above Yardville-H Sq Road)	Y	52	Concrete	Y	7/24/2025	N	Unknown	Proper condition	Good	No Damages	2017
BC012	B546	Back Creek (above Yardville-H Sq Road)				Not Found/Inaccessible	7/24/2025		Unknown				2017
BC013	C521	Back Creek (above Yardville-H Sq Road)	Y	32	Concrete	Y	7/24/2025	N	Unknown	Proper condition	Good	No Damages	2017
BC014	C526	Back Creek (above Yardville-H Sq Road)	Y	34	Concrete	Y	7/24/2025	Y (Partially Submerged)	Unknown	Proper condition	Good	No Damages	2017
BC015	C527	Back Creek (above Yardville-H Sq Road)		15	Plastic	Not Found/Inaccessible	7/24/2025		Unknown				2017
BC016	B610	Back Creek (above Yardville-H Sq Road)	Y	16	Metal	Y	7/31/2025	Y (Partially Submerged)	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	2017
BC017	B611	Back Creek (above Yardville-H Sq Road)			Concrete	Not Found/Inaccessible			Unknown				2017
BC018	B809	Back Creek (above Yardville-H Sq Road)	Y	16	Metal	Y	7/31/2025	N	Unknown	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	2017
BC019		Back Creek (above Yardville-H Sq Road)	Y	24	Concrete	Y	7/31/2025	N	Unknown	Proper condition	Good	No Damages	
BC020	14	Back Creek (above Yardville-H Sq Road)		4	Plastic	Not Found/Inaccessible			Unknown				2019
BC021	15	Back Creek (above Yardville-H Sq Road)	Y	24	Concrete	Y	7/25/2025	N	Unknown	Proper condition	Good	No Damages	2019
BC022	C603	Back Creek (above Yardville-H Sq Road)	Y	24	Concrete	Y	7/25/2025	N	Unknown	Proper condition	Good	No Damages	2017
BC023	19	Back Creek (above Yardville-H Sq Road)	Y	36	Concrete	Y	7/31/2025	Y (Partially Submerged)	Unknown	Needs Maintenance	Needs Stabilization	No Damages	2019
BC024	89	Back Creek (above Yardville-H Sq Road)	Y	24	Concrete	Y	7/24/2025	N	Unknown	Proper condition	Good	No Damages	2019
BC025	C602	Back Creek (above Yardville-H Sq Road)	Y	16	Concrete	Y	7/24/2025	N	Unknown	Needs Maintenance	Needs Stabilization	No Damages	2017
BC026	C601	Back Creek (above Yardville-H Sq Road)	Y	30	Concrete	Y	7/24/2025	N	Unknown	Needs Maintenance	Needs Stabilization	No Damages	2017
BC027	C515	Back Creek (above Yardville-H Sq Road)	Y	68	Concrete	Y	7/24/2025	N	Unknown	Proper condition	Good	No Damages	2017
BC028	C520	Back Creek (above Yardville-H Sq Road)	Y	18	Clay	Y	7/24/2025	Y (Partially Submerged)	Unknown	Needs Repair	Fair	2 - Moderate Cracking or Corrosion	2017
BC029	C516	Back Creek (above Yardville-H Sq Road)	Y	34	Concrete	Y	7/24/2025	Y (Partially Submerged)	Unknown	Proper condition	Good	No Damages	2017
BC030	D601	Back Creek (above Yardville-H Sq Road)	Y	18	Concrete	Y	7/25/2025	N	Unknown	Needs Maintenance	Needs Stabilization	1 - Minor Cracking or Corrosion	2017
BC031	D602	Back Creek (above Yardville-H Sq Road)	Y	16	Plastic	Y	7/25/2025	N	Unknown	Proper condition	Good	No Damages	2017

All Outfall Data (Back Creek)

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
BC001	N	N	N							N				1 - None
BC002	N	N	Unsure	None	Gray	Cloudy	None	None	normal	Y	Medium	10-100 ft	No dry weather flow during inspection but evidence of previous illicit discharge	3 - Medium
BC003	N	N	Unsure	None	Yellow	Cloudy	None	None	normal	N			No dry weather flow during inspection but evidence of previous illicit discharge	2 - Low
BC004	N	Y	Y	None	Other	Cloudy	None	None	normal	Y	High	Over 100 ft	Water flow coming from UNDER the outfall, like it's seeping out	4 - High
BC005													Possibly fully submerged. The adjacent catch basin is 50 inches deep with 48 inches of standing water.	
BC006													Looked all around the building an surrounding area, no sign of outfall	
BC007	N	N	N							Y	Low	Under 10 ft		2 - Low
BC008	N	N	N							N			Seems like it probably floods here since the ground slopes up away from the outfall. May need a bit of a dig out	2 - Low
BC009	N	N	N							N				2 - Low
BC010													No outfall in the middle of this no parking lane where it says it is	
BC011	N	N	N							N				1 - None
BC012	N	Y											Could not access outfall due to thick brush, but we found the inlet and there is dry weather flow, possibly from the Home Depot near by	
BC013	N	N	N							Y	Low	Under 10 ft		2 - Low
BC014	N	N	Unsure	None	Yellow	Clear	Suds	None	excessive growth or algal growth	Y	Low	Under 10 ft	No dry weather flow during inspection but evidence of previous illicit discharge	2 - Low
BC015													Very excessive vegetation, explored around the area and could not find the outfall	
BC016	N	N	N							N				2 - Low
BC017													Looked all around the area and could not find outfall	
BC018	N	N	N							Y	Medium	10-100 ft		3 - Medium
BC019	N	N	N							N				1 - None
BC020													No outfall present in the surrounding are or this side of the concrete. Brush was very overgrown in surrounding areas as well.	
BC021	N	N	N							N				1 - None
BC022	N	Y	Y	None	Clear	Clear	None	None	normal	N				2 - Low
BC023	N	Y	Y	None	Brown	Cloudy	Petroleum	None	normal	N				3 - Medium
BC024	N	N	N							N				1 - None
BC025	N	Y	Y	Petroleum/Gas	Red	Cloudy	None	Oily residues	excessive growth or algal growth	Y	High	10-100 ft		4 - High
BC026	N	Y	Y	Petroleum/Gas	Red	Cloudy	None	Excessive sediments	normal	Y	High	10-100 ft		4 - High
BC027	N	Y	Y	None		Clear	None	None	normal	N				2 - Low
BC028	N	N	Unsure	None	Yellow	Clear	None	None	inhibited growth	Y	Medium	10-100 ft	2 outfalls present in same spot, one is 16 in diam, other is 18. No dry weather flow during inspection but evidence of previous illicit discharge	3 - Medium
BC029	N	N	Unsure	None	Yellow	Opaque	Petroleum	None	normal	Y	High	10-100 ft	No dry weather flow during inspection but evidence of previous illicit discharge	4 - High
BC030	N	N	N							N				2 - Low
BC031	N	N	N							N				1 - None

All Outfall Data (Crosswicks Creek)

Outfall ID	OLD ID	Subwatershed	Is the discharge coming directly from a pipe?	Pipe Diameter [in] (if applicable)	Pipe Material	Reinspected	Date of Inspection	Is the pipe fully or partially submerged?	Are there known non-stormwater discharges?	Outfall Condition	Bank Stability	Outfall Damage	Year Asses Previous
CC001	A802	Crosswicks Ck(Ellisdale trib - Walnford)	Y	21	Concrete	Y	8/5/2025	N	Unknown	Needs Maintenance	Good	No Damages	2017
CC002	A801	Crosswicks Ck(Ellisdale trib - Walnford)	Y	24	Concrete	Y	8/5/2025	N	Unknown	Needs Repair	Good	3 - Major Cracking or Corrosion	2017
CC003		Crosswicks Ck(Ellisdale trib - Walnford)	Y	60	Concrete	Y	8/5/2025	Y (Partially Submerged)	Unknown	Needs Repair	Good	2 - Moderate Cracking or Corrosion	
CC004	B901	Crosswicks Ck(Ellisdale trib - Walnford)	Y	12	Concrete	Y	8/5/2025	N	Unknown	Proper condition	Good	No Damages	2017
CC005	B801	Crosswicks Ck(Ellisdale trib - Walnford)	Y	32	Concrete	Y	8/5/2025	Y (Partially Submerged)	Unknown	Proper condition	Good	No Damages	2017
CC006	C901	Crosswicks Ck(Ellisdale trib - Walnford)			Concrete	Not Found/Inaccessible			Unknown				2017
CC007	26	Crosswicks Ck(Ellisdale trib - Walnford)	Y	24	Concrete	Y	8/5/2025	N	Unknown	Proper condition	Good	No Damages	2019
CC008	B802	Crosswicks Ck(Doctors Ck- Ellisdale trib)			Concrete	Not Found/Inaccessible			Unknown				2017
CC009	C801	Crosswicks Ck(Doctors Ck- Ellisdale trib)		29	Concrete	Not Found/Inaccessible			Unknown				2017
CC010	29	Crosswicks Ck(Doctors Ck- Ellisdale trib)	Y	30	Concrete	Y	8/5/2025	Y (Partially Submerged)	Unknown	Proper condition	Good	No Damages	2019
CC011		Crosswicks Ck(Doctors Ck- Ellisdale trib)	Y	16	Concrete	Y	7/7/2025	N	Unknown	Proper condition	Good	No Damages	
CC012	E601	Crosswicks Ck(Doctors Ck- Ellisdale trib)	Y	16	Concrete	Y	7/7/2025	N	Unknown	Needs Repair	Fair	1 - Minor Cracking or Corrosion	2017
CC013	E606	Crosswicks Ck (below Doctors Creek)		40	Metal	Not Found/Inaccessible	7/25/2025		Unknown				2017
CC014	68	Crosswicks Ck (below Doctors Creek)	Y	46	Concrete	Y	7/7/2025	N	Unknown	Needs Maintenance	Needs Stabilization	2 - Moderate Cracking or Corrosion	2019
CC015	E508	Crosswicks Ck (below Doctors Creek)		16	Concrete	Not Found/Inaccessible			Unknown				2017
CC016	E513	Crosswicks Ck (below Doctors Creek)	Y	12	Concrete	Y	7/7/2025	N	Unknown	Needs Maintenance	Good	No Damages	2017
CC017	E501	Crosswicks Ck (below Doctors Creek)		36	Metal	Not Found/Inaccessible			Unknown				2017
CC018	88	Crosswicks Ck (below Doctors Creek)			Metal	Not Found/Inaccessible			Unknown				2019
CC019	G506	Crosswicks Ck (below Doctors Creek)	Y	22	Concrete	Y	7/25/2025	N	Unknown	Needs Maintenance	Fair	No Damages	2017
CC020	G505	Crosswicks Ck (below Doctors Creek)	Y	22	Concrete	Y	7/25/2025	N	Unknown	Needs Maintenance	Fair	No Damages	2017

All Outfall Data (Crosswicks Creek)

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
CC001	N	Y	Y	None	Clear	Clear	Suds	None	normal	N				2 - Low
CC002	N	N	N							N				3 - Medium
CC003	N	Y	Y	None	Clear	Clear	None	Grayish-Black	normal	N				3 - Medium
CC004	N	N	N							N			On the corner of Spidertown and Mosquitoville	1 - None
CC005	N	Y	Y	None	Clear	Clear	None	None	normal	N				2 - Low
CC006													Manhole cover in marked location, nothing	
CC007	N	Y	Y	None	Clear	Clear	None	Grayish-Black	normal	N				3 - Medium
CC008													In the middle of a cornfield, there is no path or Thick brush like a wall.	
CC009														
CC010	N	Y	Y	None	Clear	Clear	None	Grayish-Black	normal	N				2 - Low
CC011	N	N	N							N				1 - None
CC012	N	N	N							Y	Low	Under 10 ft		2 - Low
CC013													Not accessible- too much vegetation to get through from the one side and there is no entrance to the road near the train tracks	
CC014	N	N	N							Y	Low	Under 10 ft		3 - Medium
CC015													Fenced off and can't get behind houses	
CC016	N	N	N							Y	Low	Under 10 ft	Fully backed up with mud and roots, very poor	4 - High
CC017													Fenced off, steep slope	
CC018														
CC019	N	N	N							N				2 - Low
CC020	N	N	N							Y	Medium	10-100 ft		3 - Medium

All Outfall Data (Doctors Creek)

Outfall ID	OLD ID	Subwatershed	Is the discharge coming directly from a pipe?	Pipe Diameter [in] (if applicable)	Pipe Material	Reinspected	Date of Inspection	Is the pipe fully or partially submerged?	Are there known non-stormwater discharges?	Outfall Condition	Bank Stability	Outfall Damage	Year Asses Previous
DC002	A701	Doctors Creek (below Allentown)	Y	38	Concrete	Y	8/5/2025	N	Unknown	Needs Repair	Fair	2 - Moderate Cracking or Corrosion	2017
DC003	A702	Doctors Creek (below Allentown)	Y	15	Concrete	Y	8/5/2025	N	Unknown	Needs Repair	Good	1 - Minor Cracking or	2017
DC004	49	Doctors Creek (below Allentown)			Clay	Not Found/Inaccessible			Unknown				2019
DC005	B701	Doctors Creek (below Allentown)	Y	16	Concrete	Y	7/31/2025	N	Unknown	Proper condition	Good	No Damages	2017
DC006	C704	Doctors Creek (below Allentown)	Y	24	Concrete	Y	7/31/2025	N	Unknown	Proper condition	Needs Stabilization	No Damages	2017
DC007	34	Doctors Creek (below Allentown)		24	Concrete	Not Found/Inaccessible			Unknown				2019
DC008	35	Doctors Creek (below Allentown)	Y	24	Concrete	Y	8/6/2025	N	Unknown	Needs Repair	Good	1 - Minor Cracking or	2019
DC009	37	Doctors Creek (below Allentown)	Y	18	Concrete	Y	8/6/2025	Y (Partially Submerged)	Unknown	Needs Repair	Needs Stabilization	3 - Major Cracking or Corrosion	2019
DC010	31	Doctors Creek (below Allentown)		24	Concrete	Not Found/Inaccessible			Unknown				2019
DC011	C703	Doctors Creek (below Allentown)	Y	28	Concrete	Y	7/31/2025	N	Unknown	Proper condition	Good	No Damages	2017
DC012		Doctors Creek (below Allentown)	Y		Concrete	Y	7/31/2025	N	Unknown	Proper condition	Good	No Damages	2017
DC013	41	Doctors Creek (below Allentown)	Y	24	Concrete	Y	7/25/2025	N	Unknown	Needs Maintenance	Fair	No Damages	2019
DC014	42	Doctors Creek (below Allentown)	Y	36	Concrete	Y	7/25/2025	N	Unknown	Needs Maintenance	Good	No Damages	2019
DC015	43	Doctors Creek (below Allentown)			Clay	Not Found/Inaccessible			Unknown				2019
DC016		Doctors Creek (below Allentown)	Y	36	Concrete	Y	7/7/2025	N	Unknown	Needs Maintenance	Fair	1 - Minor Cracking or	2019
DC017	47	Doctors Creek (below Allentown)		30	Concrete	Not Found/Inaccessible			Unknown				2019
DC018	50	Doctors Creek (below Allentown)	Y	48	Concrete	Y	7/7/2025	N	Unknown	Proper condition	Fair	No Damages	2019
DC019	59	Doctors Creek (below Allentown)			Clay	Not Found/Inaccessible			Unknown				2019
DC020	56	Doctors Creek (below Allentown)			Clay	Not Found/Inaccessible			Unknown				2019
DC021	57	Doctors Creek (below Allentown)	Y		Concrete	Y	7/31/2025	N	Unknown	Proper condition	Good	No Damages	2019
DC022	55	Doctors Creek (below Allentown)	Y	16	Concrete	Y	7/31/2025	N	Unknown	Needs Maintenance	Good	No Damages	2019
DC023	53	Doctors Creek (below Allentown)		37	Concrete	Not Found/Inaccessible			Unknown				2019
DC024	C702	Doctors Creek (below Allentown)		30	Concrete	Not Found/Inaccessible			Unknown				2017
DC025		Doctors Creek (below Allentown)	Y	18	Concrete	Y	7/25/2025	N	Unknown	Needs Repair	Fair	3 - Major Cracking or	2017
DC026		Doctors Creek (below Allentown)	Y	30	Concrete	Y	7/25/2025	N	Unknown	Proper condition	Fair	No Damages	2017
DC027	C701	Doctors Creek (below Allentown)	Y	74	Concrete	Y	7/25/2025	N	Unknown	Proper condition	Good	No Damages	2017
DC028	62	Doctors Creek (below Allentown)	Y	30	Concrete	Y	7/31/2025	N	Unknown	Needs Maintenance	Good	1 - Minor Cracking or	2019
DC029	5	Doctors Creek (below Allentown)			Clay	Not Found/Inaccessible	7/25/2025		Unknown				2019
DC030	60	Doctors Creek (below Allentown)		9	Concrete	Not Found/Inaccessible			Unknown				2019
DC031	E603	Doctors Creek (below Allentown)	Y	12	Concrete	Y	7/7/2025	N	Unknown	Needs Maintenance	Fair	1 - Minor Cracking or	2017
DC032		Doctors Creek (below Allentown)	Y	18	Concrete	Y	7/7/2025	N	Unknown	Proper condition	Good	No Damages	2017
DC033		Doctors Creek (below Allentown)	Y	18	Concrete	Y	7/7/2025	N	Unknown	Proper condition	Good	No Damages	2017
DC034	52	Doctors Creek (below Allentown)		15	metal	Not Found/Inaccessible			Unknown				2019
DC035	51	Doctors Creek (below Allentown)		15	metal	Not Found/Inaccessible			Unknown				2019
DC036	E605	Doctors Creek (below Allentown)	Y	18	Concrete	Y	7/25/2025	N	Unknown	Needs Maintenance	Good	No Damages	2017
DC037	E604	Doctors Creek (below Allentown)	Y	16	Concrete	Y	7/25/2025	N	Unknown	Needs Maintenance	Good	No Damages	2017

All Outfall Data (Doctors Creek)

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
DC002	N	Y	Y	None	Brown	Clear	None	Excessive sediments	normal	N				3 - Medium
DC003	N	Y	Y	None	Clear	Clear	Petroleum	Grayish-Black	normal	N				2 - Low
DC004													Can't access, cornfield in the way	
DC005	N	Y	Y	None	Brown	Cloudy		None	normal	N				2 - Low
DC006	N	Y	Y	None	Clear	Cloudy	None	None	normal	Y	High	10-100 ft		3 - Medium
DC007													We searched but no outfall present, also thick vegetation	
DC008	N	Y	Y	None	Brown	Clear	None	None	normal	N				2 - Low
DC009	N	N	N							Y	Medium	10-100 ft		3 - Medium
DC010													Looked around area but could not find it	
DC011	N	N	N							N				1 - None
DC012	N	N	N							N				1 - None
DC013	N	Y	Y	Sewage	Yellow	Cloudy		Grayish-Black	excessive growth or algal growth	N			Dead deer next to outfall so we could not get too close	3 - Medium
DC014	N	Y	Y	None	Yellow	Clear	None	Excessive sediments	normal	N			Under overpass	2 - Low
DC015														
DC016	N	Y	Y	None	Clear	Cloudy	None	Oily residues	normal	N				2 - Low
DC017														
DC018	N	Y	Y	None	Clear	Clear	None	None	normal	Y	Medium	10-100 ft		3 - Medium
DC019														
DC020														
DC021	N	N	N							N				1 - None
DC022	N	N	N							N			Sediment build up	2 - Low
DC023													Vegetation too thick to access	
DC024														
DC025	N	N	N							N				3 - Medium
DC026	N	Y	Y	None	Yellow	Clear	Suds	Excessive sediments	normal	Y	Low	Under 10 ft	Orange discharge from pipe	2 - Low
DC027	N	N	N							Y	Low	Under 10 ft		2 - Low
DC028	N	N	N							Y	Medium	10-100 ft		3 - Medium
DC029														
DC030														
DC031	N	N	N							Y	Low	Under 10 ft	Cracked outfall pipe	2 - Low
DC032	N	N	N							N				1 - None
DC033	N	N	N							N				1 - None
DC034														
DC035														
DC036	N	N	N							N				2 - Low
DC037	N	Y	Y	None	Brown	Cloudy	None	Other	normal	N				3 - Medium

Priority Outfalls

Outfall ID	OLD ID	Subwatershed	Is the discharge coming directly from a pipe?	Pipe Diameter [in] (if applicable)	Pipe Material	Reinspected	Date of Inspection	Is the pipe fully or partially submerged?	Are there known non-stormwater discharges?	Outfall Condition	Bank Stability	Outfall Damage	Year Asses Previous
BC004	A507	Back Creek (above Yardville-H Sq Road)	Y	26	Concrete	Y	7/24/2025	N	Unknown	Needs Maintenance	Fair	No Damages	2017
BC025	C602	Back Creek (above Yardville-H Sq Road)	Y	16	Concrete	Y	7/24/2025	N	Unknown	Needs Maintenance	Needs Stabilization	No Damages	2017
BC026	C601	Back Creek (above Yardville-H Sq Road)	Y	30	Concrete	Y	7/24/2025	N	Unknown	Needs Maintenance	Needs Stabilization	No Damages	2017
BC029	C516	Back Creek (above Yardville-H Sq Road)	Y	34	Concrete	Y	7/24/2025	Y (Partially Submerged)	Unknown	Proper condition	Good	No Damages	2017
CC016	E513	Crosswicks Ck (below Doctors Creek)	Y	12	Concrete	Y	7/7/2025	N	Unknown	Needs Maintenance	Good	No Damages	2017
BC002	A505	Back Creek (above Yardville-H Sq Road)	Y	30	Concrete	Y	7/24/2025	Y (Partially Submerged)	Unknown	Needs Maintenance	Needs Stabilization	No Damages	2017
BC018	B609	Back Creek (above Yardville-H Sq Road)	Y	16	Metal	Y	7/31/2025	N	Unknown	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	2017
BC023	19	Back Creek (above Yardville-H Sq Road)	Y	36	Concrete	Y	7/31/2025	Y (Partially Submerged)	Unknown	Needs Maintenance	Needs Stabilization	No Damages	2019
BC028	C520	Back Creek (above Yardville-H Sq Road)	Y	18	Clay	Y	7/24/2025	Y (Partially Submerged)	Unknown	Needs Repair	Fair	2 - Moderate Cracking or Corrosion	2017
CC002	A801	Crosswicks Ck(Ellisdale trib - Walnford)	Y	24	Concrete	Y	8/5/2025	N	Unknown	Needs Repair	Good	3 - Major Cracking or Corrosion	2017
CC003		Crosswicks Ck(Ellisdale trib - Walnford)	Y	60	Concrete	Y	8/5/2025	Y (Partially Submerged)	Unknown	Needs Repair	Good	2 - Moderate Cracking or Corrosion	
CC007	26	Crosswicks Ck(Ellisdale trib - Walnford)	Y	24	Concrete	Y	8/5/2025	N	Unknown	Proper condition	Good	No Damages	2019
CC014	68	Crosswicks Ck (below Doctors Creek)	Y	46	Concrete	Y	7/7/2025	N	Unknown	Needs Maintenance	Needs Stabilization	2 - Moderate Cracking or Corrosion	2019
CC020	G505	Crosswicks Ck (below Doctors Creek)	Y	22	Concrete	Y	7/25/2025	N	Unknown	Needs Maintenance	Fair	No Damages	2017
DC002	A701	Doctors Creek (below Allentown)	Y	38	Concrete	Y	8/5/2025	N	Unknown	Needs Repair	Fair	2 - Moderate Cracking or Corrosion	2017
DC006	C704	Doctors Creek (below Allentown)	Y	24	Concrete	Y	7/31/2025	N	Unknown	Proper condition	Needs Stabilization	No Damages	2017
DC009	37	Doctors Creek (below Allentown)	Y	18	Concrete	Y	8/6/2025	Y (Partially Submerged)	Unknown	Needs Repair	Needs Stabilization	3 - Major Cracking or Corrosion	2019
DC013	41	Doctors Creek (below Allentown)	Y	24	Concrete	Y	7/25/2025	N	Unknown	Needs Maintenance	Fair	No Damages	2019
DC018	50	Doctors Creek (below Allentown)	Y	48	Concrete	Y	7/7/2025	N	Unknown	Proper condition	Fair	No Damages	2019
DC025		Doctors Creek (below Allentown)	Y	18	Concrete	Y	7/25/2025	N	Unknown	Needs Repair	Fair	3 - Major Cracking or Corrosion	
DC028	62	Doctors Creek (below Allentown)	Y	30	Concrete	Y	7/31/2025	N	Unknown	Needs Maintenance	Good	1 - Minor Cracking or Corrosion	2019
DC037	E604	Doctors Creek (below Allentown)	Y	16	Concrete	Y	7/25/2025	N	Unknown	Needs Maintenance	Good	No Damages	2017

Priority Outfalls

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
BC004	N	Y	Y	None	Other	Cloudy	None	None	normal	Y	High	Over 100 ft	Water flow coming from UNDER the outfall, like it's seeping out	4 - High
BC025	N	Y	Y	Petroleum/Gas	Red	Cloudy	None	Oily residues	excessive growth or algal growth	Y	High	10-100 ft		4 - High
BC026	N	Y	Y	Petroleum/Gas	Red	Cloudy	None	Excessive sediments	normal	Y	High	10-100 ft		4 - High
BC029	N	N	Unsure	None	Yellow	Opaque	Petroleum	None	normal	Y	High	10-100 ft	No dry weather flow during inspection but evidence of previous illicit discharge	4 - High
CC016	N	N	N							Y	Low	Under 10 ft	Fully backed up with mud and roots, very poor condition	4 - High
BC002	N	N	Unsure	None	Gray	Cloudy	None	None	normal	Y	Medium	10-100 ft	No dry weather flow during inspection but evidence of previous illicit discharge	3 - Medium
BC018	N	N	N							Y	Medium	10-100 ft		3 - Medium
BC023	N	Y	Y	None	Brown	Cloudy	Petroleum	None	normal	N				3 - Medium
BC028	N	N	Unsure	None	Yellow	Clear	None	None	inhibited growth	Y	Medium	10-100 ft	2 outfalls present in same spot, one is 16 in diam, other is 18. No dry weather flow during inspection but evidence of previous illicit discharge	3 - Medium
CC002	N	N	N							N				3 - Medium
CC003	N	Y	Y	None	Clear	Clear	None	Grayish-Black	normal	N				3 - Medium
CC007	N	Y	Y	None	Clear	Clear	None	Grayish-Black	normal	N				3 - Medium
CC014	N	N	N							Y	Low	Under 10 ft		3 - Medium
CC020	N	N	N							Y	Medium	10-100 ft		3 - Medium
DC002	N	Y	Y	None	Brown	Clear	None	Excessive sediments	normal	N				3 - Medium
DC006	N	Y	Y	None	Clear	Cloudy	None	None	normal	Y	High	10-100 ft		3 - Medium
DC009	N	N	N							Y	Medium	10-100 ft		3 - Medium
DC013	N	Y	Y	Sewage	Yellow	Cloudy		Grayish-Black	excessive growth or algal growth	N			Dead deer next to outfall so we could not get too close	3 - Medium
DC018	N	Y	Y	None	Clear	Clear	None	None	normal	Y	Medium	10-100 ft		3 - Medium
DC025	N	N	N							N				3 - Medium
DC028	N	N	N							Y	Medium	10-100 ft		3 - Medium
DC037	N	Y	Y	None	Brown	Cloudy	None	Other	normal	N				3 - Medium

Outfall Damage

Outfall ID	OLD ID	Is the discharge coming directly from a pipe?	Pipe Diameter [in] (if applicable)	Pipe Material	Date of Inspection	Outfall Condition	Bank Stability	Outfall Damage	Notes	Overall Priority
CC002	A801	Y	24	Concrete	8/5/2025	Needs Repair	Good	3 - Major Cracking or Corrosion		3 - Medium
DC009	37	Y	18	Concrete	8/6/2025	Needs Repair	Needs Stabilization	3 - Major Cracking or Corrosion		3 - Medium
DC025		Y	18	Concrete	7/25/2025	Needs Repair	Fair	3 - Major Cracking or Corrosion		3 - Medium
BC028	C520	Y	18	Clay	7/24/2025	Needs Repair	Fair	2 - Moderate Cracking or Corrosion	2 outfalls present in same spot, one is 16 in diam, other is 18. No dry weather flow during inspection but evidence of previous illicit discharge	3 - Medium
CC003		Y	60	Concrete	8/5/2025	Needs Repair	Good	2 - Moderate Cracking or Corrosion		3 - Medium
CC014	68	Y	46	Concrete	7/7/2025	Needs Maintenance	Needs Stabilization	2 - Moderate Cracking or Corrosion		3 - Medium
DC002	A701	Y	38	Concrete	8/5/2025	Needs Repair	Fair	2 - Moderate Cracking or Corrosion		3 - Medium
BC003	A501	Y	16	Concrete	7/24/2025	Needs Repair	Fair	2 - Moderate Cracking or Corrosion	No dry weather flow during inspection but evidence of previous illicit discharge	2 - Low
BC018	B609	Y	16	Metal	7/31/2025	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion		3 - Medium
DC028	62	Y	30	Concrete	7/31/2025	Needs Maintenance	Good	1 - Minor Cracking or Corrosion		3 - Medium
BC016	B610	Y	16	Metal	7/31/2025	Needs Maintenance	Good	1 - Minor Cracking or Corrosion		2 - Low
BC030	D601	Y	18	Concrete	7/25/2025	Needs Maintenance	Needs Stabilization	1 - Minor Cracking or Corrosion		2 - Low
CC012	E601	Y	16	Concrete	7/7/2025	Needs Repair	Fair	1 - Minor Cracking or Corrosion		2 - Low
DC003	A702	Y	15	Concrete	8/5/2025	Needs Repair	Good	1 - Minor Cracking or Corrosion		2 - Low
DC008	35	Y	24	Concrete	8/6/2025	Needs Repair	Good	1 - Minor Cracking or Corrosion		2 - Low
DC016		Y	36	Concrete	7/7/2025	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion		2 - Low
DC031	E603	Y	12	Concrete	7/7/2025	Needs Maintenance	Fair	1 - Minor Cracking or Corrosion	Cracked outfall pipe	2 - Low
BC001	A0501	Y	24	Concrete	7/24/2025	Needs Repair	Fair	1 - Minor Cracking or Corrosion		1 - None

Scouring

Outfall ID	OLD ID	Date of Inspection	Outfall Condition	Bank Stability	Stream Scour Present?	Scour Severity	Scour Extent	Notes	Overall Priority
BC004	A507	7/24/2025	Needs Maintenance	Fair	Y	High	Over 100 ft	Water flow coming from UNDER the outfall, like it's seeping out	4 - High
BC025	C602	7/24/2025	Needs Maintenance	Needs Stabilization	Y	High	10-100 ft		4 - High
BC026	C601	7/24/2025	Needs Maintenance	Needs Stabilization	Y	High	10-100 ft		4 - High
BC029	C516	7/24/2025	Proper condition	Good	Y	High	10-100 ft	No dry weather flow during inspection but evidence of previous illicit discharge	4 - High
DC006	C704	7/31/2025	Proper condition	Needs Stabilization	Y	High	10-100 ft		3 - Medium
BC002	A505	7/24/2025	Needs Maintenance	Needs Stabilization	Y	Medium	10-100 ft	No dry weather flow during inspection but evidence of previous illicit discharge	3 - Medium
BC018	B609	7/31/2025	Needs Maintenance	Fair	Y	Medium	10-100 ft		3 - Medium
BC028	C520	7/24/2025	Needs Repair	Fair	Y	Medium	10-100 ft	2 outfalls present in same spot, one is 16 in diam, other is 18. No dry weather flow during inspection but evidence of previous illicit discharge	3 - Medium
CC020	G505	7/25/2025	Needs Maintenance	Fair	Y	Medium	10-100 ft		3 - Medium
DC009	37	8/6/2025	Needs Repair	Needs Stabilization	Y	Medium	10-100 ft		3 - Medium
DC018	50	7/7/2025	Proper condition	Fair	Y	Medium	10-100 ft		3 - Medium
DC028	62	7/31/2025	Needs Maintenance	Good	Y	Medium	10-100 ft		3 - Medium
BC007	B582	7/24/2025	Proper condition	Good	Y	Low	Under 10 ft		2 - Low
BC013	C521	7/24/2025	Proper condition	Good	Y	Low	Under 10 ft		2 - Low
BC014	C526	7/24/2025	Proper condition	Good	Y	Low	Under 10 ft	No dry weather flow during inspection but evidence of previous illicit discharge	2 - Low
CC012	E601	7/7/2025	Needs Repair	Fair	Y	Low	Under 10 ft		2 - Low
CC014	68	7/7/2025	Needs Maintenance	Needs Stabilization	Y	Low	Under 10 ft		3 - Medium
CC016	E513	7/7/2025	Needs Maintenance	Good	Y	Low	Under 10 ft	Fully backed up with mud and roots, very poor condition	4 - High
DC026		7/25/2025	Proper condition	Fair	Y	Low	Under 10 ft		2 - Low
DC027	C701	7/25/2025	Proper condition	Good	Y	Low	Under 10 ft	Orange discharge from pipe	2 - Low
DC031	E603	7/7/2025	Needs Maintenance	Fair	Y	Low	Under 10 ft	Cracked outfall pipe	2 - Low

Illicit Discharge Suspected

Outfall ID	OLD ID	Subwatershed	Date of Inspection	Is the pipe fully or partially submerged?	Are there known non-stormwater discharges?	Rainfall Last 72hrs?	Dry Weather Flow?	Illicit Discharge Suspected?	Odor	Color	Turbidity	Floatables	Deposits or Stains	Adjacent Vegetation (compared to other areas)	Notes	Overall Priority
BC004	A507	Back Creek (above Yardville-H Sq Road)	7/24/2025	N	Unknown	N	Y	Y	None	Other	Cloudy	None	None	normal	No dry weather flow during inspection but evidence of previous illicit discharge	4 - High
BC022	C603	Back Creek (above Yardville-H Sq Road)	7/25/2025	N	Unknown	N	Y	Y	None	Clear	Clear	None	None	normal		2 - Low
BC023	19	Back Creek (above Yardville-H Sq Road)	7/31/2025	Y (Partially Submerged)	Unknown	N	Y	Y	None	Brown	Cloudy	Petroleum	None	normal		3 - Medium
BC025	C602	Back Creek (above Yardville-H Sq Road)	7/24/2025	N	Unknown	N	Y	Y	Petroleum/Gas	Red	Cloudy	None	Oily residues	excessive growth or algal growth		4 - High
BC026	C601	Back Creek (above Yardville-H Sq Road)	7/24/2025	N	Unknown	N	Y	Y	Petroleum/Gas	Red	Cloudy	None	Excessive sediments	normal		4 - High
BC027	C515	Back Creek (above Yardville-H Sq Road)	7/24/2025	N	Unknown	N	Y	Y	None		Clear	None	None	normal		2 - Low
CC001	A802	Crosswicks Ck(Ellisdale trib - Wainford)	8/5/2025	N	Unknown	N	Y	Y	None	Clear	Clear	Suds	None	normal		2 - Low
CC003		Crosswicks Ck(Ellisdale trib - Wainford)	8/5/2025	Y (Partially Submerged)	Unknown	N	Y	Y	None	Clear	Clear	None	Grayish-Black	normal		3 - Medium
CC005	B801	Crosswicks Ck(Ellisdale trib - Wainford)	8/5/2025	Y (Partially Submerged)	Unknown	N	Y	Y	None	Clear	Clear	None	None	normal		2 - Low
CC007	26	Crosswicks Ck(Ellisdale trib - Wainford)	8/5/2025	N	Unknown	N	Y	Y	None	Clear	Clear	None	Grayish-Black	normal		3 - Medium
CC010	29	Crosswicks Ck(Doctors Ck-Ellisdale trib)	8/5/2025	Y (Partially Submerged)	Unknown	N	Y	Y	None	Clear	Clear	None	Grayish-Black	normal		2 - Low
DC002	A701	Doctors Creek (below Allentown)	8/5/2025	N	Unknown	N	Y	Y	None	Brown	Clear	None	Excessive sediments	normal		3 - Medium
DC003	A702	Doctors Creek (below Allentown)	8/5/2025	N	Unknown	N	Y	Y	None	Clear	Clear	Petroleum	Grayish-Black	normal		2 - Low
DC005	B701	Doctors Creek (below Allentown)	7/31/2025	N	Unknown	N	Y	Y	None	Brown	Cloudy	None	None	normal		2 - Low
DC006	C704	Doctors Creek (below Allentown)	7/31/2025	N	Unknown	N	Y	Y	None	Clear	Cloudy	None	None	normal		3 - Medium
DC008	35	Doctors Creek (below Allentown)	8/6/2025	N	Unknown	N	Y	Y	None	Brown	Clear	None	None	normal		2 - Low
DC013	41	Doctors Creek (below Allentown)	7/25/2025	N	Unknown	N	Y	Y	Sewage	Yellow	Cloudy		Grayish-Black	excessive growth or algal growth	Dead deer next to outfall so we could not get too close	3 - Medium
DC014	42	Doctors Creek (below Allentown)	7/25/2025	N	Unknown	N	Y	Y	None	Yellow	Clear	None	Excessive sediments	normal	Under overpass	2 - Low
DC016		Doctors Creek (below Allentown)	7/7/2025	N	Unknown	N	Y	Y	None	Clear	Cloudy	None	Oily residues	normal		2 - Low
DC018	50	Doctors Creek (below Allentown)	7/7/2025	N	Unknown	N	Y	Y	None	Clear	Clear	None	None	normal		3 - Medium
DC026		Doctors Creek (below Allentown)	7/25/2025	N	Unknown	N	Y	Y	None	Yellow	Clear	Suds	Excessive sediments	normal	Orange discharge from pipe	2 - Low
DC037	E604	Doctors Creek (below Allentown)	7/25/2025	N	Unknown	N	Y	Y	None	Brown	Cloudy	None	Other	normal		3 - Medium
BC002	A505	Back Creek (above Yardville-H Sq Road)	7/24/2025	Y (Partially Submerged)	Unknown	N	N	Unsure	None	Gray	Cloudy	None	None	normal	No dry weather flow during inspection but evidence of previous illicit discharge	3 - Medium
BC003	A501	Back Creek (above Yardville-H Sq Road)	7/24/2025	Y (Partially Submerged)	Unknown	N	N	Unsure	None	Yellow	Cloudy	None	None	normal	No dry weather flow during inspection but evidence of previous illicit discharge	2 - Low
BC014	C526	Back Creek (above Yardville-H Sq Road)	7/24/2025	Y (Partially Submerged)	Unknown	N	N	Unsure	None	Yellow	Clear	Suds	None	excessive growth or algal growth	No dry weather flow during inspection but evidence of previous illicit discharge	2 - Low
BC028	C520	Back Creek (above Yardville-H Sq Road)	7/24/2025	Y (Partially Submerged)	Unknown	N	N	Unsure	None	Yellow	Clear	None	None	inhibited growth	2 outfalls present in same spot, one is 16 in diam, other is 18. No dry weather flow during inspection but evidence of previous illicit discharge	3 - Medium
BC029	C516	Back Creek (above Yardville-H Sq Road)	7/24/2025	Y (Partially Submerged)	Unknown	N	N	Unsure	None	Yellow	Opaque	Petroleum	None	normal	No dry weather flow during inspection but evidence of previous illicit discharge	4 - High