



Loudoun County, Virginia
www.loudoun.gov

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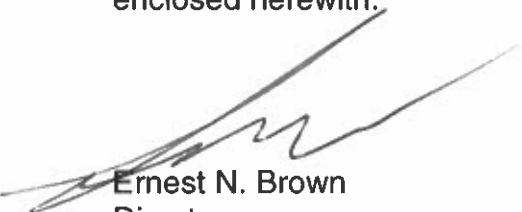
September 27, 2023

Commonwealth of Virginia
Department of Environmental Quality
Northern Regional Office
13901 Crown Ct.
Woodbridge, VA 22193

Re: VPDES General Permit for Small Municipal Separate Storm Sewer Systems;
Permit Number: VAR040067

Submitted in accordance with permit requirements is the Permit Year 5 Annual Report;
Reporting Period: July 1, 2022 – June 30, 2023.

"Certification" of the report is included immediately following the title page. A copy of
the Delegation of Authority by the County Administrator to certify such reports is
enclosed herewith.



Ernest N. Brown
Director
Department of General Services

Enclosures:

1. Permit Year 5 Annual Report, July 1, 2022 – June 30, 2023, Permit Number:
VAR040067

**VIRGINIA GENERAL VPDES PERMIT FOR DISCHARGES FROM
SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
PERMIT NUMBER: VAR040067**

LOUDOUN COUNTY, VIRGINIA

**Permit Year 5 Annual Report
Reporting Period: July 1, 2022 – June 30, 2023**



Submitted October 1, 2023

**Loudoun County
Department of General Services
801 Sycolin Road, S.E., Suite 300
P.O. Box 7100
Leesburg, VA 20177
703-771-5552**

Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Ernest N. Brown
Name

Director, Department of General Services
Title


Responsible Official Signature

2756P2023
Date

VAR040067
Permit Number

Loudoun County
MS4 Name

COUNTY OF LOUDOUN



OFFICE OF THE COUNTY ADMINISTRATOR

Memorandum

Date: January 4, 2016
To: Ernest Brown
From: Tim Hemstreet *[Signature]*
Subject: Delegation of Authority – Real Property Administration

Section 15.2-1541 of the Code of Virginia states that I am "responsible ...for the proper management of all the affairs of the locality which the governing body has authority to control." That section also authorizes me to "see that all ordinances, resolutions, directives and order of the governing body and all laws of the Commonwealth required to be enforced through the governing body or officers subject to the control of the governing body are faithfully executed." Effective immediately I designate you as my agent to sign routine actions related to real property owned by Loudoun County including, but not limited to:

- Land Development Applications where the signature of the County, as Property Owner, is required;
- Zoning and Building Permit Applications where the signature of the County, as Property Owner, is required;
- Drawings, plats and surveys where the signature of the County, as Property Owner, is required;
- Temporary easements, rights-of-entry or other documents that do not require specific action to be taken by the Board of Supervisors;
- Leases for property that do not require specific action to be taken by the Board; and
- Other documents considered routine and correct as to form by the County Attorney.

Further, I designate you as my agent to negotiate, sign and administer leases within the framework of the Board of Supervisors' Purchasing Policy.

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DEQ Annual Report Crosswalk

This crosswalk is provided to aid in checking compliance with the MS4 General Permit.

9VAC25-890-40. General permit.			Loudoun County		
Location	Language	Note	Annual Report Section	Page	Notes
D. Annual reporting requirements					
D.1.	The permittee shall submit an annual report to the department no later than October 1 of each year in a format as specified by the department. The report shall cover the previous year from July 1 to June 30.		NA	NA	See Report.
D.2.	The annual report shall include the following general information:		BMP D	11	
D.2.a.	The permittee, system name, and permit number		Report Cover	NA	
D.2.b.	The reporting period for which the annual report is being submitted		Report Cover	NA	
D.2.c.	A signed certification as per Part III K		Certification Page	2	
D.2.d.	Each annual reporting item as specified in the MCM in Part I E		NA	NA	
D.2.e.	An evaluation of the MS4 program implementation, including a review of each MCM, to determine the MS4 program's effectiveness and whether or not changes to the MS4 Program Plan are necessary.		BMP E	11	
D.3.	For permittees receiving initial coverage under this general VPDES permit for the discharge of stormwater, the annual report shall include a status update on each component of the MS4 Program Plan being developed. Once the MS4 Program Plan has been updated to include implementation of a specific MCM in Part I E, the permittee shall follow the reporting requirements established in Part I D 2.		NA	NA	This permit section does not apply to Loudoun County.
D.4.	For those permittees with requirements established under Part II A, the annual report shall include a status report on the implementation of the Chesapeake Bay TMDL action plan in accordance with Part II A of this permit including any revisions to the plan.		BMP F	12	
D.5.	For those permittees with requirements established under Part II B, the annual report shall include a status report on the implementation of the local TMDL action plans in accordance with Part II B including any revisions of the plan.		BMP G	16	

9VAC25-890-40. General permit.			Loudoun County		
Location	Language	Note	Annual Report Section	Page	Notes
D.6.	For the purposes of this permit, the MS4 Program Plan and annual report shall be maintained separately and submitted to the department as required by this permit as two separate documents.		NA	NA	Program Plan and AR are maintained as separate documents and are available upon request.
E. Minimum Control Measures					
E.1.g.	The annual report shall include the following information:	Public Education and Outreach			
E.1.g.(1)	A list of the high-priority stormwater issues the permittee addressed in the public education and outreach program plan		BMP 1B	19	
E.1.g.(2)	A list of strategies used to communicate each high-priority stormwater issue.		BMP 1D	21	
E.2.f.	The annual report shall include the following information:	Public Participation			
E.2.f.(1)	A summary of any public input on the MS4 program received [(including stormwater complaints) and how the permittee responded		BMP 2A	23	
E.2.f.(2)	A webpage address to the permittee's MS4 program and stormwater website		BMP 2B	24	
E.2.f.(3)	A description of the public involvement activities implemented by the permittee		BMP 2C	24	
E.2.f.(4)	A report of the metric as defined for each activity and an evaluation as to whether or not the activity is beneficial to improving water quality		BMP 2C	24	
E.2.f.(5)	The name of other MS4 permittees with whom the permittee collaborated in the public involvement opportunities		NA	NA	The county did not collaborate with any other MS4 permittees.
E.3.e.	The annual report shall include:	IDDE			
E.3.e.(1)	A confirmation statement that the MS4 map and information table have been updated to reflect any changes to the MS4 occurring on or before June 30 of the reporting year		BMP 3A	27	

9VAC25-890-40. General permit.			Loudoun County		
Location	Language	Note	Annual Report Section	Page	Notes
E.3.e.(2)	The total number of outfalls screened during the reporting period as part of the dry weather screening program		BMP 3E	29	
E.3.e.(3)	A list of illicit discharges to the MS4 including spills reaching the MS4 with information as follows:				
E.3.e.(3)(a)	The source of illicit discharge		BMP 3F	30	
E.3.e.(3)(b)	The date or dates that the discharge was observed, reported, or both		BMP 3F	30	
E.3.e.(3)(c)	Whether the discharge was discovered by the permittee during dry weather screening, reported by the public, or other method (describe)		BMP 3F	30	
E.3.e.(3)(d)	How the investigation was resolved		BMP 3F	30	
E.3.e.(3)(e)	A description of any follow-up activities		BMP 3F	30	
E.3.e.(3)(f)	The date the investigation was closed		BMP 3F	30	
E.4.d.	The annual report shall include the following:	Construction Stormwater			
E.4.d.(1)	If the permittee implements a construction site stormwater runoff program in accordance with Part I E 4 a (3):		BMP 4A	31	
E.4.d.(1)(a)	A confirmation statement that land disturbing projects that occurred during the reporting period have been conducted in accordance with the current department approved standards and specifications for erosion and sediment control; and		BMP 4A	31	
E.4.d.(1)(b)	If one or more of the land disturbing projects were not conducted with the department approved standards and specifications, an explanation as to why the projects did not conform to the approved standards and specifications.		BMP 4A	31	
E.4.d.(2)	Total number of inspection conducted; and		BMP 4A	31	
E.4.d.(3)	The total number and type of enforcement actions implemented and the type of enforcement actions.		BMP 4A	31	
E.5.i.	The annual report shall include the following information:	Post-Development			
E.5.i.(1)	If the permittee implements a VSMP in accordance with Part I E 5 1 (1) and (2):		BMP 5E	34	
E.5.i.(1)(a)	The number of privately owned stormwater management facility inspections conducted; and		BMP 5E	34	

9VAC25-890-40. General permit.			Loudoun County		
Location	Language	Note	Annual Report Section	Page	Notes
E.5.i.(1)(b)	The number of enforcement actions initiated by the permittee to ensure long-term maintenance of privately owned stormwater management facilities including the type of enforcement action		BMP 5E	34	
E.5.i.(2)	Total number of inspections conducted on stormwater management facilities owned or operated by the permittee;		BMP 5C	33	
E.5.i.(3)	A description of the significant maintenance, repair, or retrofit activities performed on the stormwater management facilities owned or operated by the permittee to ensure it continues to perform as designed. This does not include routine activities such as grass mowing or trash collection;		BMP 5D	34	
E.5.i.(4)	A confirmation statement that the permittee submitted stormwater management facility information through the Virginia Construction Stormwater General Permit database for those land disturbing activities for which the permittee was required to obtain coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities in accordance with Part I E 5 f or a statement that the permittee did not complete any projects requiring coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities; and		BMP 5A	33	
E.5.i.(5)	A confirmation statement that the permittee electronically reported BMPs using the DEQ BMP Warehouse in accordance with Part I E 5 g and the date on which the information was submitted.		BMP 5F	35	
E.6.q.	The annual report shall include the following:	Good Housekeeping/Pollution Prevention			
E.6.q.(1)	A summary of any operational procedures developed or modified in accordance with Part I E 6 a during the reporting period;		BMP 6A	36	
E.6.q.(2)	A summary of any new SWPPPs developed in accordance Part I E 6 c during the reporting period;		BMP 6B	37	
E.6.q.(3)	A summary of any SWPPPs modified in accordance with Part I E 6 f or the rationale of any high priority facilities delisted in accordance with Part I E 6 h during the reporting period;		BMP 6B	37	
E.6.q.(4)	A summary of any new turf and landscape nutrient management plans developed that includes:		BMP 6E	40	
E.6.q.(4)(a)	Location and the total acreage of each land area; and		BMP 6E	40	

9VAC25-890-40. General permit.			Loudoun County		
Location	Language	Note	Annual Report Section	Page	Notes
E.6.q.(4)(b)	The date of the approved nutrient management plan; and		BMP 6E	40	
E.6.q.(5)	A list of the training events conducted in accordance with Part I E 6 m, including the following information:		BMP 6H	43	
E.6.q.(5)(a)	The date of the training event;		BMP 6H	43	
E.6.q.(5)(b)	The number of employees who attended the training event; and		BMP 6H	43	
E.6.q.(5)(c)	The objective of the training event		BMP 6H	43	
Part II. TMDL Special Conditions			BMP 6H	43	
A.	Chesapeake Bay TMDL special condition.				
A.13.	For each reporting period, the corresponding annual report shall include the following information:				
A.13.a.	A list of BMPs implemented during the reporting period but not reported to the DEQ BMP Warehouse in accordance with Part I E 5 g and the estimated reduction of pollutants of concern achieved by each and reported in pounds per year;		BMP F	12	
A.13.b.	If the permittee acquired credits during the reporting period to meet all of a portion of the required reductions in Part II A 3, A 4, or A 5, a statement that credits were acquired;		BMP F	12	
A.13.c.	The progress, using the final design efficiency of the BMPs, toward meeting the required cumulative reductions for total nitrogen, total phosphorus, and total suspended solids; and		BMP F	13	
A.13.d.	A list of BMPs that are planned to be implemented during the next reporting period.		BMP F	12	
B.	Local TMDL special condition				
B.9.	For each reporting period, each annual report shall include a summary of actions conducted to implement each local TMDL action plan.		BMP G	16	
C.	Reporting monitoring results.		NA	NA	
C.1	The operator shall submit the results of the monitoring as may be performed in accordance with this state permit with the annual report unless another reporting schedule is specified elsewhere in this permit.		NA	NA	

Part I: Discharge Authorization and Special Conditions

Part I of the MS4 General permit requires the MS4 operator to develop an MS4 Program Plan (Part 1 C), develop and submit an Annual MS4 Report (Part 1 D), and comply with the six (6) Minimum Control Measures (Part 1 E). The following sections of this annual report show how Loudoun County satisfied these permit conditions for the reporting period July 1, 2022, to June 30, 2023 (Year 5).

BMP A: Develop an MS4 Program Plan

Permit Section: Part I C1

Loudoun County developed and implemented an MS4 Program Plan that includes all permit parameters.

The Program Plan is dated May 1, 2019, and was posted to the Loudoun County stormwater website prior to May 30, 2019. A copy of the Program Plan was provided in Year 1 annual report.

BMP Status: This BMP is complete.

BMP B: MS4 Program Plan Development Schedule

Permit Section: Part I C3

Loudoun County was previously covered under the General VPDES Permit that was effective July 1, 2013. Therefore, Loudoun County was required under this section to develop a revised MS4 Program Plan no later than six (6) months after the effective date of the current MS4 permit (May 1, 2019), and to post the revised Program Plan to the website within 30 days of completion.

The revised Program Plan was dated May 1, 2019 and posted to the Loudoun County stormwater website prior to May 30, 2019.

BMP Status: This BMP is complete.

BMP C: Revisions to the MS4 Program Plan

Permit Section: Part I C4

The Program Plan shall be reviewed annually to ensure that all the BMPs are still achieving their intended goals. All Program Plan changes will be summarized in the annual report and the Program Plan amended as needed.

In Year 1 the Program Plan was updated. Each following permit year, the Program Plan will be reviewed and all updates shall be summarized in the annual report.

In Year 5, the Program Plan was reviewed and updated as needed, with no significant changes made. See Appendix A for the updated Program Plan, dated November 1, 2022 (version 5).

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP D: Develop and Submit an Annual Report to DEQ

Permit Section: Part I D1, D2, D3, and D4

Loudoun County will develop an MS4 Annual Report that summarizes permit compliance for the permit period; July 1 through June 30. The Annual Report will be submitted to DEQ by October 1 of each permit year.

This report satisfies this requirement.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP E: Evaluate Effectiveness of Program BMPs

Permit Section: Part I D2(e)

The County will ensure that, to the Maximum Extent Practicable (MEP), all program BMPs are achieving the objectives intended and to correct identified deficiencies and/or inefficiencies.

Each program BMP will be evaluated and critiqued annually to determine its effectiveness in achieving its stated objective, with recommendations for continuance or revision provided.

In Year 5, all BMPs were evaluated and all BMPs remained effective. The Program Plan was updated (Appendix A) and had no significant changes.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP F: Status Report on the Implementation of the Chesapeake Bay TMDL Action Plan

Permit Section: Part I D4; Part II A13(a)

The annual report shall include a status report on the implementation of the Chesapeake Bay TMDL action plan in accordance with Part II A of the permit including any revisions to the plan.

The original Phase II Chesapeake Bay TMDL Action Plan was completed on November 1, 2019. The Phase II Action was updated during Year 4 to provide a revised list of proposed projects and an update of the calculation to reflect the DEQ Guidance Memo No. 20-2003. Public notice for the revised plan was published on March 6, 2022.

A copy of the plan is available on the Loudoun County Stormwater website ([link](#)) or by contacting the Department of General Services by phone (703.777.0117) or email (stormwater@loudoun.gov).

As outlined in Part II A13(a), for this reporting period, all BMPs implemented were reported to the DEQ BMP Warehouse. The County continued working toward meeting the 40% pollution reduction requirements during Year 5 by working on the following BMPs:

1. Over-Treatment of stormwater management facilities. The County did not identify any BMPs with over treatment in Year 5. See summary table below for the total treatment for the permit cycle.

Permit Year	Reductions		
	TP / Yr	TN / Yr	TSS / Yr
Year 1	0	0	0
Year 2	0	0	0
Year 3	0	0	0
Year 4	0	0	0
Year 5	0	0	0

2. Stormwater retrofit projects. To date, the County has completed four retrofit projects (see table below).

Project Name	Project Type	Status	Reductions		
			TP lbs / Yr	TN lbs / Yr	TSS lbs / Yr
Loudoun Valley Estates III	Constructed Wetland	Complete May 2020	23.5	208.9	10,465
Goose Creek Debris Removal	Stream Restoration	Complete September 2020	26.20	56.88	49,898.8
Yorktown Court	Pond Retrofit	Complete September 2021	3.76	73.78	9,468.56
Willow Lake	Outfall Restoration	Complete Spring 2023	47.10	126.79	162,320.30
Total			100.56	466.35	232,152.66

3. Development of Nutrient Management Plans (NMP) outside of the MS4 (17.81 pounds TN, and 0.36 pounds of TP). The County has met 100% of this goal.
4. Septic System Disconnects. The County took credit for septic disconnects. In Year 5, the County obtained a comprehensive list of septic system disconnects from the Loudoun County Health Department. The list included disconnects from January 1, 2006 through FY2023. The list was cross-checked with the County's MS4 service area using GIS. This resulted in disconnects on parcels completely within the MS4, disconnects on parcels intersecting the MS4, disconnects on parcels outside of the MS4, and disconnects with unknown locations.
5. Nutrient Purchases. The County purchased credits in Years 1 through 4 as indicated below. The County did not purchase credits in Year 5.

Permit Year	Reductions		
	TP lbs / Yr	TN lbs / Yr	TSS lbs / Yr
Year 1	30	182.66	3,894.79
Year 2	30	193.8	2,710.77
Year 3	30	173.7	2,546.63
Year 4	30	98.28	47,811.62
Year 5	0	0	0
Total	120	648.44	56,963.81

6. Landuse Changes. To date, including the previous permit cycles, the County's landuse conversion projects total the amounts listed in Table 1. The table below summarizes the County's landuse conversion projects in this permit cycle, which consisted of two (2) conversion projects. There were no land conversion projects completed in Year 5.

Project Name	Project Type	Status	Acres	Reductions		
				TP lbs / Yr	TN lbs / Yr	TSS lbs / Yr
South Riding	Turf to forest	Complete	2.0	2.92	11.16	1,114.00
Loudoun Valley Estates III	Turf to forest	Complete	1.0	1.46	5.58	557.00
Total			3.0	4.38	16.74	1,671.00

Table 1 below summarizes Loudoun County's efforts to meet the 40% target reduction goal. We are on track to meet the total reduction for Total Phosphorus and Total Nitrogen.

Table 1: Summary of Status Towards Reaching the 40% Pollution Reductions

	Total Nitrogen (lbs./year)	Total Phosphorus (lbs./year)	Total Suspended Solids(lbs./year)
Existing Source Reduction to Meet 40%	6,214.46	723.18	600,725.96
+ New Source Offsets	-	-	-
+ Grandfathered Offsets	-	-	-
+ Total Required Reductions and Offsets	6,214.46	723.18	600,725.96
- Total BMPs Prior to July 1, 2023	7,076.38	830.95	698,921.33
- Over-Treatment of stormwater management facilities	2,617.88	516.07	360,556.56
- Stormwater Retrofit projects	835.75	169.75	210,730.13
- Development of NMP outside of the MS4	17.81	0.36	0
- Septic System Disconnects	2,869.50	0	0
- Nutrient Credit Purchase	648.44	120.00	56,963.81
- Land Use Changes	87.01	24.77	9,385.30
= Remainder/(Excess) Toward 40% Target	(861.92)	(107.77)	(98,195.37)
% Achieved Toward 40% Cumulative Reductions	113.9%	114.9%	116.3%

Per the new Phase II MS4 permit, an updated Phase III Chesapeake Bay TMDL Action Plan will be developed during the next permit cycle.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP G: Status Report on the Implementation of the Local TMDL Action Plans

Permit Section: Part I, D5

As outlined in the MS4 4 permit, the local TMDL action plan was required to be updated and submitted to DEQ no later than May 1, 2020. In addition, there was a requirement to make the plan available for public comment no less than 15 days prior to submittal to DEQ. The revised plan was submitted to DEQ on May 1, 2020. The draft plan was posted to the stormwater website on April 16, 2020, and the public was given the opportunity to provide comments on the plan.

The local TMDL action plan was updated on October 31, 2021, in response to comments that were received from DEQ on September 17, 2021.

A copy of the plan is available on the Loudoun County Stormwater website ([link](#)) or by contacting the Department of General Services by phone (703.777.0117) or email (stormwater@loudoun.gov).

In Year 4, the county completed a review of County facilities that might be a significant source of pollutants. The finding area document in the *Loudoun County Total Maximum Daily Load (TMDL) Municipal Facility Assessments*, dated June 2022. A copy of this report is available by contacting the Department of General Services by phone (703.777.0117) or email (stormwater@loudoun.gov).

The Local TMDL Action Plan identifies the following actions:

Sediment Reductions

Goose Creek

Murray's Ford Bridge Project	Complete
Phil Bolen Stream Restoration	Dropped
Goose Creek Bridge Removal Project (this project replaced the Phil Bolen project)	Complete
Landuse Change at the Landfill	Complete

Bull Run

Conklin Park Retrofit (JC77)	Design Year 5
Conklin Park Wetland Retrofit	Design Year 5
Conklin Park Stream Restoration	Next Permit Cycle
Dulles South Retrofit	Next Permit Cycle

Bacteria Reductions

The Bull run segment identified in the TMDL was delisted as an impairment for bacteria. The segment remains delisted as of the 2018 Virginia Water Quality Assessment. Therefore, the strategies outlined in the TMDL Action Plan are designed to prevent re-listing of the impairment.

The Sugarland Run watershed was identified in the TMDL as an impairment for bacteria. In summary, the Sugarland Run TMDL addressed 5.72 miles of bacterial impairment located between Folly Lick Branch and the Potomac River. Five (5) County facilities in the Sugarland Run watershed were selected for a visual site assessment to identify significant sources of bacteria. No significant sources of bacterial discharge were observed. The Sugarland Run TMDL Municipal Facility Assessments are included under Local TMDL Action Plan for bacterial reductions.

The table below (Table 2), from the Local TMDL Action Plan identifies a series of action items, the schedule for these actions and a summary of actions taken in Year 5.

Table 2: Status of Bacteria TMDL - Permit Year 5

Action Item	Description	Schedule	Year 2 Summary
Public Education and Action Plan	<ul style="list-style-type: none"> 4.1.1 – Distribute English and Spanish versions of the “Scoop the Poop” brochure. 4.1.2 – Participate in the Northern Virginia Clean Water Partners multi-media pollution prevention campaign. 	In accordance with the schedule	Complete. See MCM 1 for details.

Action Item	Description	Schedule	Year 2 Summary
	<ul style="list-style-type: none"> 4.1.3 – Establish dog waste stations and signage at County parks. 4.1.4 – Distribute leash dispensers and written materials to individuals who adopt dogs from a County facility or event. 	contained in the PEOP.	
MS4 Program Plan	<ul style="list-style-type: none"> MCM #1 – Public Education and Outreach BMPs MCM #2, BMP 2A – Public Involvement and Participation BMPs MCM #3 – Illicit Discharge Detection and Elimination 	Ongoing in accordance with the MS4 Program Plan.	Complete. See BMP B for details.
	<ul style="list-style-type: none"> MCM #6, BMP 6H – Field Staff Training 	Every 24 months in accordance with the MS4 Program Plan	Complete. See MCM 6 for details.
Chesapeake Bay TMDL Action Plan	<ul style="list-style-type: none"> Track septic system conversions. 	In accordance with the schedule contained in the Chesapeake Bay TMDL Action Plan.	Complete. See BMP F.
Northern Virginia Clean Water Partners	<ul style="list-style-type: none"> Regional public education media campaign targeting dog owners. 	Ongoing in accordance with the MS4; assessment of effectiveness annually with DEQ annual report.	Complete. See MCM 1 for details.
Implement Legal Authorities	<ul style="list-style-type: none"> Pet Waste Removal – Section 612.19 County Code Leash Law – Section 612.13 County Code Connections to Sanitary Sewer – Section 1064.4 County Code Septic Tank Pump Outs – Section 1066.07(b) County Code 	Ongoing.	Complete.
Pet Waste Stations and Signage	<ul style="list-style-type: none"> Maintain pet waste stations and signage at Byrne's Ridge Park, Conklin Community Park, Dulles South Multi-Purpose Facility, South Riding Park, and Sugarland Run 	Ongoing in accordance with Section 4.1.3 of the PEOP.	Complete. See MCM 1 for details.
	<ul style="list-style-type: none"> Assess whether to install additional pet waste stations and signage at Gwen Thompson Briar Patch Park, Potomac Lakes Sports Complex, and Sugarland Run Stream Valley Park. Implement where determined to be beneficial. 	During FY2021; report findings to DEQ in the	Complete.

Action Item	Description	Schedule	Year 2 Summary
		FY2021 annual report.	
County Facility Assessments	<ul style="list-style-type: none">Conduct on-site assessments of County properties identified as having high risk factors for bacteria in Table 3.D.	During FY2022; report findings to DEQ in the FY2022 annual report.	Complete.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

MCM 1: Public Education and Outreach BMPs

BMP 1A: Revise the Public Education and Outreach Program

Permit Section: Part I E1(a)

The County shall implement a Public Education and Outreach Program (PEOP) designed to:

1. Increase the public's knowledge of how to reduce stormwater pollution, placing priority on reducing impacts to impaired waters and other local water pollution concerns;
2. Increase the public's knowledge of hazards associated with illegal discharges and improper disposal of waste, including pertinent legal implications; and
3. Implement a diverse program with strategies that are targeted toward individuals or groups most likely to have significant stormwater impacts.

The PEOP developed under the previous permit, dated May 2016, shall be updated to meet the current permit requirements.

During Permit Year 1, the PEOP was updated to meet the current permit requirements and a copy was provided in the Year 1 annual report.

During Year 2 the PEOP was implemented as outlined below and all goals were achieved.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP 1B: Selection of High-Priority Stormwater Issues

Permit Section: Part I E1(b)

As part of the development the PEOP (BMP 1A), the County shall identify no less than three high-priority stormwater issues to meet the goal of educating the public to the MEP.

The County selected the following high-priority stormwater issues to meet the goal of educating the public:

- Bacteria Impacts on Water Quality;
 - Illicit Discharges;
 - Nutrient Impacts on Water Quality; and
 - Sediment Impacts on Water Quality.
-

The rationale behind the selection of these issues is discussed in detail in the PEOP.

In Year 5, these high-priority stormwater issues were reviewed and determined to be issues that still need public education and outreach.

BMP Status: Year 1 the revised PEOP identified the high-priority stormwater issues
Year 2 these high- priority stormwater issues remain unchanged
Year 3 these high- priority stormwater issues remain unchanged
Year 4 these high- priority stormwater issues remain unchanged
Year 5 these high- priority stormwater issues remain unchanged

BMP 1C: Elements to Include in the PEOP

Permit Section: Part I E1(c)

The high-priority public education and outreach program shall include the following:

1. Clearly identify the high-priority stormwater issues;
2. Explain the importance of the high-priority stormwater issues;
3. Include measures to actions the public can take to minimize the impact of the high-priority stormwater issues; and
4. Provide a contact and telephone number, website, or location where the public can find out more information.

The PEOP includes all the required elements.

BMP Status: This BMP is complete.

BMP 1D: Communicate High-Priority Stormwater Issues

Permit Section: Part I E1(d)

This section of the GP requires the use of two (2) or more of the strategies listed in Table 1 of the MS4 General Permit (Figure 1) per year to communicate to the public the high-priority stormwater issues identified in accordance with Part I E1(b), including how to reduce stormwater pollution.

The Loudoun County PEOP was revised during Permit Year 1 to include all the parameters outlined within this GP section. The PEOP will continue to be implemented in the following permit years.

Table 1 Strategies for Public Education and Outreach	
Strategies	Examples (provided as examples and are not meant to be all inclusive or limiting)
Traditional written materials	Informational brochures, newsletters, fact sheets, utility bill inserts, or recreational guides for targeted groups of citizens
Alternative materials	Bumper stickers, refrigerator magnets, t-shirts, or drink koozies
Signage	Temporary or permanent signage in public places or facilities, vehicle signage, bill boards, or storm drain stenciling
Media materials	Information disseminated through electronic media, radio, televisions, movie theater, or newspaper
Speaking engagements	Presentations to school, church, industry, trade, special interest, or community groups
Curriculum materials	Materials developed for school-aged children, students at local colleges or universities, or extension classes offered to local citizens
Training materials	Materials developed to disseminate during workshops offered to local citizens, trade organization, or industrial officials

Figure 1: MS4 General Permit Table 1.

Traditional Written Materials

In the previous permit, the County developed the following written materials in English and Spanish, which will continue to be use throughout this permit cycle:

- “A Resident’s Guide to Sediment Reduction for a Cleaner Environment” brochure;
- “Good Cleaning Practices for the Food Industry” poster;
- “Good Cleaning Practices for Pool Operations” poster;
- “Good Cleaning Practices for Outdoor Washing Activities” poster;
- “Good Cleaning Practices for Vehicle Equipment Repair” poster; and
- “A Business and Homeowner’s Guide to Loudoun County’s Illicit Discharge Program” brochure.

The materials are provided to homeowners and HOAs upon request and are also utilized to help promote good housekeeping practices. These can be found on the stormwater website (www.loudoun.gov/stormwater).

Stormwater-related brochures are typically distributed to established standard delivery points three (3) times during the permit year. The distributions will be done at four (4) County library locations (Cascades, Ashburn, Sterling, and Gum Springs). Materials will also be provided at the Public Information Office located in the County’s Government Center. Generally, there are 15-20 brochures provided at each location.

The following brochures were provided at the noted locations in Year 5:

- “A Resident’s Guide for a Cleaner Environment;”
- “A Resident’s Guide to Lawn Care for a Cleaner Environment;”
- “A Resident’s Guide to Automotive Care for a Cleaner Environment;” and
- “Scoop the Poop.”

Additionally, 200 sets of dog waste bags were provided to the County’s animal shelter for distribution with new pet adoptions in Year 5.

Media Materials

As members of the Northern Virginia Clean Water Partners (NVCWP), the County participates in the annual regional stormwater education campaign “Only Rain Down the Storm Drain”. This partnership provides consistent messaging on a variety of stormwater topics such as fertilizer and pesticide use, pet waste disposal, and motor oil recycling.

During Permit Year 5, the NVCWP continued a series of public service announcements (PSAs), which were broadcasted on a variety of regional cable TV channels, in both English and Spanish, banner ads on the internet and social media marketing. The campaign started in April 2013 and features the a rubber duckie, a well-known national symbol of non-point source pollution. Listed below are the regional results of this effort. Additional details are included in Appendix C.

Total Household Television Impressions	865,060
Total social media impressions (Facebook and Twitter)	825,685
Engagements with social media posts (Facebook and Twitter)	22,151
Visits to the website (www.onlyrain.org)	2,256
Survey Responses	596

Additionally, the County maintains a stormwater website (www.loudoun.gov/stormwater) as outlined in BMP 2B.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

MCM 2: Public Involvement and Participation BMPs

BMP 2A: Public Involvement and Participation Procedures

Permit Section: Part I E2(a)

Under this GP requirement, the County is required to develop and implement procedures for the following:

1. Reporting mechanism for the public to report, at a minimum, the following:
 - a. Illicit discharges, improper disposal, or spills to the MS4
 - b. Complaints regarding disturbing activities
 - c. Other stormwater pollution concerns;
2. Public input on the MS4 Program Plan;
3. Receiving public input or complaints;
4. Responding to public input received on the MS4 Program Plan or complaints; and
5. Maintaining documentation of public input received on the MS4 program and associated MS4 Program Plan and the County's response.

The County has several reporting mechanisms available to the public for notification of illicit discharges, improper disposal, spills, complaints regarding land disturbing activities, stormwater pollution concerns, public input and comments. These are listed below:

- Loudoun Express Request (LEx). This is a web-based system that allows the public to submit a request to the county via a computer or mobile application ([link](#)).
- Loudoun County Stormwater website – www.loudoun.gov/stormwater ([link](#))
- Loudoun County Stormwater Complaint line – 703.777.0117
- Email the Loudoun County Stormwater Team – stormwater@loudoun.gov
- Email the Department of Building and Development – bad@loudoun.gov
- Building and Development Engineering hotline – 703.777.0220



In Year 1, the County documented its procedures for receiving public input for the Program Plan and complaints in a memo titled "Procedures for Public Involvement and Participation in the Stormwater Program", Version 1, dated 8/21/2019.

Through the reporting mechanisms listed above, public citizens were able to utilize these programs to report illicit discharges, improper disposal, spills to the MS4 and other observations and/or comments to the Stormwater Team. The County documented the procedures taken to investigate each case and, if applicable, eliminate the source of pollution discharging to the MS4. The public's ability to report and educate themselves on stormwater discharges improves water quality within their communities in the MS4.

During this reporting period, there were no comments received on the Program Plan. Notably, the County received multiple phone calls and reports from the public notifying the County of suspected illicit discharges. This report includes a summary of each investigation (Appendix F). See BMP 3F for additional information.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP 2B: Develop and Maintain a Stormwater Website

Permit Section: Part I E2(b)

The County shall develop and maintain a website dedicated to the MS4 Program and stormwater pollution prevention. The following information shall be posted to the webpage:

1. The effective MS4 permit and coverage letter;
2. The most current MS4 Program Plan;
3. The annual report for each year of the term covered by the permit not later than 30 days after submittal to DEQ;
4. A mechanism for the public reporting as outlined in BMP 1B above; and
5. Methods for how the public can provide input into the MS4 program plan.

Loudoun County developed a dedicated stormwater website (www.loudoun.gov/stormwater) and continues to update the website as needed ([link](#)). The following information is posted to the website:

1. The effective MS4 permit and coverage letter, dated October 31, 2018;
2. The most current MS4 Program Plan;
3. The annual report for each year of the term covered by the permit, not later than 30 days after submittal to DEQ;
4. A mechanism for public reporting, as outlined in BMP 1B (LEx); and
5. Methods for how the public can provide input into the MS4 Program Plan (see BMP 1B).

The development of the County's stormwater website enables the public to view the County's MS4 Program Plan and Annual Reports, providing a platform for public input. The public's ability to report and educate themselves on stormwater discharges improves water quality within their communities in the MS4.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP 2C: Public Involvement Opportunities

Permit Section: Part I E2(c)

The County shall implement four (4) activities a year from two (2) or more of the categories listed in the general permit, Table 2 (see Figure 2).

The County conducted four (4) activities during the permit cycle that involved the public. These are summarized below and include educational events, disposal events, and pollution prevention.

Table 2 Public Involvement Opportunities	
Public involvement opportunities	Examples (provided as example and are not meant to be all inclusive or limiting)
Monitoring	Establish or support citizen monitoring group
Restoration	Stream or watershed clean-up day, adopt-a-water way program,
Educational events	Booth at community fair, demonstration of stormwater control projects, presentation of stormwater materials to schools to meet applicable education Standards of Learning or curriculum requirements, watershed walks, participation on environmental advisory committees
Disposal or collection events	Household hazardous chemicals collection, vehicle fluids collection
Pollution prevention	Adopt-a-storm drain program, implement a storm drain marking program, promote use of residential stormwater BMPs, implement pet waste stations in public areas, adopt-a-street program.

Figure 2: MS4 General Permit Table 2.

Household Hazardous Waste Collection Events

Household hazardous waste collection events are held periodically throughout the year on weekends at various locations throughout the County. During these events, residents are encouraged to collect household hazardous wastes from around their home and drop them off at the event site. The drop off is free to the homeowner. Table 3 below lists the household hazardous waste events held in Permit Year 5.

Table 3: Household Hazardous Waste Events - Permit Year 5

Date	Location	Number of Participants	Tons Collected
July 30, 2022	Lovettsville Elementary School	250	10.3
September 17, 2022	Harmony Park and Ride, Hamilton	275	10.8
October 15, 2022	Leesburg Park and Ride, Leesburg	325	10.5
November 19, 2022	Claude Moore Park, Sterling	370	10.4
March 18, 2023	Leesburg Park and Ride, Leesburg	350	11.0
April 15, 2023	Harmony Park and Ride, Hamilton	500	19.0
May 13, 2023	One Loudoun Park and Ride, Ashburn	600	13.3
June 24, 2023	Freedom High School, South Riding	500	13.8
Total		3,170	99.1

Storm Drain Marking Program

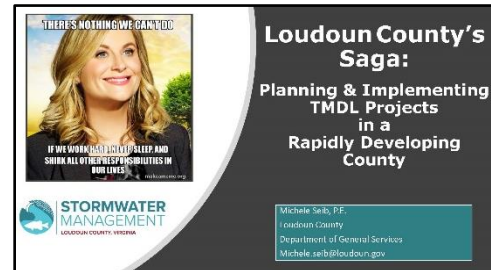
Loudoun County began a storm drain marking program where interested parties can obtain “No Dumping” markers and a detailed installation guideline, as well as a geographic area in need of marking. These projects are typically done by youth group organizations as part of community service projects.

In Year 5, a total of 1,033 storm drain markers were distributed to various groups that conducted storm drain marking projects throughout the County. To date, the program has installed approximately 15,133 storm drain markers.

Presentations

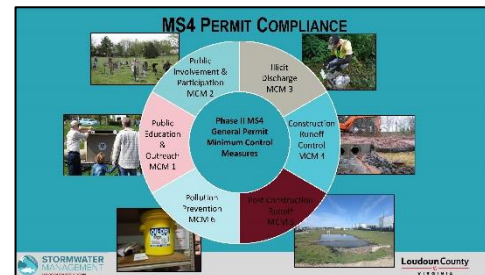
There were several presentations made by members of the Stormwater Team, please see details below:

The Virginia Lakes and Watershed Association annual conference was held on March 5th – 7th in Richmond, VA. Five (5) staff members attended and one (1) member presented a presentation titled “Adventures of Finding, Planning, Designing and Constructing TMDL Projects in a Rapidly Developing County.”



One (1) staff member met with middle school kids who participated in the KidWind Challenge at Mercer Middle School on January 5, 2023. Groups of students were tested on their design and problem-solving skills in the areas of renewable energy such as hydropower, solar energy and wind energy.

On April 20, 2023, one (1) staff member presented a presentation titled “Inspecting and Maintaining a Stormwater System in a Rapidly Urbanizing County” to the Virginia Water Environment Association (VWEA). The presentation focused on the rapidly increasing development of stormwater infrastructure in the County and the responsibilities that the County’s stormwater team is responsible for, including budgeting, permitting and maintenance.

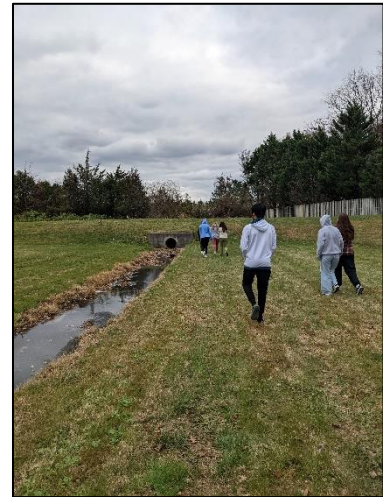


On May 23, 2023, one (1) staff member presented a presentation to the 6th grade class at Farmwell Middle School on stormwater engineering. The students learned the basics of hydrology, types of BMPs, and stormwater quantity vs. quality control. The presentation ended with various types of careers in stormwater, as well as other types of engineering related to stormwater field.



One (1) staff member presented a presentation on the County’s efforts to meet sediment and nutrient reduction requirements at the Metropolitan Washington American Council of Engineering Companies (ACEC/MW) Chesapeake Bay TMDL Forum on May 9, 2023. The presentation was given to consultants from local engineering firms in the Metro Washington area.

Two (2) staff members gave a stormwater presentation to several Environmental Science classes over the span of two (2) days at Heritage High School. The students learned the basics of hydrology, types of BMPs, and stormwater quantity vs. quality control. The presentation also included an outdoor walk with the students to study their existing dry pond located on the school's property.



One (1) staff member prepared information on Watershed Management and had an information station at the Loudoun County Energy and Environment Forum on May 11, 2023. The forum featured information stations where members of the public learned about ongoing activities in the areas of energy and environment. The public was able to provide comments and view presentations on related topics.

YSEALI is the U.S. Government's signature program to strengthen leadership development and networking in Southeast Asia in civic engagement, economic empowerment, education and environmental issues. The tour focused on Loudoun's constructed wetland project, and staff was able to share how Virginia and Loudoun is working to improve water quality in the Chesapeake Bay. The YSEALI Fellows were able to share some innovative treatment practices from their home countries with staff as well as discuss the differences between constructed wetlands in support of water quality from runoff and constructed wetlands in support of water quality from wastewater treatment.



The County's implementation of educational events to the community listed in this section ensures that more citizens in the communities take proper actions that directly protect and improve water quality downstream in their stormwater systems.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

MCM 3: Illicit Discharge Detection and Elimination

BMP 3A: Develop an Accurate MS4 Map

Permit Section: Part I E3(a)1

The county shall develop and maintain an accurate MS4 Map of the stormwater system. Loudoun County utilizes various GIS data layers for all stormwater asset management. Every 6 months, in January and June, a copy of the MS4 map will be generated utilizing the most up to date versions of the stormwater GIS data layers, as outlined below.

1. A map of the stormwater system owned or operated by the permittee within the Census Urbanized Area identified by the 2010 decennial census that includes:
 - a. MS4 outfalls discharging to surface waters;
 - b. A unique identifier for each mapped item;
 - c. The name and location of receiving waters to which the MS4 outfall or point of discharge discharges;
 - d. MS4 regulated service area; and
 - e. Stormwater management facilities owned or operated by the permittee.

In Year 5, the County updated its web-based map. The map is accessible from this [link](#).

In addition, the County was required to submit a GIS-compatible shape file of the MS4 map by July 1, 2021 [Part I E3(a)3]. This was submitted to DEQ on September 20, 2021.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP 3B: Maintain MS4 Outfall Data Information Table

Permit Section: Part I E3(a)2

The County will maintain specific and required information related to each MS4 outfall and conduct annual updates to the County's outfall data table that includes the following information for each outfall or point of discharge:

1. A unique identifier as specified on the stormwater system map;
2. The latitude and longitude of the outfall or point of discharge;
3. The estimated regulated acreage draining to the outfall or point of discharge;
4. The name of the receiving water;
5. The 6th Order Hydrologic Unit Code of the receiving water;
6. An indication as to whether the receiving water is listed as impaired in the Virginia 2016 305(b)/303(d) Water Quality Assessment Integrated Report;
7. The predominant land use for each outfall discharging to an impaired water; and

8. The name of any EPA approved TMDLs for which the permittee is assigned a waste load allocation.

The county updates the stormwater data when new mapping data is provided. The MS4 outfall data table is provided in Appendix D. The most up-to-date stormwater information can be obtained by contacting the Loudoun County Stormwater Team.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP 3C: Notification to Downstream MS4 Permit Holders of Interconnections.

Permit Section: Part I E3(a)5

The MS4 shall notify downstream MS4 operators, in writing, of any physical interconnections to the County's MS4. As required in Part I E3(d)2, the written notification to downstream interconnected MS4s will be provided upon request.

No additional interconnections with adjacent MS4s were added during this permit year. Notifications of previously known interconnections were submitted in Year 1 and again during this reporting period (Year 5). The list of MS4s interconnected with the Loudoun County MS4 are as follows; Fairfax County, Town of Herndon, Town of Leesburg, Washington Dulles Airport, Northern Virginia Community College, and VDOT.

During this permit cycle, there were no requests received for notification of downstream MS4 permittees.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP 3D: Written IDDE Procedures

Permit Section: Part I E3(c)

The MS4 shall develop written procedures to detect, identify, and address unauthorized non-stormwater discharges to the MS4. As required in Part I E3(d)3, the IDDE procedures will be provided upon request.

Written IDDE Procedures were developed to satisfy the previous MS4 GP. These procedures were followed in Year 1 and, concurrently, the County updated the IDDE procedures to comply with the new MS4 GP and were provided with the Year 1 annual report.

During Year 5, the County made no changes to its IDDE Procedure.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP 3E: Conduct System Screening for Illicit Discharge Detection

Permit Section: Part I, E3(c)2

The County shall develop a program to effectively and efficiently identify, to the MEP, illicit discharges to the County's MS4. In support of this goal the county conducts dry weather screening of MS4 outfalls per the established IDDE procedures.

The County conducted dry weather screening (Appendix E) on a total of 259 regulated MS4 outfalls. Of those outfalls investigated, 228 were found to be "clear" of dry weather flow, 9 were found to be "suspect-monitor", 13 were found to be "suspect-investigate", and 9 were found to be "illicit". To date, the suspect and illicit discharges have been reviewed. All illicit discharges have been eliminated or are under active investigations as outlined in the County's SOP.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP 3F: Investigate and Address Illicit Discharges

Permit Section: Part I E3(c)3-5

The County will utilize County's IDDE procedures to address suspected illicit discharges discovered through dry weather screening, observations of County staff, or calls and reports from the general public.

During Permit Year 5, 49 suspected illicit discharges were reported to DGS. To date, 45 of these reports have been resolved and 4 of these cases remain under investigation. This report includes a summary of each investigation (Appendix F) conducted and each summary includes the following details:

1. Date(s) suspected discharge observed and/or reported;
2. Results of the investigation, including the source, if identified;
3. Any follow-ups to the investigation;
4. Resolution of investigation; and
5. Date investigation completed/closed.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.

Year 4 activities complete.
Year 5 activities complete.

MCM 4: Construction Site Stormwater Runoff Control

BMP 4A: Administer County E&S Program

Permit Section: Part I E4(a)1 and E4(a)5

The County shall implement the VESCP consistent with the Virginia Erosion and Sediment Control Law (§ 62.1-44.15:51 et seq. of the Code of Virginia) and Virginia Erosion and Sediment Control Regulations (9VAC25-840). It shall be the goal of the County to maintain a rating of “consistent” for the County’s E&S Program during each permit cycle.

During the reporting period, the County remained fully consistent with the requirements of the Virginia Erosion and Sediment Control Law and Regulations, with the most recent rating of “consistent” issued via the Virginia Department of Conservation and Recreation (DCR) letter dated November 15, 2007, which is included in Appendix G.

Additionally, for this reporting period, Loudoun County has followed, to the MEP, all established department approved standards and specifications for erosion and sediment control for land disturbing projects that are covered by Virginia Erosion and Sediment Control Law and Regulations. During this reporting period, Loudoun County did not have any land disturbing projects that did not conform the County’s approved standards and specifications.

The County’s Department of Building and Development is responsible for administering the County’s E&S Program. Table 3 provides a summary of land-disturbing activities for Permit Year 5, as required by the Section of the GP.

Table 3: Summary of Land-Disturbing Activities - Permit Year 5

Item	Quantity (Period 7/1/2022-6/30/2023)
Total Number of E&S Inspections	14,561
Total Number of Enforcement Actions	34
Number of Notices to Comply	113
Number of Notices to Comply Corrected	113
Number of Stop Work Orders	32
Number of Stop Work Orders Corrected	13*
Number of Grading Permit Non-Filers Identified	26

* There are currently 13 Stop Work Orders that have not been completely satisfied to date, some of which have had an Administrative Order issued and are currently in line for the Violation Fining process, per 1220.12 Codified Ordinances.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP 4B: MCM 4 Items to Include in the Program Plan

Permit Section: Part I E4(c)

Part I E 4 c for the MS4 GP outlines specific elements that are to be included in the MS4 Program Plan. All requirements outlined in this section of the GP have been incorporated into the County's MS4 Program Plan (Appendix A).

The elements that are required to be incorporated are as follows:

1. The local ordinance for the Loudoun County Erosion and Sediment Program.
2. A description of the legal authorities utilized to ensure compliance with Part I E4.
3. Written inspection erosion and sedimentation control procedures.
4. Written erosion and sedimentation control enforcement procedures.
5. The roles and responsibilities of each of the permittee's departments in implementing the construction site stormwater runoff control requirements in Part I E4.

BMP Status: This BMP is complete.

BMP 4C: MCM 4 Items to Include in the Annual Report

Permit Section: Part I E4(d)

See BMP 4A above.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

MCM 5: Post-Construction Stormwater Management for New Development and Development on Prior Developed Lands

BMP 5A: Administer County VSMP Program

Permit Section: Part I, E5(a)1

The County will, to the MEP, administer its Virginia Stormwater Management Program (VSMP) consistent with all applicable state regulations. See Appendix H for the required written statement from the VSMP Administrator that the County was in compliance with Part I, E5(a)1.

BMP Status: Year 1 complete.
Year 2 complete.
Year 3 complete.
Year 4 complete.
Year 5 complete.

BMP 5B: Develop and Maintain Written Inspection and Maintenance Procedures for Stormwater BMPs

Permit Section: Part I, E5(b)1

In Year 1, the existing inspection and maintenance procedures were reviewed, revised, and a new procedures document was implemented, which is titled "*Stormwater Best Management Practice (BMP) Facility Inspection and Maintenance Procedure*, version 1, August 21, 2019." The updated procedure document was provided in the Year 1 Annual Report.

During Year 5, this document was reviewed, and no changes or updates were made.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP 5C: Inspect Permanent Post-Construction Stormwater BMPs

Permit Section: Part I E5(b)2

The County will perform annual inspections of the permanent post-construction stormwater management BMPs, either owned by the County or within the County, situated outside of the VDOT maintained right-of-way, Dulles Greenway property and right-of-way, Dulles International Airport property and right-of-way, the County's incorporated towns, and are not a separately permitted facility.

The County conducts annual inspections on post-construction stormwater BMPs in the MS4 service area. Structural inspections are conducted annually on 1/3 of the wet ponds and dry

ponds. Bioretention BMPs that have significant structural components also receive an annual structural inspection. All underground BMPs are structurally inspected annually. The remaining BMPs get a preventative maintenance inspection, which is separate from structural inspections. Preventative maintenance inspections are completed annually and are typically done by in-house crews and do not generate a report. The results of the Year 5 post-construction stormwater BMP inspections are summarized below, and the details of each inspection are provided in Appendix I.

In Year 5, structural inspections were conducted on 261 wet and dry ponds and 171 bioretention BMPs. There were also 168 underground inspections conducted. The remaining BMPs, received preventative maintenance inspections. A description of the significant maintenance/repair for the public BMPs is provided in Appendix I.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP 5D: Provide Long-Term Maintenance for Operator-Owned BMPs

Permit Section: Part I E5(b)3

The MS4 can provide for long-term maintenance, as necessary, so that the County has primary maintenance responsibility for permanent stormwater management facilities (SMFs) to ensure they are functioning to their original design capabilities. The County has documented all publicly owned SMFs that have received significant maintenance, repair and retrofits.

See BMP 5C for description of inspections conducted and Appendix I for a summary of details.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP 5E: Require Adequate Long-Term Maintenance for Privately Maintained BMPs

Permit Section: Part I E5(c)1 and Part I E5(a)2

Ensure, to the MEP, that permanent stormwater facilities for which the County does not have primary maintenance responsibility (i.e. private facilities) are receiving adequate long-term maintenance to function at their original design capability. All privately maintained BMPs found to be Not Functioning as Designed (NFAD) are notified via Certified Mail with a letter, an Inspection Report, a Required Maintenance List and a Location Map. These letters direct the owner to contact the County within 30 days with a plan and schedule for completing the required maintenance on their BMP. If necessary, the County will utilize enforcement procedures outlined

in Chapter 1096, Codified Ordinances of Loudoun County. See BMP 5C for description of inspections conducted and Appendix I for a summary of details.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP 5F: Maintain an Electronic Database of All Permanent Stormwater Management Facilities

Permit Section: Part I E5(d), (e), (f), and (g).

The County shall maintain an electronic database of all known SMFs (public and private). The database will include all SMFs implemented by the permittee to meet the Chesapeake Bay TMDL load reduction, as required in Part II A. The electronic database shall be updated no later than 30 days after a new stormwater management facility is brought online, a new SMF is implemented to meet a TMDL load reduction as required in Part II, or an existing SMF is discovered.

Loudoun County has maintained a GIS database of the stormwater infrastructure for many years. The County also has a program that identifies new areas of development and surveys the new stormwater infrastructure in those areas.

See BMP 5A above for the written conformation statement regarding the submittal of the required information into the Virginia Construction Stormwater General Permit database.

In accordance with Part I E5(g), the County electronically reported BMPs implemented between July 1 and June 30 using the DEQ BMP Warehouse on September 29, 2023.

BMP Status: Year 1 review completed.
Year 2 review completed.
Year 3 review completed.
Year 4 activities completed.
Year 5 activities completed.

BMP 6: Pollution Prevention/Good Housekeeping for Municipal Operations

BMP 6A: Maintain and Implement Written Procedures

Permit Section: Part I E6(a)

The County shall maintain existing written procedures and implement new procedures, as needed, at County-owned facilities within the MS4. The written procedures shall be designed as outlined in Part I E6(a).

The County currently maintains the list of Standard Operating Procedures (SOPs) provided in Table 4. In Year 4, the SOPs were reviewed, and no updates were required.

Table 4: List of Standard Operating Procedures

Name	Effective Date
Land Disturbance SOP	November 2019
Landscaping and Grounds Maintenance SOP	November 2019
Loading-Unloading Operations SOP	November 2019
Material Storage SOP	January 2021
Non-Stormwater Discharge SOP	November 2019
Pool Operation and Maintenance SOP	November 2019
Road, Street and Parking Lot Maintenance SOP	November 2019
Small Equipment Washing SOP	November 2019
Spill Response and Reporting SOP	November 2019
Storm Sewer Cleaning and Maintenance SOP	November 2019
Fueling SOP	November 2019
Vehicle and Equipment Repair and Maintenance SOP	November 2019
Vehicle and Equipment Parking and Storage SOP	November 2019
Vehicle Large Equipment Washing SOP	November 2019
Waste Management SOP	November 2019

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP 6B: Develop and Implement SWPPPs for Identified “High Priority” Facilities

Permit Section: Part I E6(c), (d), and (g)

The County will continue to implement the SWPPPs that were developed under the previous permit. The County shall also follow all parameters within each existing SWPPP. Table 6 lists the current Loudoun County SWPPPs and provides a summary of annual site inspections and findings from the inspections.

In Year 2, the SWPPP for the Fire and Rescue Training Academy was removed because they were no longer processing vehicles for training purposes. All vehicles provided for training purposes are delivered free of vehicle fluids. Loudoun County Fire and Rescue maintains a written Burn Plan for the operation of the Burn Building, located at the Training Academy. The plan outlines the required operation of a by-pass valve, which diverts water to the sanitary sewer system during training activities. The by-pass valve remains open to the stormwater system when there are no training activities occurring at the Burn Building.

Table 5: Loudoun County SWPPP Information – Year 5

Location	Annual Inspection date	Issues Observed	Actions Completed	SWPPP Revision Needed	SWPPP Revision Made	Additional notes
Central Warehouse & Maint. Facility	11/30/2021	Add mulch to the temporary wash pad	Mulch added	No	None needed	Verify that all field trucks have emergency spill kits
Potomack Lakes Sportsplex Maintenance Facility	12/7/2021	Flip the mulch in the wash pad and add new silt fence around the pad	Tasks completed as listed	Yes	8-2-2021 Equipment barn removed	Asked for notification from site manager when structures or buildings are updated
PRCS Claude Moore Park	12/6/2021	None	N/A	No	None needed	Well operated facility.
PRCS Trailview Maintenance Facility	12/26/2021	None	N/A	No	None needed	Facility is in good condition.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP 6C: Annual Review for New County Owned or Operated “High Priority” Facilities

Permit Section: Part I E6(e)

No later than June 30 of each permit year, the County shall conduct a review of County owned or operated facilities within the MS4 to determine if the facility has a high potential for discharging pollutants as described in Part I E6(c). If the facility is determined to be a high-priority facility with a high potential to discharge pollutants, they must develop a SWPPP for the facility that meets the requirements of Part I E6(d) no later than December 31 of the same permit year.

The County conducted a review of all County owned or operated facilities located within the MS4 boundary. There were no high-priority facilities added to the MS4 during Permit Year 5.

Copies of the SWPPPs are available by contacting the Department of General Services.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP 6D: SWPPP Review after Reports of Unauthorized Discharges

Permit Section: Part I E6(f)

The permittee shall review the contents of any site specific SWPPP no later than 30 days after any unauthorized discharge, release, or spill reported in accordance with Part III G to determine if additional measures are necessary to prevent future unauthorized discharges, releases, or spills. If necessary, the SWPPP shall be updated no later than 90 days after the unauthorized discharge.

During this reporting period, there were no unauthorized discharges to the MS4 at any of the County's SWPPP locations.

BMP Status: Year 1 activities complete.
Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP 6E: Maintain and Implement Turf and Landscape Nutrient Management Plans

Permit Section: Part I E6(i)

The permittee shall maintain and implement turf and landscape Nutrient Management Plans (NMPs) that have been developed by a certified turf and landscape nutrient management planner in accordance with § 10.1-104.2 of the Code of Virginia on all lands owned or operated by the permittee where nutrients are applied to a contiguous area greater than one (1) acre. If nutrients are being applied to achieve final stabilization of a land disturbance project, application shall follow the manufacturer's recommendations. The County will maintain current NMPs as applicable and conduct an annual review of county owned or operated facilities within the MS4 service area to establish the need for new NMPs.

During this permit cycle, the required plans were updated and the list of all NMPs is provided in Table 6, below. Two (2) new plans were added during this permit cycle.

Table 6: Identified Acres Requiring Turf and Landscape NMPs

Plan Name	Total Acres on Which Nutrients are Applied	Plan Start Date	Plan End Date	Location Address	Location Coordinates (NAD 83, Deg Min Sec)
Ashburn Library	1.05	9/24/2020	9/24/2025	43316 Hay Road Ashburn, VA 20147	39° 2' 45" -77° 30' 9"
Cascades Library and Senior Center	1.12	9/24/2020	9/24/2025	21030 Whitfield Place Potomac Falls, VA 20165	39° 1' 60" -77° 23' 41"
Bles Park	9.12	1/3/2022	4/1/2025	44830 Riverside Parkway, Ashburn, VA 20147	39° 04' 07" -77° 26' 57"
Byrnes Ridge Park	21.0	9/7/2022	9/7/2025	24915 Mineral Springs Circle, South Riding, VA 20105	38° 55' 43" -77° 33' 08"
Conklin Park	6.2	9/7/2022	9/7/2025	25701 Donegal Drive, Chantilly, VA 20152	38° 54' 29" -77° 31' 25"
Ray Muth Sr. Park	8.9	10/17/2022	10/17/2025	20971 Marblehead Drive, Ashburn, VA 20148	39° 2' 9" -77° 27' 38"
Scott Jenkins Park	14	10/17/2022	10/17/2025	39464 Colonial Highway, Hamilton, VA 20158	39° 8' 12" -77° 38' 20"
Trailside Park	6.1	9/21/2022	9/21/2025	Claiborne Parkway, Ashburn, VA 20147	39° 3' 8" -77° 30' 18"
Lyndora Park	5.3	9/22/2022	9/22/2025	Lucketts Bridge Circle, Ashburn VA, 20148	38° 59' 18" -77° 29' 31"
Greg Crittenden Memorial Park	3.9	9/21/2022	9/21/2025	21401 Windmill Dr, Ashburn, VA 20147	39° 1' 56" -77° 29' 49"
Chick Ford & Ryan Bickel Fields	3.2	9/21/2022	9/21/2025	21597 Ashburn Village Blvd, Ashburn, VA 20147	39° 1' 8" -77° 28' 51"
Claude Moore Park	14.9	10/17/2022	10/17/2025	46105 Loudoun Park Lane, Sterling, VA 20164	39° 0' 53" -77° 24' 15"

Plan Name	Total Acres on Which Nutrients are Applied	Plan Start Date	Plan End Date	Location Address	Location Coordinates (NAD 83, Deg Min Sec)
Potomac Lakes Sportsplex	20.6	10/17/2022	10/17/2025	20280 Cascades Parkway, Sterling, VA 20165	39° 3' 14" -77° 22' 42"
East Gate Park	3.4	9/7/2022	9/7/2025	43664 Tall Cedars Parkway, Chantilly, VA 20152	38° 54' 44" -77° 29' 33"
Dulles South PSC	1.6	6/2/2022	6/2/2025	25216 Loudoun County Prkwy Chantilly, VA 20152	38° 55' 10" -77° 31' 1"
Eastern Sheriff Substation	0.9	9/7/2022	9/7/2025	46620 E Frederick Drive Sterling, VA 20164	39° 0' 56" -77° 23' 14"
East Gate Park & Ride	1.8	7/5/2022	7/5/2025	43664 Tall Cedars Pkwy Chantilly, VA 20152	38° 54' 42" -77° 29' 30"
Harmony Park & Ride	1.3	6/2/2022	6/2/2025	39464 E Colonial Highway Hamilton, VA 20158	39° 8' 11" -77° 38' 6"
Kincora Fire Station	0.9	6/2/2022	6/2/2025	45900 Russel Branch Prkwy Ashburn, VA 20147	39° 1' 49" -77° 25' 59"
Lansdowne Fire Station	1.1	6/2/2022	6/2/2025	19485 Sandridge Way Leesburg, VA 20176	39° 4' 37" -77° 29' 1"
Moorefield Fire and Rescue	1.05	8/31/2022	8/31/2025	43495 Old Ryan Road Ashburn, VA 20148	39° 0' 32" -77° 29' 47"
Stone Ridge Park & Ride	1.0	8/31/2022	8/31/2025	24281 Millstream Drive Aldie, VA 20105	38° 56' 16" -77° 33' 21"
Western Sheriff's Office	1.6	5/10/2022	5/10/2025	47 West Loudoun Street Round Hill, VA 20141	39° 8' 1" -77° 46' 39"
Purcellville Fire Station	2.2	7/5/2022	7/5/2025	500 North Maple Avenue Purcellville, VA 20132	39° 8' 37" -77° 41' 49"
Middleburg Fire Station	0.6	8/31/2022	8/31/2025	910 West Washington Street Middleburg, VA 20117	38° 58' 3" -77° 44' 49"
Lovettsville Library	0.7	9/22/2022	9/22/2025	12 North Light Street Lovettsville, VA 20180	39° 16' 27" -77° 38' 9"
Loudoun Heights Fire Station	2.4	6/2/2022	6/2/2025	13345 Harpers Ferry Road Purcellville, VA 20132	39° 14' 55" -77° 43' 39"
Franklin Park	14.92	8/31/2022	8/31/2025	17501 Franklin Park Drive Purcellville, VA 20132	39° 7' 55" -77° 44' 38"
Ashburn Sheriff	1.8	6/2/2022	6/2/2025	20272 Savin Hill Drive Ashburn, VA 20147	39° 3' 13" -77° 27' 35"
Moorefield Sta. Community Park	27.3	8/31/2022	8/31/2025	43240 Clarendon Square Ashburn, VA 20148	38° 59' 47" -77° 30' 19"
Potomac Green Neighborhood Park	11.9	10/18/2022	10/18/2025	20750 Marblehead Drive Ashburn, VA 20147	39° 2' 33" -77° 27' 32"

BMP Status: Year 1 activities complete.

Year 2 activities complete.
Year 3 activities complete.
Year 4 activities complete.
Year 5 activities complete.

BMP 6F: Prohibition on the Use of Deicing Agents Containing Nitrogen or Phosphorus

Permit Section: Part I E6(k)

The permittee shall not apply any deicing agent containing urea or other forms of nitrogen or phosphorus to parking lots, roadways, and sidewalks, or other paved surfaces.

Loudoun County does not apply any deicing agent containing urea or other forms of nitrogen or phosphorus to parking lots, roadways, and sidewalks, or other paved surfaces.

BMP Status: This BMP is complete.

BMP 6G: Require Municipal Contractors to Use Appropriate Control Measures and Procedures for Stormwater Discharges

Permit Section: Part I E6(l)

Require, to the MEP, that municipal contractors use appropriate control measures and procedures for stormwater discharges to the County's MS4. Develop and include verbiage in the appropriate standard agreements for municipal contractors, requiring appropriate control measures/procedures and pollution prevention protocols for stormwater discharges to the County's MS4.

In Permit Cycle 2, Year 4 of a previous permit, DGS developed and implemented pollution prevention protocols for County contractors to protect water quality and added the following language to each scope of work for stormwater maintenance/restoration related projects:

The Contractor must:

1. Take every precaution to prevent the discharge of sediment from disturbed areas. The use of silt sox, silt fence, and dewatering geotextile bags shall be in place or used before the disturbance occurs.
2. Have spill containment materials onsite at all times to contain and prevent hydraulic fluid, and or fuel leaks, spills and accidental releases from contaminating the surrounding work environment. Leaking or nonfunctioning machinery and equipment must be promptly repaired or removed from the site.
3. Be responsible for concrete subcontractors to ensure disposal of waste or excess concrete is done in accordance with applicable laws and practices. This includes washing out of concrete trucks.
4. Contact the County Project Manager if questions or problems occur with the Pollution Prevention Requirements

BMP Status: This BMP is complete.

BMP 6H: Develop a Training Plan Associated with Stormwater

Permit Section: Part I E6(m)

During Year 1, the County developed a new training plan as outlined in Part I E6(m) and updated in Year 3.

The stormwater team coordinated Stormwater Pollution Prevention Plan (SWPPP) and Illicit Discharge Detection and Elimination (IDDE) training for County staff in December 2022. A total of 37 County staff attended one (1) of four (4) training sessions (Appendix J). The objective of this training was to educate applicable County staff from the Department of General Services (including Stormwater and Public Works) and Parks, Recreation and Community Services (PRCS) on MS4 Permit requirements, including HPFM-SWPPP requirements and associated pollution prevention/good housekeeping procedures and techniques, as well as the identification and internal reporting of illicit discharges.

The stormwater team also coordinated an annual BMP training on November 1, 2022, for 22 County staff from the Department of General Services, including Stormwater and Public Works. The objective of the BMP training was to educate applicable County staff on the basic design and typical maintenance items for various BMP types they may encounter as part of their responsibilities. See Appendix J for the attendance roster.

BMP Status: Year 1 completed the update of the new training plan.
Year 2 partially completed.
Year 3 completed.
Year 4 completed.
Year 5 completed.

Appendix A

Loudoun County MS4 Program Plan

LOUDOUN COUNTY SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STORMWATER MANAGEMENT PROGRAM PLAN

For July 2018 – June 2023



Loudoun County
Department of General Services
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801 Sycolin Road, S.E.
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Leesburg, VA 20175

Version 5
November 1, 2022

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Introduction / Overview

The following document represents Loudoun County's (County) Stormwater Management Program to comply with the Virginia General Permit for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems (MS4 General Permit). This MS4 Program enables the County to meet the following goals:

- Reduce the discharge of pollutants to the "maximum extent practicable" (MEP)
- Protect water quality
- Satisfy the appropriate water quality requirements of the State Water Control Law

The MS4 Program Plan addresses Parts I, II, and III of the MS4 General Permit.

To arrive at appropriate and cost-effective best management practices (BMPs), the County reviewed existing stormwater management operations, ordinances, and programming as they relate to the compliance requirements of the MS4 General Permit. Further, in consideration of Virginia's MEP threshold, the County examined each proposed BMP to determine whether the County had the legal, technical, administrative, and financial ability to ensure effective implementation. The County's financial considerations included potential budget implications for each proposed BMP, such as the resources required and any existing synergies between tasks. Based on those findings and current budget allocations, the County can support the Program through appropriations from the General Fund and the Capital Improvement Program.

For each selected BMP, the County has identified:

1. Roles and responsibilities
2. A description of the BMP or strategy
3. Applicable standard operation procedures
4. Measurable goals
5. The appropriate County department responsible
6. Applicable documents by reference

Existing Program

The County manages stormwater through a comprehensive local program featuring the following primary functions:

1. Design review and inspection of new construction
 - a. Ensures quality and quantity control of increased stormwater is adequately addressed
2. Erosion and sediment control/management on open construction sites
3. Virginia Stormwater Management Program (VSMP) Authority
4. Inspection, repair, and maintenance of existing stormwater facilities
5. Management of the MS4 Permit

The program is administered by two departments: Building and Development (B&D) and Department of General Services (DGS) with support from Fire and Rescue (Table 1). B&D performs design review/inspection of new construction and manages the Erosion and Sedimentation Control (E&S) Program. Since July 1, 2014, Loudoun County has been established as a VSMP Authority, and the VSMP Administrator is functionally located within B&D. DGS provides for inspection, repair, and maintenance of existing stormwater facilities and

manages the MS4 General Permit.

Stormwater Management is governed by a series of ordinances and documents referenced throughout this MS4 Program Plan (Appendix A) which guide the planning, development, implementation, maintenance, and enforcement of stormwater management practices and facilities within the County.

This program plan is divided into two Parts, which follow the corresponding Parts outlined in the MS4 General Permit. Each BMP described herein has noted the corresponding permit section for ease of cross-referencing.

Table 1: Loudoun County MS4 General Permit Program Areas

County Department	MS4 Roles and Responsibilities
Department of General Services (DGS)	Ensuring compliance with DEQ MS4 General Permit Development of and updates to the MS4 Program Plan Development of the MS4 Annual Reports Compliance with MCM 1 of the MS4 GP Compliance with MCM 2 of the MS4 GP Compliance with MCM 3 of the MS4 GP (see Fire and Rescue below) Compliance with MCM 5 of the MS4 GP (see B&D below) Compliance with MCM 6 of the MS4 GP Compliance with MS4 GP Part II – TMDL Special Conditions, Chesapeake Bay TMDL Compliance with MS4 GP Part II – TMDL Special Conditions, Local TMDL
Department of Building and Development (B&D)	Compliance with MCM 4 of the MS4 GP Compliance with MCM 5 of the MS4 GP (VSMP Authority)
Fire and Rescue Department	Compliance with MCM 3 of the MS4 GP. Fire and Rescue is responsible for emergency response and reporting related to discharges to the stormwater system that occur because of traffic accidents or hazardous materials response.

Part I: Discharge Authorization and Special Conditions

Part I of the MS4 General Permit requires the MS4 operator to develop an MS4 Program Plan (Part 1 C), develop and submit an Annual MS4 Report (Part 1 D), and comply with the 6 Minimum Control Measures (Part 1 E). These sections of the MS4 Program Plan outline how Loudoun County will comply with each of these permit requirements.

BMP A: Develop an MS4 Program Plan

Permit Section: Part I C 1

Objective: Develop and implement a MS4 Program Plan that includes the parameters specified in Part I C 1.

Measurable Goal: Development of the MS4 Program Plan.

Necessary Documents: MS4 General Permit.

Responsible Party: DGS shall be responsible for drafting and updating the MS4 Program Plan. See Table 1.

Schedule: May 1, 2019. The revised MS4 Program Plan shall be completed no later than six months after the effective date of the permit (6 months from November 1, 2018).

May 30, 2019. Due date to post the revised MS4 Program Plan to the Stormwater website.

Items to Report: Completed Program Plan.

BMP B: MS4 Program Plan Development Schedule

Permit Section: Part I C 3

Objective: Loudoun County was previously covered under the General VPDES Permit that was effective July 1, 2013. Therefore, Loudoun County is required under this section to develop a revised MS4 Program Plan no later than six months after the effective date of the current MS4 permit, which is May 1, 2019. In addition, within 30 days of completing the MS4 Program Plan, the plan shall be posted to the website.

Measurable Goal: Development of revised MS4 Program Plan.

Necessary Documents: MS4 General Permit (Appendix A).

Responsible Party: DGS (Table 1).

Schedule: May 1, 2019. The revised MS4 Program Plan shall be completed no later than six months after the effective date of the permit, which is November 1, 2018.

May 30, 2019. Due date to post the revised MS4 Program Plan to the Stormwater website.

Items to Report: Dates of plan completion and posting to the website.

BMP C: Revisions to the MS4 Program Plan

Permit Section: Part I C 4

Objective: Review the effectiveness of the MS4 Program Plan. The MS4 Program Plan shall be reviewed annually to ensure that all of the BMPs are still achieving their intended goals. All program plan changes will be summarized in the annual report and the MS4 Program Plan amended as needed.

Measurable Goal: Annual review of the MS4 Program Plan.

Necessary Documents: MS4 Program Plan.

MS4 Annual Report.

Responsible Party: DGS (Table 1).

Schedule: Each year, the MS4 Program Plan will be reviewed and all updates shall be summarized in the annual report.

Items to Report: Updates to the MS4 Program Plan shall be summarized in the annual report.

Method of Evaluation: Review of the MS4 Program Plan.

BMP D: Develop and Submit an Annual Report to DEQ

Permit Section: Part I D 1 and 2, 3, and 4

Objective: Develop an MS4 Annual Report that summarizes permit compliance for the permit period; July 1 through June 30. The MS4 annual report will be submitted to DEQ by October 1 of each permit year.

Measurable Goal: Annual report is completed and submitted to DEQ annually no later than October 1 of each year.

Necessary Documents: MS4 General Permit (Appendix A).

MS4 Program Plan.

Responsible Party: DGS (Table 1) shall be responsible for drafting and submitting the MS4 Annual Report to DEQ.

Schedule: MS4 Annual report will be submitted to DEQ on or before October 1 of each year each permit year.

Items to Report: Report items outlined in Part I D 2.

Method of Evaluation: Completion of the MS4 Annual Report.

BMP E: Evaluate Effectiveness of Program BMPs

Permit Section: Part I D 2 e

Objective: Ensure that, to the MEP, all program BMPs are achieving the objectives intended; to correct identified deficiencies and/or inefficiencies.

Measurable Goal: Each program BMP will be evaluated/critiqued annually to determine its effectiveness in achieving its stated objective, with recommendations for continuance or revision provided.

Necessary Documents: MS4 Program Plan.

Responsible Party: DGS (Table 1).

Schedule: The first evaluation shall be conducted during Permit Year 2 with future implementation through the end of the permit cycle.

Items to Report: The MS4 Annual Report will include when the evaluation was completed. It will also include a summary of any changes.

BMP F: Status Report on the Implementation of the Chesapeake Bay TMDL Action Plan

Permit Section: Part I D 4

Objective: The MS4 Annual Report shall include a status report on the implementation of the Chesapeake Bay TMDL Action Plan in accordance with Part II A of this permit including any revisions to the plan.

Measurable Goal: Annual reporting on the status of the Chesapeake Bay TMDL Action Plan.

Necessary Documents: Loudoun County Chesapeake Bay TMDL Action Plan (Appendix A).

Loudoun County Chesapeake Bay TMDL Action Plan, Phase II
(Appendix A).

Responsible Party: DGS (Table 1).

Schedule: Provide in each annual report.

Items to Report: Status on meeting the Chesapeake Bay reduction goals.

BMP G: Status Report on the Implementation of the Local TMDL Action Plans

Permit Section: Part I, D 5

Objective: The MS4 Annual Report shall include a status report on the implementation of the local TMDL action plans in accordance with Part II B including any revisions to the plan.

Measurable Goal: Annual reporting on the status of the local TMDL Action Plans.

Necessary Documents: Loudoun County Local TMDL Action Plans (Appendix A).

Responsible Party: DGS (Table 1).

Schedule: Provide in each annual report.

Items to Report: Status on meeting the local TMDL reduction goals.

MCM 1: Public Education and Outreach BMPs

BMP 1A: Revise the Public Education and Outreach Program

Permit Section: Part I E 1 a

Objective: The permittee shall implement a Public Education and Outreach Program (PEOP) designed to:

1. Increase the public's knowledge of how to reduce stormwater pollution, placing priority on reducing impacts to impaired waters and other local water pollution concerns;
2. Increase the public's knowledge of hazards associated with illegal discharges and improper disposal of waste, including pertinent legal implications; and
3. Implement a diverse program with strategies that are targeted toward individuals or groups most likely to have significant stormwater impacts.

The PEOP (Appendix A) developed under the previous permit, dated May 2016, shall be updated to meet the current permit requirements.

Measurable Goal: Development of a public education and outreach program that meets the current permit requirements.

Necessary Documents: Existing Public Education and Outreach Plan (Appendix A).

Responsible Party: DGS (Table 1).

Schedule: Plan to be revised in Year 1 and implemented in successive years.

Items to Report: Completion of the PEOP.

Method of Evaluation: Implementation of the PEOP and annual review of the PEOP.

BMP 1B: Selection of the High-Priority Stormwater Issues

Permit Section: Part I E 1 b

Objective: As part of the development the PEOP (BMP 1A), the County shall identify no less than three high-priority stormwater issues to meet the goal of educating the public to the MEP.

Measurable Goal: Development of at least three high-priority stormwater issues.

Necessary Documents: Public Education and Outreach Plan (Appendix A).

Responsible Party: DGS (Table 1).

Schedule: Three high-priority stormwater issues developed under the previous MS4 permit will be reviewed and modified, as needed, during Year 1. The finalized high-priority stormwater issues will be implemented in successive years.

Items to Report: A list of the high-priority stormwater issues and a list of the strategies used to communicate each high-priority stormwater issue.

Method of Evaluation: Annual review of the effectiveness of each high-priority stormwater water issue.

BMP 1C: Elements to Include in the PEOP

Permit Section: Part I E 1 c

Objective: The high-priority public education and outreach program shall include the following:

1. Clearly identify the high-priority stormwater issues;
2. Explain the importance of the high-priority stormwater issues;
3. Include measures to actions the public can take to minimize the impact of the high-priority stormwater issues; and
4. Provide a contact and telephone number, website, or location where the public can find out more information.

Measurable Goal: Development of the PEOP.

Necessary Documents: Public Education and Outreach Plan (Appendix A).

Responsible Party: DGS (Table 1).

Schedule: PEOP will be updated in Year 1 and implemented in successive years.

Items to Report: A list of the high-priority stormwater issues and a list of the strategies used to communicate each high-priority stormwater issue.

Method of Evaluation: Annual review of the effectiveness of each high-priority stormwater water issue.

BMP 1D: Communicate High-Priority Stormwater Issues

Permit Section: Part I E 1 d

Objective: To use two or more of the strategies listed in Table 1 of the MS4 General Permit (Figure 1) per year to communicate to the public the high-priority stormwater issues identified in accordance with Part I E 1 b including how to reduce stormwater pollution.

Measurable Goal: Development of the PEOP.

Necessary Documents: Existing Public Education and Outreach Plan.

Responsible Party: DGS (Table 1).

Schedule: PEOP will be developed in Year 1 and implemented in successive years.

Items to Report: Report strategies from MS4 General Permit Table 1 utilized.

Method of Evaluation: Review of the effectiveness of each high-priority stormwater water issue.

Table 1 Strategies for Public Education and Outreach	
Strategies	Examples (provided as examples and are not meant to be all inclusive or limiting)
Traditional written materials	Informational brochures, newsletters, fact sheets, utility bill inserts, or recreational guides for targeted groups of citizens
Alternative materials	Bumper stickers, refrigerator magnets, t-shirts, or drink koozies
Signage	Temporary or permanent signage in public places or facilities, vehicle signage, bill boards, or storm drain stenciling
Media materials	Information disseminated through electronic media, radio, televisions, movie theater, or newspaper
Speaking engagements	Presentations to school, church, industry, trade, special interest, or community groups
Curriculum materials	Materials developed for school-aged children, students at local colleges or universities, or extension classes offered to local citizens
Training materials	Materials developed to disseminate during workshops offered to local citizens, trade organization, or industrial officials

Figure 1: MS4 General Permit Table 1

MCM 2: Public Involvement and Participation BMPs

BMP 2A: Public Involvement and Participation Procedures

Permit Section: Part I E 2 a

Objective: The County shall develop and implement procedures for the following:

1. Reporting mechanism for the public to report, at a minimum, the following:
 - a. Illicit discharges, improper disposal, or spills to the MS4
 - b. Complaints regarding land disturbance activities
 - c. Other stormwater pollution concerns;
2. Public input on the MS4 Program Plan;
3. Receiving public input or complaints;
4. Responding to public input received on the MS4 Program Plan or complaints; and
5. Maintaining documentation of public input received on the MS4 program and associated MS4 Program Plan and the County's response.

Measurable Goal: Development of the procedures outlined above.

Necessary Documents: Applicable documents will be accessible through Stormwater website.

Procedures for Public Involvement and Participation in the Stormwater Program (Appendix A).

Responsible Party: DGS (Table 1).

Schedule: Develop procedures in Year 1.

Implement the procedures in Years 2, 3, 4, and 5.

Items to Report: Completion of the procedures outlined above.

Webpage for illicit discharge, improper disposal, or spills reporting ([link](#))

Land disturbing activities complaints ([link](#))

The webpage address that contains the methods for how the public can provide input on the permittee's MS4 program ([link](#)).

Other potential stormwater pollution concerns can be reported via the Loudoun Express Request (LEEx) ([link](#)).

A description of the public involvement activities to be implemented by the permittee, the anticipated time period the activities will occur, and a metric for each activity to determine if the activity is beneficial to water quality.

Method of Evaluation: Year 1: Completion of the procedures.
Years 2, 3, 4, and 5: Effectiveness of the procedures.

BMP 2B: Develop and Maintain a Stormwater Website

Permit Section: Part I E 2 b

Objective: The County shall develop and maintain a website dedicated to the MS4 Program and Stormwater Pollution Prevention.

The following information shall be posted to the webpage:

1. The effective MS4 permit and coverage letter;
2. The most current MS4 Program Plan;
3. The annual report for each year of the term covered by the permit not later than 30 days after submittal to DEQ;
4. A mechanism for the public reporting as outlined in BMP 1B above; and
5. Methods for how the public can provide input into the MS4 program plan.

Measurable Goal: Creation and maintenance of a stormwater website as outlined above.

Necessary Documents: Effective MS4 General Permit and coverage letter (Appendix A).

MS4 Program Plan.

Most recent MS4 Annual Report will be posted to the website.

Responsible Party: DGS (Table 1) will ensure that the website is up and running and will ensure that the required documents are posted to the website within the required timeframe.

Schedule: February 1, 2019 - Creation and implementation of the website 30 days after the effective date.

Ongoing maintenance of the website as needed.

November 1 each year. Post the MS4 Annual Report to the website 30 days after submittal to DEQ.

Items to Report: The County Stormwater website has been up and running for many years. The County will continue with the website.

Year 2, 3, 4, and 5: Post MS4 Annual Reports by November 1.

The Annual Report will include a summary of any public input on the MS4 program received, (including stormwater complaints) and how the County responded.

Method of Evaluation: Review effectiveness of the website.

BMP 2C: Public Involvement Opportunities

Permit Section: Part I E 2 c

Objective: The County shall implement four activities a year from two or more of the categories listed in the general permit Table 2 (see Figure 2).

From the Table 2 activities, the county will do the following;

1. Conduct Household Hazardous Waste Collection events
2. Manage a voluntary storm drain marking program
3. The Department of General Services will be the liaison to Loudoun County Environmental Commission.
4. Support various education events throughout the permit year

Table 2 Public Involvement Opportunities	
Public involvement opportunities	Examples (provided as example and are not meant to be all inclusive or limiting)
Monitoring	Establish or support citizen monitoring group
Restoration	Stream or watershed clean-up day, adopt-a-water way program,
Educational events	Booth at community fair, demonstration of stormwater control projects, presentation of stormwater materials to schools to meet applicable education Standards of Learning or curriculum requirements, watershed walks, participation on environmental advisory committees
Disposal or collection events	Household hazardous chemicals collection, vehicle fluids collection
Pollution prevention	Adopt-a-storm drain program, implement a storm drain marking program, promote use of residential stormwater BMPs, implement pet waste stations in public areas, adopt-a-street program.

Figure 2: MS4 General Permit Table 2

Measurable Goal: Successfully completing or supporting four (4) water quality improvement efforts.

Necessary Documents: None.

Responsible Party: DGS (Table 1).

Schedule: Throughout the permit year.

Items to Report:

1. Household Hazardous Waste events
Number of participants and tons collected
2. Storm drain marking program

Number of storm drains marked and total marked to date

3. Loudoun County Environmental Commission

In the annual report, discuss the goals and achievements of the Environmental Commission as it relates to stormwater and water quality

4. Support environmental education events

In the annual report, report the number of events and provide a brief description

Method of Evaluation:

Successful completion or support of four (4) activities as outlined above annually.

MCM 3: Illicit Discharge Detection and Elimination

BMP 3A: Develop an Accurate MS4 Map

Permit Section: Part I E 3 a (1)

Objective: Develop and maintain an accurate MS4 Map of the stormwater system. Loudoun County utilizes various GIS data layers for all stormwater asset management and has developed an online map of the stormwater system ([link](#)). Every 6 months (January and June) the data layers comprising this map will be updated with most current versions of the stormwater GIS data layers, as outlined below.

Measurable Goal: Semi-Annual updates to the County MS4 map as follows:

1. A map of the stormwater system owned or operated by the permittee within the Census Urbanized Area identified by the 2010 decennial census that includes:
 - a. MS4 outfalls discharging to surface waters;
 - b. A unique identifier for each mapped item;
 - c. The name and location of receiving waters to which the MS4 outfall or point of discharge discharges;
 - d. MS4 regulated service area; and
 - e. Stormwater management facilities owned or operated by the permittee.

Necessary Documents: Loudoun County GIS Data.

Responsible Party: DGS (Table 1).

Schedule: January and June of each year. Ensure the online map ([link](#)) is updated.

No later than July 1, 2019 [Part I E 3a (3)] the permittee shall submit to DEQ a GIS-compatible shapefile of the permittee's MS4 map.

Annually after the July 1, 2019 submission.

Items to Report: Confirmation statement, including dates, of stormwater map updates, digital copy of the current map.

Method of Evaluation: Review of system map to confirm it remains accurate and current.

BMP 3B: Maintain MS4 Outfall Data Information Table

Permit Section: Part I E 3 a (2)

Objective: Maintain specific and required information related to each MS4 outfall.

<u>Measurable Goal:</u>	Annual updates to the County's outfall data table that includes the following information for each outfall or point of discharge: <ol style="list-style-type: none">1. A unique identifier as specified on the stormwater system map;2. The latitude and longitude of the outfall or point of discharge;3. The estimated regulated acreage draining to the outfall or point of discharge;4. The name of the receiving water;5. The 6th Order Hydrologic Unit Code (HUC) of the receiving water;6. An indication as to whether the receiving water is listed as impaired in the Virginia 2016 305(b)/303(d) Water Quality Assessment Integrated Report;7. The predominant land use for each outfall discharging to an impaired water; and8. The name of any EPA approved TMDLs for which the permittee is assigned a wasteload allocation.
<u>Necessary Documents:</u>	Annual Outfall Data Information Table (Appendix A). 2016 303(d)/305(b) list.
<u>Responsible Party:</u>	DGS (Table 1).
<u>Schedule:</u>	No later than October 1 of each year.
<u>Items to Report:</u>	Confirmation statement, including dates, of MS4 Outfall Data Information Table updates.
<u>Method of Evaluation:</u>	Review of GIS Data Information Tables associated with County Stormwater System Map and MS4 Outfall Data Information.

BMP 3C: Notification to Downstream MS4 Permit Holders of Interconnections.

<u>Permit Section:</u>	Part I E 3 a (5)
<u>Objective:</u>	Notify downstream MS4 operators, in writing, of any physical interconnections to the County's MS4. As required in Part I E 3 d (2), the written notification to downstream interconnected MS4s will be provided upon request.
<u>Measurable Goal:</u>	Written notification of any applicable downstream MS4 operators of stormwater systems physically interconnected with the Loudoun County MS4.
<u>Necessary Documents:</u>	County Stormwater GIS Data. Letters sent to interconnected MS4 permit holders (Appendix A).
<u>Responsible Party:</u>	DGS (Table 1).

<u>Schedule:</u>	Completion by end of Permit Year 1.
<u>Items to Report:</u>	List of any written notifications to applicable downstream MS4 operators.
<u>Method of Evaluation:</u>	Successful notification of any applicable downstream MS4 operators.

BMP 3D: Written Illicit Discharge Detection and Elimination (IDDE) Procedures

Permit Section: Part I E 3 c

<u>Objective:</u>	Written procedures to detect, identify, and address unauthorized nonstormwater discharges to the MS4. As required in Part I E 3 d (3), the revised IDDE procedures will be provided upon request.
<u>Measurable Goal:</u>	Implement the County's IDDE procedures to address suspected illicit discharges.
<u>Necessary Documents:</u>	Existing IDDE Procedures (Appendix A).
<u>Responsible Party:</u>	DGS (Table 1).
<u>Schedule:</u>	Year 1 – Revise/update the IDDE procedures. Ongoing program, with implementation of revised IDDE procedures by the start of Permit Year 2.
<u>Items to Report:</u>	Total number of IDDE incidences found each permit year and a summary of how the issue was resolved.
<u>Method of Evaluation:</u>	Review of IDDE procedure's success in detecting illicit discharges to the County's MS4.

BMP 3E: Conduct System Screening for Illicit Discharge Detection

<u>Permit Section:</u>	Part I, E 3 c (2)
<u>Objective:</u>	Effectively and efficiently identify, to the MEP, illicit discharges to the County's MS4.
<u>Measurable Goal:</u>	Conduct dry weather screening of MS4 outfalls per the IDDE procedures (Appendix A).
<u>Necessary Documents:</u>	IDDE Procedure (Appendix A).
<u>Responsible Party:</u>	DGS (Table 1).

<u>Schedule:</u>	Ongoing program, with implementation of revised IDDE procedures in Year 2.
<u>Items to Report:</u>	Items to report are summarized in the IDDE Procedure document (Appendix A). Total number of outfalls screened, screening results, and detail of any related follow-up actions.
<u>Method of Evaluation:</u>	Review of IDDE procedures, including dry weather screening, and their success in detecting illicit discharges to the County's MS4.

BMP 3F: Investigate and Address Illicit Discharges

<u>Permit Section:</u>	Part I E 3 c (3), (4), and (5)
<u>Objective:</u>	Eliminate, to the MEP, illicit discharges to the MS4 based on the County's revised IDDE procedures established per Part I 3 c of the MS4 General Permit.
<u>Measurable Goal:</u>	Implement the County's IDDE procedures to address suspected illicit discharges discovered through dry weather screening, observations of County staff, or calls and reports from the general public.
<u>Necessary Documents:</u>	IDDE Procedure as outlined in Part I E 3 c County Stormwater Management Ordinance (Chapter 1096, Codified Ordinances of Loudoun County, §1096.04: Violations)
<u>Responsible Party:</u>	DGS (Table 1).
<u>Schedule:</u>	Ongoing program, with implementation of revised IDDE procedures in Year 2.
<u>Items to Report:</u>	Summary of each investigation of any suspected illicit discharge as follows: <ol style="list-style-type: none">1. Date(s) suspected discharge observed and/or reported;2. Results of the investigation, including the source, if identified;3. Any follow-ups to the investigation;4. Resolution of investigation; and5. Date investigation completed/closed.
<u>Method of Evaluation:</u>	Review of IDDE procedures and their success in finding and eliminating illicit discharges to the County's MS4.

MCM 4: Construction Site Stormwater Runoff Control

BMP 4A: Administer County E&S Program

Permit Section: Part I E 4 a (1) and (5)

Objective: Ensure, to the MEP, the administration and implementation of County E&S. The permittee shall implement the VESCP consistent with the Virginia Erosion and Sediment Control Law (§ 62.1-44.15:51 et seq. of the Code of Virginia) and Virginia Erosion and Sediment Control Regulations (9VAC25-840).

Measurable Goal: Maintain a rating of “consistent” for the County’s E&S Program during permit cycle.

Necessary Documents: Most current version of documents, as follows:

- a. Facilities Standards Manual (FSM) (Appendix A)
- b. E&S Ordinance (County Code Chapter 1220) (Appendix A)
- c. Loudoun County Grading Permit Packet (Appendix A)
- d. Plan Review Checklist (Appendix A)
- e. Site Inspection Checklist (Appendix A)
- f. Compliance and Enforcement Policies (Appendix A)

Responsible Party: B&D (Table 1).

Schedule: Ongoing program.

Items to Report: For each annual report, the following shall be tracked and submitted:

- a. Total number of inspections conducted
- b. Total number and type of enforcement actions implemented and the type enforcement actions.

BMP 4B: MCM 4 Items to Include in the Program Plan

Permit Section: Part I E 4 c

Objective: To include those required items of Part I E 4 c, which are applicable to Loudoun County. The applicable items to Loudoun County are:

1. If the permittee implements a construction site stormwater runoff control program in accordance with Part I E 4 a (1), the local ordinance citations for the VESCP program;
2. A description of the legal authorities utilized to ensure compliance with Part I E 4 a to control construction site stormwater runoff control such as ordinances, permits, orders, specific contract language, policies, and interjurisdictional agreements;

3. Written inspection procedures to ensure the erosion and sediment controls are properly implemented and all associated documents utilized during inspection including the inspection schedule;
4. Written procedures for requiring compliance through corrective action or enforcement action to the extent allowable under federal, state, or local law, regulation, ordinance, or other legal mechanisms; and
5. The roles and responsibilities of each of the permittee's departments, divisions, or subdivisions in implementing the construction site stormwater runoff control requirements in Part I E 4.

Measurable Goal: Not applicable.

Necessary Documents: Most current version of documents, as follows:
a. E&S Ordinance (County Code Chapter 1220)
b. Stormwater Ordinance (County Code Chapter 1096)

Responsible Party: Department of Building and Development (B&D) (Table 1).
DGS (Table 1).

Schedule: Not applicable.

Items to Report: The local ordinance for the Loudoun County Erosion and Sediment Program is the Codified Ordinances of Loudoun County Chapter 1220 ([link](#)).

The legal authorities utilized to ensure compliance with Part I E 4 are; the Codified Ordinances of Loudoun County, Chapters 1220 Erosion Control ([link](#)); 1096 Stormwater Management ([link](#)); and the MS4 General Permit (VAR040067).

B&D maintains SOPs for Erosion and Sedimentation Control inspection and enforcement (Appendix A).

Erosion and Sedimentation Control Program Enforcement Protocols, Dated September 6, 2002, revised June 11, 2019 ([link](#)).

B&D

- E&S plan review
- E&S inspections and enforcement
- VSMP permit compliance

DGS

- Post-construction BMP maintenance and inspection
- MS4 permit compliance

Method of Evaluation: Not applicable.

BMP 4C: MCM 4 Items to Include in the Annual Report

Permit Section: Part I E 4 d

Objective: To include those required items outlined in Part I E 4 d, which are required to be included in the annual report.

The annual report shall include the following:

1. Total number of inspections conducted; and
2. The total number and type of enforcement actions implemented and the type of enforcement actions.

Measurable Goal: Report the items listed above.

Necessary Documents: E&S inspections. Need to report the total number.

E&S enforcement actions. Need to report the total number.

Responsible Party: B&D (Table 1) is responsible for conducting the inspections and maintaining the required files.

DGS (Table 1) is responsible for reporting this information in the annual report.

Schedule: Ongoing.

Items to Report: Total number of E&S inspections conducted.

The total number and type of enforcement actions implemented and the type of enforcement actions.

Method of Evaluation: Not applicable.

MCM 5: Post-Construction Stormwater Management for New Development and Development on Prior Developed Lands

BMP 5A: Administer County VSMP Program

Permit Section: Part I, E 5 a (1)

Objective: The permittee shall address post-construction stormwater runoff that enters the MS4 from the following land disturbing activities by implementing a post-construction stormwater runoff management program as follows:

If the permittee is a city, county, or town, with an approved Virginia Stormwater Management Program (VSMP), the permittee shall implement the VSMP consistent with the Virginia Stormwater Management Act (§ 62.1-44.15:24 et seq. of the Code of Virginia) and VSMP Regulations (9VAC25-870) as well as develop an inspection and maintenance program in accordance with Parts I E 5 b and c.

Measurable Goal: To the MEP Loudoun County will administer its VSMP consistent will all applicable state regulations.

Necessary Documents: Stormwater Management Ordinance (Chapter 1096, Codified Ordinances of Loudoun County).
County stormwater facility inspection checklist.
County inspections and maintenance written procedures.

Responsible Party: B&D (Table 1).

Schedule: Daily plan review for land disturbance projects submitted to the County for approval.

Items to Report: Written statement that the County is in compliance with the state code outlined within this section.

Method of Evaluation: Annual review of the program to ensure compliance.

BMP 5B: Develop and Maintain Written Inspection and Maintenance Procedures for Stormwater BMPs

Permit Section: Part I, E 5 b (1)

Objective: Ensure, to the MEP, that the County's inspection and maintenance program for the post-construction stormwater management facilities is documented and followed by county staff and contractors.

Measurable Goal: The County will continue to follow the current inspection and maintenance procedures. In Year 1, the county will review its current procedures and

update them as needed. County will implement any changes to the procedures in the following permit years.

<u>Necessary Documents:</u>	Stormwater Management Ordinance (Chapter 1096, Codified Ordinances of Loudoun County) County inspections and maintenance written procedures (Appendix A).
<u>Responsible Party:</u>	DGS (Table 1).
<u>Schedule:</u>	Year 1 – review existing procedures and update as needed. Following permit years - ongoing program.
<u>Items to Report:</u>	Compliance with procedures.
<u>Method of Evaluation:</u>	Review the procedures to ensure they are still meeting the needs of the program.

BMP 5C: Inspect Permanent Post-Construction Stormwater BMPs

<u>Permit Section:</u>	Part I E 5 b (2)
<u>Objective:</u>	Ensure, to the MEP, that the County's permanent post-construction stormwater management facilities are functioning as designed for stormwater runoff quality and quantity management.
<u>Measurable Goal:</u>	The County will perform annual inspections of the permanent post-construction stormwater management BMPs either owned by the County or within the County and situated outside of the VDOT maintained right-of-way, Dulles Greenway property and right-of-way, Dulles International Airport property and right-of-way, the County's incorporated towns, and are not a separately permitted facility.
<u>Necessary Documents:</u>	Stormwater Management Ordinance (Chapter 1096, Codified Ordinances of Loudoun County). County stormwater facility inspection checklists. County inspections and maintenance written procedures.
<u>Responsible Party:</u>	DGS (Table 1).
<u>Schedule:</u>	Ongoing.
<u>Items to Report:</u>	The total number of private and public BMP inspections completed.

For private BMP inspections, the total number of enforcement actions will be noted.

For public BMP inspections, a description of the significant maintenance repair or retrofit activities shall be provided.

Method of Evaluation: Not applicable.

BMP 5D: Provide Long-Term Maintenance for Operator-Owned BMPs

Permit Section: Part I E 5 b (3)

Objective: Provide long-term maintenance, as necessary, so that permanent stormwater facilities for which the County has primary maintenance responsibility are functioning to their original design capabilities.

Measurable Goal: Maintenance performed, as necessary, so applicable stormwater facilities are functioning to original design capabilities.

Necessary Documents: Stormwater management facility inspection reports.

Summary of maintenance performed.

Agreement for Maintenance of a Stormwater Management Pond (Appendix A).

Responsible Party: DGS (Table 1).

Schedule: Ongoing program.

Items to Report: Total number of inspections conducted.

Description of the significant maintenance, repair, or retrofit activities. Routine maintenance activities (e.g. mowing, trash removal) are not required to be reported.

Method of Evaluation: Not applicable.

BMP 5E: Require Adequate Long-Term Maintenance for Privately Maintained BMPs

Permit Section: Part I E 5 c (1), and (2)

Objective: Ensure, to the MEP, that permanent stormwater facilities for which the County does not have primary maintenance responsibility (i.e. private facilities) are receiving adequate long-term maintenance to function at their original design capability.

Measurable Goal: Notify property owners responsible for maintaining a stormwater management facility of deficiencies that are keeping the facility from functioning to their original design capability and utilizing enforcement procedures outlined in Chapter 1096, Codified Ordinances of Loudoun County.

Necessary Documents: Stormwater Management Ordinance (Chapter 1096, Codified Ordinances of Loudoun County).

Inspection findings.

Private BMP Enforcement Procedures.

Facilities Maintenance Performance Agreement (Appendix A)

Responsible Party: DGS (Table 1).

Schedule: Ongoing.

Items to Report: Number of privately-owned stormwater management facility inspections conducted.

Number of and type of enforcement actions initiated.

Method of Evaluation: Review record of maintenance execution based on requirements conveyed in inspection reports submitted on facilities for which the property owner has primary maintenance responsibilities.

BMP 5F: Maintain an Electronic Database of All Permanent Stormwater Management Facilities

Permit Section: Part I E 5 d, e, f, and g.

Objective: Maintain the electronic database of all known stormwater management facilities (public and private). The database will include all BMPs implemented by the permittee to meet the Chesapeake Bay TMDL load reduction as required in Part II A.

The electronic database shall be updated no later than 30 days after a new stormwater management facility is brought online, a new BMP is implemented to meet a TMDL load reduction as required in Part II, or discovered if it is an existing stormwater management facility.

The County shall use the DEQ Construction Stormwater Database or other application as specified by the department to report each stormwater management facility installed after July 1, 2014, to address the control of post-construction runoff from land disturbing activities for which the permittee is

required to obtain a General VPDES Permit for Discharges of Stormwater from Construction Activities.

Measurable Goal: Maintain the existing database ([link](#)).

Necessary Documents: Inventory of permanent structural stormwater management facilities discharging to the regulated small MS4.

2016 303(d)/305(b) list.
Most recent inspection results.

Responsible Party: DGS (Table 1).

Schedule: Within 30 days of facility completion/discovery.

Items to Report: For each stormwater management facility brought online and taken offline during each reporting year the following information is to be reported:

- a. Facility unique identifier
- b. Facility type
- c. Geographic location (latitude and longitude)
- d. Number of acres treated by the facility
 - i. With breakdown of pervious and impervious acres
- e. Date the facility was brought on line
- f. Sixth order Hydrologic Unit Code (HUC)
- g. Operator- or privately-owned
 - i. If privately-owned, whether maintenance agreement exists
- h. Whether or not the stormwater management facility or BMP is part of the permittee's Chesapeake Bay TMDL action plan required in Part II A or local TMDL action plan required in Part II B, or both
- i. Date of operator's most recent inspection

A confirmation statement that the permittee submitted stormwater management facility information through the Virginia Construction Stormwater General Permit database for those land disturbing activities for which the permittee was required to obtain coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities in accordance with Part I E 5 f or a statement that the permittee did not complete any projects requiring coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities.

A confirmation statement that the permittee electronically reported BMPs using the DEQ BMP Warehouse in accordance with Part I E 5 g and the date on which the information was submitted.

Method of Evaluation: Conduct quality control (i.e., spot check) of database entries made within the permit year to ensure data accuracy.

MCM 6: Pollution Prevention/Good Housekeeping for Municipal Operations

BMP 6A: Maintain and Implement Written Procedures

Permit Section: Part I E 6 a

Objective: Maintain existing written procedures and implement new procedures, as needed, at county-owned facilities within the MS4. The written procedures shall be designed as follows:

1. Prevent illicit discharges;
2. Ensure the proper disposal of waste materials, including landscape wastes;
3. Prevent the discharge of wastewater or permittee vehicle wash water or both into the MS4 without authorization under a separate VPDES permit;
4. Require implementation of best management practices when discharging water pumped from utility construction and maintenance activities;
5. Minimize the pollutants in stormwater runoff from bulk storage areas (e.g., salt storage, topsoil stockpiles) through the use of best management practices;
6. Prevent pollutant discharge into the MS4 from leaking municipal automobiles and equipment; and
7. Ensure that the application of materials, including fertilizers and pesticides, is conducted in accordance with the manufacturer's recommendations.

Measurable Goal: Update the written materials for County-owned facilities within the MS4 boundary.

Necessary Documents: *Existing Standard Operating Procedures* (Appendix A, [link](#)).
Land Disturbance SOP
Landscaping and Grounds Maintenance SOP
Loading-Unloading Operations SOP
Material Storage SOP
Non-Stormwater Discharges SOP
Pool Operation and Maintenance SOP
Road, Street and Parking Lot Maintenance SOP
Small Equipment Washing SOP
Spill Response and Reporting SOP
Storm Sewer System Cleaning and Maintenance SOP
Fueling SOP
Vehicle-Equipment Repair and Maintenance SOP
Vehicle and Equipment Parking and Storage SOP
Vehicle-Large Equipment Washing SOP

Waste Management SOP

Responsible Party: DGS (Table 1).

Schedule: Year 1 – Review of existing SOPs.

Years 2, 3, 4, and 5 – Implementation.

Items to Report: Year 1 – Updated written procedures.

The written procedures will be provided upon request (Appendix A).

Method of Evaluation: Annual review of written procedures for appropriateness and need of new procedures.

BMP 6B: Develop and Implement SWPPPs for Identified “High Priority” Facilities

Permit Section: Part I E 6 c, d, and g

Objective: The County will continue to implement the SWPPPs that were developed under the previous permit.

Measurable Goal: The County shall follow all parameters within each existing SWPPP.

Necessary Documents: Facility SWPPPs (Appendix A).
PRCS Claude Moore Park SWPPP
PRCS Trailside Maintenance Facility SWPPP
Potomack Lakes Sportsplex SWPPP
Fire & Rescue EM Training Center SWPPP
Central Warehouse SWPPP

Responsible Party: DGS (Table 1).

Schedule: Ongoing.

Items to Report: Listing of the SWPPPs, dates of annual inspection, any findings, and corrective actions.

Method of Evaluation: Review the effectiveness of SWPPPs.

BMP 6C: Annual Review for New County Owned or Operated “High Priority” Facilities

Permit Section: Part I E 6 e

Objective: No later than June 30 of each permit year, conduct a review of County-owned or operated facilities within the MS4 to determine if the facility has a high potential for discharging pollutants as described in Part I.E.6.c. If the facility is determined to be a high-priority facility with a high potential to discharge pollutants, develop a SWPPP meeting the requirements of Part I.E.6.d no later than December 31 of that same permit year.

Measurable Goal: Annual review of County-owned or operated facilities and development of new SWPPPs as needed.

Necessary Documents: *Facility SWPPPs (Appendix A).*
- PRCS Claude Moore Park SWPPP
PRCS Trailview Maintenance Facility SWPPP
Potomack Lakes Sportsplex SWPPP
Fire & Rescue EM Training Center SWPPP
Central Warehouse SWPPP

Responsible Party: DGS (Table 1).

Schedule: Annual review conducted by June 30 of each permit year.

If needed, development of new SWPPPs by December 31 of each permit year.

Items to Report: Annually – Report the results of the review.

If needed, provide copies of the newly developed SWPPPs.

List of the High Priority facilities owned and/or operated by the MS4 and whether or not they have a high potential to discharge.

Method of Evaluation: Annual review.

BMP 6D: SWPPP Review after Reports of Unauthorized Discharges

Permit Section: Part I E 6 f

Objective: The permittee shall review the contents of any site specific SWPPP no later than 30 days after any unauthorized discharge, release, or spill reported in accordance with Part III G to determine if additional measures are necessary to prevent future unauthorized discharges, releases, or spills. If necessary, the SWPPP shall be updated no later than 90 days after the unauthorized discharge.

Measurable Goal: Investigate all unauthorized discharges to the MS4 at County owned or operated facilities with a SWPPP.

Necessary Documents: Facility SWPPPs.

Responsible Party: DGS (Table 1).

Schedule: As needed.

Items to Report: Report unauthorized discharges as outline in Part III G.

Method of Evaluation: Review reports and SWPPPs as needed.

BMP 6E: Maintain and Implement Turf and Landscape Nutrient Management Plans (NMPs)

Permit Section: Part I E 6 i

Objective: The permittee shall maintain and implement turf and landscape NMPs that have been developed by a certified turf and landscape nutrient management planner in accordance with § 10.1-104.2 of the Code of Virginia on all lands owned or operated by the permittee where nutrients are applied to a contiguous area greater than one (1) acre. If nutrients are being applied to achieve final stabilization of a land disturbance project, application shall follow the manufacturer's recommendations.

Measurable Goal: Maintain current NMPs as applicable. Annual review of County-owned or operated facilities within the MS4 service area to establish the need for new NMPs.

Necessary Documents: County Facilities Nutrient Management Plans (Appendix A).

Responsible Party: DGS (Table 1) with assistance from Parks, Recreation & Community Services (PRCS).

Schedule: By the end of Year 1 conduct a review of the existing NMPs and a review of County-owned or operated facilities that meet the requirements of Part I E 6 i.

Update the plans and create new plans as needed in the following permit years.

Items to Report: Listing of current NMPs and their expiration date and any new NMPs added within the permit year (Appendix A).

Method of Evaluation: Updating of NMPs that require updates and creation of NMPs where applicable.

BMP 6F: Prohibition on the Use of Deicing Agents Containing Nitrogen or Phosphorus

Permit Section: Part I E 6 k

Objective: The permittee shall not apply any deicing agent containing urea or other forms of nitrogen or phosphorus to parking lots, roadways, and sidewalks, or other paved surfaces.

Measurable Goal: Do not use deicing agents that contain the chemicals described in Part I E 6 k.

Necessary Documents: Manufacturer's MSDS for the deicing chemicals used by the Public Works Crew.

SOP – Road, Street, and Parking Lot Maintenance, Version 2, dated November 2019.

Responsible Party: DGS (Table 1).

Schedule: Not applicable.

Items to Report: Statement that the chemical outlined in Part I E 6 k or not used by the County.

Method of Evaluation: Not applicable.

BMP 6G: Require Municipal Contractors to Use Appropriate Control Measures and Procedures for Stormwater Discharges

Permit Section: Part I E 6 l

Objective: Require, to the MEP, that municipal contractors use appropriate control measures and procedures for stormwater discharges to the County's MS4.

Measurable Goal: Develop and include verbiage in the appropriate standard agreements for municipal contractors, requiring appropriate control measures/procedures and pollution prevention protocols for stormwater discharges to the County's MS4.

Necessary Documents: Loudoun County Standard Contract. Loudoun County Standard Stormwater Contracting Scopes of Work.

Responsible Party: DGS (Table 1), with assistance from the County Purchasing Department and County Attorney's Office.

<u>Schedule:</u>	In the previous contract, the county added language to its standard contract and to the detailed scope of work template documents specifically for stormwater maintenance contracts.
<u>Items to Report:</u>	Report annually that the verbiage remains in these documents.
<u>Method of Evaluation:</u>	DGS will confirm annually that the appropriate verbiage is contained within these documents.

BMP 6H: Develop a Training Plan Associated with Stormwater

Permit Section: Part I E 6 m

Objective: The permittee shall develop a training plan in writing for applicable staff that ensures the following:

1. Field personnel receive training in the recognition and reporting of illicit discharges no less than once per 24 months;
2. Employees performing road, street, and parking lot maintenance receive training in pollution prevention and good housekeeping associated with those activities no less than once per 24 months;
3. Employees working in and around maintenance, public works, or recreational facilities receive training in good housekeeping and pollution prevention practices associated with those facilities no less than once per 24 months;
4. Employees and contractors hired by the permittee who apply pesticides and herbicides are trained or certified in accordance with the Virginia Pesticide Control Act (§ 3.2-3900 et seq. of the Code of Virginia. Certification by the Virginia Department of Agriculture and Consumer Services (VCACS) Pesticide and Herbicide Applicator program shall constitute compliance with this requirement;
5. Employees and contractors serving as plan reviewers, inspectors, program administrators, and construction site operators obtain the appropriate certifications as required under the Virginia Erosion and Sediment Control Law and its attendant regulations;
6. Employees and contractors implementing the stormwater program obtain the appropriate certifications as required under the Virginia Stormwater Management Act and its attendant regulations; and
7. Employees whose duties include emergency response have been trained in spill response. Training of emergency responders such as firefighters and law-enforcement officers on the handling of spill

releases as part of a larger emergency response training shall satisfy this training requirement and be documented in the training plan.

Measurable Goal: Update of the training plan and successful completion of training classes/modules.

Necessary Documents: Training Plan.

Responsible Party: DGS (Table 1), with assistance from Department of PRCS and B&D.

Schedule: Continue with existing plan in Year 1.

Update existing training plan to meet Part I E 6 m during Year 1 and implement in Year 2.

Items to Report: Maintain documentation of each training event conducted by the permittee to fulfill the requirements of Part I E 6 m for a minimum of three years after the training event. The documentation shall include the following information:

1. The date of the training event;
2. The number of employees attending the training event; and
3. The objective of the training event.

Method of Evaluation: Annual review of the Training Plan.

Appendix A

Listing of Loudoun County MS4 Documents Incorporated by Reference

Document Name	Version	Date
Chapter 1096 of the Loudoun County Codified Ordinances	As amended	April 12, 2023
Chapter 1220 of the Loudoun County Codified Ordinances	As amended	April 12, 2023
General VPDES Permit for Discharges of Stormwater from Small Municipal Separate Storm Sewer Systems	VAR040067	November 1, 2018
Loudoun County, Virginia Phase II Chesapeake Bay TMDL Action Plan	Final	March 6, 2022
Loudoun County, Virginia Comprehensive TMDL Action Plan for Benthic TMDLS for the Goose Creek Watershed, Benthic TMDL Development for Bull Run, Bacteria TMDLs for Popes Head Creek, Broad Run, Kettle Run, South Run, Little Bull Run, Bull Run and the Occoquan River	Final	May 1, 2020
Procedures for Public Involvement and Participation in the Stormwater Program (link)	Version 1	August 21, 2019
Written Notification to interconnected MS4 permit holders (link)	Final	May 3, 2023
Public Education and Outreach Plan	Version 2	June 10, 2019
MS4 Permit Coverage Letter	Final	October 31, 2018
MS4 Map (link)	Online	Online
MS4 Outfall Table	Final	October 1, 2023
Illicit Discharge Detection and Elimination (IDDE) Procedure (link)	Version 2	June 10, 2019
Facilities Standards Manual	As amended	July 1, 2022
Loudoun County Grading Permit Packet	Final	August 2023 (Revised)
Loudoun County Erosion and Sediment Control Program Enforcement Protocol (link).	Final	June 11, 2019
Stormwater BMP Facility Inspection and Maintenance Procedure (link)	Version 1	August 21, 2019
Agreement for Maintenance of a Stormwater Management Pond (link)	Version 8	November 21, 2017
Facilities Maintenance Performance Agreement (link)	Version 11	January 5, 2018
Training Plan	Version 3	June 2, 2021

**Loudoun County
Pollution Prevention / Good Housekeeping
Standard Operating Procedures**

Document Name	Version	Date
Land Disturbance SOP	Version 2	November 1, 2019
Landscaping and Grounds Maintenance SOP	Version 2	November 1, 2019
Loading-Unloading Operations SOP	Version 2	November 1, 2019
Material Storage SOP	Version 3	January 1, 2021
Non-Stormwater Discharge SOP	Version 2	November 1, 2019
Pool Operation and Maintenance SOP	Version 2	November 1, 2019
Small Equipment Washing SOP	Version 2	November 1, 2019
Road, Street, and Parking Lot Maintenance SOP	Version 3	November 1, 2019
Spill Response and Reporting SOP	Version 2	November 1, 2019
Storm Sewer Cleaning and Maintenance SOP	Version 2	November 1, 2019
Fueling SOP	Version 2	November 1, 2019
Vehicle and Equipment Repair and Maintenance SOP	Version 2	November 1, 2019
Vehicle and Equipment Parking and Storage SOP	Version 2	November 1, 2019
Vehicle Large Equipment Washing SOP	Version 2	November 1, 2019
Waste Management SOP	Version 2	November 1, 2019

**Loudoun County
High Priority Municipal Facility
Stormwater Pollution Prevention Plans**

Document Name	Version	Date
PRCS Claude Moore Park SWPPP	Version 2	August 19, 2020
Potomack Lakes Sportsplex SWPPP	Version 2	August 2, 2021
PRCS Trailview Maintenance Facility SWPPP	Version 2	August 19, 2020
Fire & Rescue Emergency Maintenance SWPPP	Version 1	June 23, 2017
Central Warehouse SWPPP	Version 1	June 23, 2017

**Loudoun County Nutrient Management Plans Incorporated by Reference
Location**

Plan Name	Total Acres on Which Nutrients are Applied	Plan Start Date	Plan End Date	Location Address	Location Coordinates (NAD 83, Deg Min Sec)
Ashburn Library	1.05	9/24/2020	9/24/2025	43316 Hay Road Ashburn, VA 20147	39° 2' 45" -77° 30' 9"
Cascades Library and Senior Center	1.12	9/24/2020	9/24/2025	21030 Whitfield Place Potomac Falls, VA 20165	39° 1' 60" -77° 23' 41"
Bles Park	9.12	1/3/2022	4/1/2025	44830 Riverside Parkway, Ashburn, VA 20147	39° 04' 07" -77° 26' 57"
Byrnes Ridge Park	21.0	9/7/2022	9/7/2025	24915 Mineral Springs Circle, South Riding, VA 20105	38° 55' 43" -77° 33' 08"
Conklin Park	6.2	9/7/2022	9/7/2025	25701 Donegal Drive, Chantilly, VA 20152	38° 54' 29" -77° 31' 25"
Ray Muth Sr. Park	8.9	10/17/2022	10/17/2025	20971 Marblehead Drive, Ashburn, VA 20148	39° 2' 9" -77° 27' 38"
Scott Jenkins Park	14	10/17/2022	10/17/2025	39464 Colonial Highway, Hamilton, VA 20158	39° 8' 12" -77° 38' 20"
Trailside Park	6.1	9/21/2022	9/21/2025	Claiborne Parkway, Ashburn, VA 20147	39° 3' 8" -77° 30' 18"
Lyndora Park	5.3	9/22/2022	9/22/2025	Lucketts Bridge Circle, Ashburn VA, 20148	38° 59' 18" -77° 29' 31"
Greg Crittenden Memorial Park	3.9	9/21/2022	9/21/2025	21401 Windmill Dr, Ashburn, VA 20147	39° 1' 56" -77° 29' 49"
Chick Ford & Ryan Bickel Fields	3.2	9/21/2022	9/21/2025	21597 Ashburn Village Blvd, Ashburn, VA 20147	39° 1' 8" -77° 28' 51"
Claude Moore Park	14.9	10/17/2022	10/17/2025	46105 Loudoun Park Lane, Sterling, VA 20164	39° 0' 53" -77° 24' 15"
Potomac Lakes Sportsplex	20.6	10/17/2022	10/17/2025	20280 Cascades Parkway, Sterling, VA 20165	39° 3' 14" -77° 22' 42"
East Gate Park	3.4	9/7/2022	9/7/2025	43664 Tall Cedars Parkway, Chantilly, VA 20152	38° 54' 44" -77° 29' 33"
Dulles South PSC	1.6	6/2/2022	6/2/2025	25216 Loudoun County Prkwy Chantilly, VA 20152	38° 55' 10" -77° 31' 1"
Eastern Sheriff Substation	0.9	9/7/2022	9/7/2025	46620 E Frederick Drive Sterling, VA 20164	39° 0' 56" -77° 23' 14"
East Gate Park & Ride	1.8	7/5/2022	7/5/2025	43664 Tall Cedars Pkwy Chantilly, VA 20152	38° 54' 42" -77° 29' 30"
Harmony Park & Ride	1.3	6/2/2022	6/2/2025	39464 E Colonial Highway Hamilton, VA 20158	39° 8' 11" -77° 38' 6"
Kincora Fire Station	0.9	6/2/2022	6/2/2025	45900 Russel Branch Prkwy Ashburn, VA 20147	39° 1' 49" -77° 25' 59"

Plan Name	Total Acres on Which Nutrients are Applied	Plan Start Date	Plan End Date	Location Address	Location Coordinates (NAD 83, Deg Min Sec)
Lansdowne Fire Station	1.1	6/2/2022	6/2/2025	19485 Sandridge Way Leesburg, VA 20176	39° 4' 37" -77° 29' 1"
Moorefield Fire and Rescue	1.05	8/31/2022	8/31/2025	43495 Old Ryan Road Ashburn, VA 20148	39° 0' 32" -77° 29' 47"
Stone Ridge Park & Ride	1.0	8/31/2022	8/31/2025	24281 Millstream Drive Aldie, VA 20105	38° 56' 16" -77° 33' 21"
Western Sheriff's Office	1.6	5/10/2022	5/10/2025	47 West Loudoun Street Round Hill, VA 20141	39° 8' 1" -77° 46' 39"
Purcellville Fire Station	2.2	7/5/2022	7/5/2025	500 North Maple Avenue Purcellville, VA 20132	39° 8' 37" -77° 41' 49"
Middleburg Fire Station	0.6	8/31/2022	8/31/2025	910 West Washington Street Middleburg, VA 20117	38° 58' 3" -77° 44' 49"
Lovettsville Library	0.7	9/22/2022	9/22/2025	12 North Light Street Lovettsville, VA 20180	39° 16' 27" -77° 38' 9"
Loudoun Heights Fire Station	2.4	6/2/2022	6/2/2025	13345 Harpers Ferry Road Purcellville, VA 20132	39° 14' 55" -77° 43' 39"
Franklin Park	14.92	8/31/2022	8/31/2025	17501 Franklin Park Drive Purcellville, VA 20132	39° 7' 55" -77° 44' 38"
Ashburn Sheriff	1.8	6/2/2022	6/2/2025	20272 Savin Hill Drive Ashburn, VA 20147	39° 3' 13" -77° 27' 35"
Moorefield Sta. Community Park	27.3	8/31/2022	8/31/2025	43240 Clarendon Square Ashburn, VA 20148	38° 59' 47" -77° 30' 19"
Potomac Green Neighborhood Park	11.9	10/18/2022	10/18/2025	20750 Marblehead Drive Ashburn, VA 20147	39° 2' 33" -77° 27' 32"

Appendix B

BMP Evaluations

The BMPs from the Loudoun County Program Plan are reviewed annually to determine their effectiveness. Listed below are the BMPs that were updated during the Year 5 permit year.

Program Plan BMP / MCM	Updated	Reason for Update
BMP A: Develop an MS4 Program Plan	Yes	Program Plan was updated in Year 5 with no significant changes
BMP B: MS4 Program Plan Development Schedule	No	N/A
BMP C: Revisions to the MS4 Program Plan	Yes	See BMP A
BMP D: Develop and Submit an Annual report to DEQ	No	N/A
BMP E: Evaluate the Effectiveness of Program BMPs	No	N/A
BMP F: Status Report on the Implementation of the Chesapeake Bay TMDL Action Plan	No	N/A
BMP G: Status report on the Implementation of the Local TMDL Action Plans	No	N/A
MCM 1: Public Education and Outreach BMPs	No	N/A
MCM 2: Public Involvement and Participation Procedures	No	N/A
MCM 3: Illicit Discharges Detection and Elimination	No	N/A
MCM 4: Construction Site Stormwater Runoff Control	No	N/A
MCM5: Post-Construction Stormwater Management for New Development and Development on Prior Developed Lands	No	N/A
MCM 6: Pollution Prevention/Good Housekeeping for Municipal Operations	No	N/A

Appendix C

Clean Water Partners



Northern Virginia Clean Water Partners

Annual Summary of Results

July 1, 2022 - June 30, 2023

This summary was produced by Northern Virginia Regional Commission on behalf of
the 2023 Clean Water Partners.



Stormwater Pollution in Northern Virginia

Water bodies in Northern Virginia, including the region's numerous streams, lakes, and rivers, provide a range of environmental, social, and economic benefits to surrounding communities. However, when waterways are polluted and water quality becomes impaired, their key resources are reduced and result in negative impacts to both humans and the natural environment.

Polluted stormwater runoff is the number one cause of poor water quality in Northern Virginia's waterways. When it rains and snows, water runs off streets, driveways, yards and parking lots and mixes with pollutants, such as litter, fertilizer, pet waste, road salt, and auto fluids. These pollutants then enter storm drains on the street and are discharged directly into nearby streams.

To reduce the impacts of stormwater pollution, the Northern Virginia Clean Water Partners joined together to improve residents' knowledge and behaviors through an ongoing public education campaign.

About the Partnership

The Northern Virginia Clean Water Partners (NVCWP) is composed of a group of local governments, drinking water and sanitation authorities, and businesses that share the common goals to keep Northern Virginia residents healthy and safe by reducing the amount of pollution from stormwater runoff that reaches local creeks and rivers, and empower individuals to take action to reduce pollution.

To meet these goals, the partners work together to:

- Identify high priority water quality issues for the region
- Identify the target audience(s) for outreach
- Educate the region's residents on simple ways to reduce pollution around their homes
- Monitor changes in behavior through surveys and other data collection techniques
- Pilot new cost-effective opportunities for public outreach and education

Membership is voluntary and each member makes an annual contribution to fund the program. By working together, the partners are able to leverage their funds to develop and implement a range of bilingual education and outreach strategies throughout Northern Virginia.



"Only rain down the storm drain"
- Partnership Motto

The 2023 campaign helped to satisfy MS4 (Municipal Separate Storm Sewer System) Phase I and Phase II permit requirements for stormwater education and documenting changes in behavior.

For more information visit onlyrain.org

2023 Campaign Overview

The Northern Virginia Clean Water Partners identified the following water quality issues to highlight in their 2023 campaign:

- **Nutrients (Phosphorus and Nitrogen)**
- **Bacteria**
- **Salt**
- **Illicit Discharges (e.g., pesticides, motor oil, etc.)**

Target audiences for these issues include pet owners, winter salt applicators, home mechanics, and residents with a lawn or garden. To reach these audiences, the campaign used a combination of social media, television, printed advertising, and the Only Rain website to distribute messaging that would improve stormwater-related knowledge and behaviors. Partners also participated in local events throughout the year to engage residents and raise campaign awareness.

The 2023 campaign also continued to expand outreach and engagement programming with several new social marketing strategies, including:

- Updated infographics to promote pollution-reduction practices
- New social media content, including monthly partner spotlights
- A new campaign video
- An NVCWP Instagram account

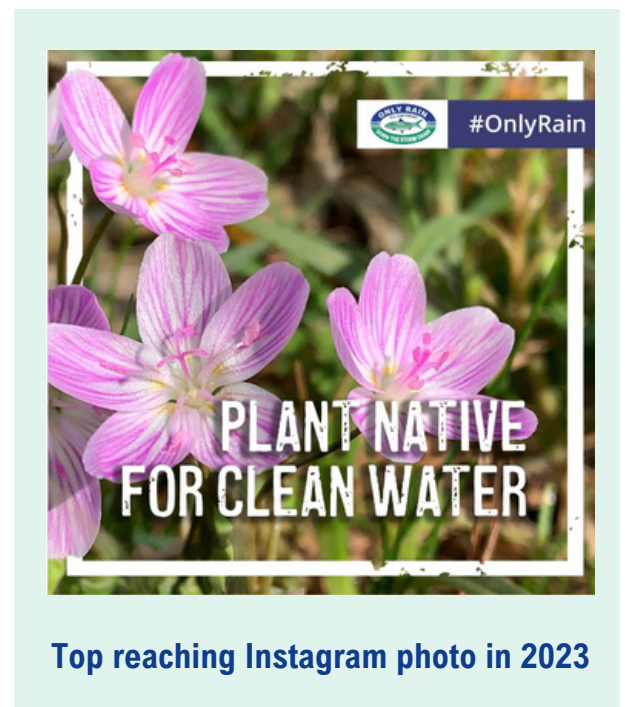
Social Media

The NVCWP have continued to use social media as a key tool to engage their campaign's target audiences.

The partners created Facebook and Twitter accounts as a part of their 2020 campaign strategy. Since July 1, 2022, the Facebook page has gained 115 new followers for a total of 518 current followers. During the campaign year, the page had 387 posts, 20,858 post engagements, and 6,987 post link clicks.

The Twitter account currently has 165 followers, with 34 new followers since July 1, 2022. Over the year, the account had 393 tweets, 1,093 tweet engagements, and 116 link clicks.

As a part of the 2023 campaign, the partners also created an Instagram account to further reach the public. Since it was created in December 2022, the Instagram account has gained 140 followers and created 79 posts.



Top reaching Instagram photo in 2023

Video Advertisements

The campaign continued to reach residents through a series of video advertisements that focused on residential stormwater management actions. In 2023, the campaign aired two public service announcements (one in English and one in Spanish) on a combination of 44 English and Spanish language networks for a total of 865,060 impressions, or views.

Key Facts and Figures for 2023



2,256

visits to OnlyRain.org



596

Stormwater Survey
responses



1,128

Clean Water Pledges



865,060

premium digital TV
impressions*



825,685

total social media
impressions*



22,151

engagements with
social media posts

**Impressions are the number of times an ad appeared on a single television or computer screen.*



Annual Stormwater Survey

Survey Goal

The Northern Virginia Clean Water Partners conduct an annual online survey of approximately 500 Northern Virginia residents to better understand their stormwater-related knowledge and behaviors over time. Results help the partners to assess their campaign's effectiveness and direct future education and outreach efforts.

Results

Stormwater and Watershed Knowledge

69% of Northern Virginia residents reported that they are familiar with the term "watershed". When asked which watershed they live in, 45% of residents selected that they live within the Potomac River watershed, which represents a 8% increase in this response from 2022. However, only 30% selected that they live in the Chesapeake Bay watershed.

When asked where stormwater eventually ends up, 62% of residents responded that it goes to the Potomac River or Chesapeake Bay, while 46% also selected that it goes to a wastewater treatment plant. Responses to this question have not significantly changed since 2019.

These results indicate that although residents have likely heard of a "watershed", further education is needed to characterize the term in Northern Virginia and explain its relationship to stormwater runoff.

Information and Advertising

Similar to 2022, 34% of residents reported that they have seen or received at least some form of information about reducing water pollution in the past 12 months. Notably, there was a 9% increase (24% in 2022 versus 33% in 2023) in those that had heard of specific opportunities to participate in water quality improvement activities, such as stream clean ups or storm drain stenciling.

42% of survey respondents indicated that they were familiar with the NVCWP prior to the survey. 74% selected that they trust information from the campaign, and 71% would contact the NVCWP if they had questions about water quality.

When shown the "only rain down the storm drain" fish logo, 61% of residents reported seeing the logo prior to the survey. Although this represents a 5% decrease in those that recognize the logo from 2022, responses to this question have remained above 60% since 2019.



Campaign Impact

Residents who have viewed at least one NVCWP ad were asked a series of questions about the impact of the ads, including ways that their behaviors have changed since they first saw the ads. Over 70% of respondents reported that they now have a greater understanding of pet waste, fertilizer, and motor oil impacts on local water quality. 43% of residents stated that they pick up pet waste more often, 50% plan to fertilize less frequently, and 48% now also properly dispose of motor oil. However, over 50% of residents also reported that they were already taking some action to reduce water pollution. These results indicate that NVCWP advertisements likely reinforce positive behaviors in many residents while providing new information to a smaller percentage of ad viewers.

Resident Behaviors

The survey asked specific questions to understand changes in Northern Virginia residents' behaviors around relevant stormwater management and pollution issues, including pet waste, lawn and garden care, car fluids, and household hazardous waste.



In 2023, 51% of residents reported owning at least one dog. Of those that walk their dog, 89% stated that they always or usually pick up their dog's waste during walks, while 3% rarely or never pick up the waste. In comparison, only 61% of residents reported picking up their pet's waste on a daily basis in their own yard.

When asked why they pick up their dog's waste, 25% of residents responded that their actions were due to city or county ordinances, and 20% selected that they "don't want to step in it". Similar to 2022 (17%), only 15% of residents noted picking up their pet's waste because it causes water pollution.

As in previous years, Northern Virginia residents continue to clean up after their pet for a variety of reasons unrelated to local water quality. As such, future messaging could aim to encourage homeowners to pick up waste in their own yard and further describe the connection between dog waste and water quality impacts.



When asked about reporting potential water pollution, 57% of residents reported knowing who to contact, and nearly two-thirds (63%) stated that they would probably or definitely contact someone to report a potential source of water pollution. Of those who were equally likely to call and not to call as well as those who reported that they would not call, 32% selected their reason being that they would prefer not to communicate with officials or authorities, while 23% selected that "it's none of my business".

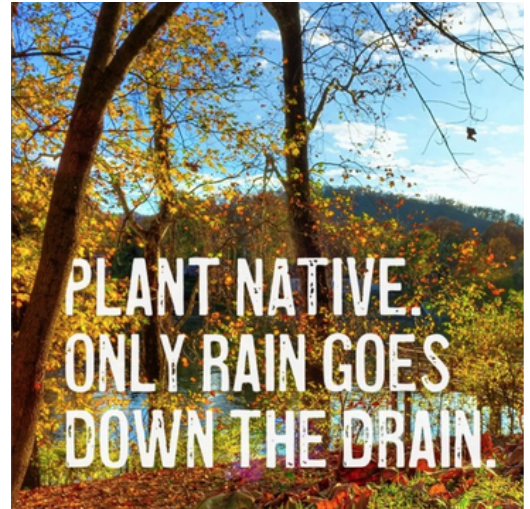




Two-thirds (66%) of residents with a lawn or garden stated that they use a lawn care service at least once a year. Notably, 71% of residents with a lawn or garden reported using fertilizer at least once a year. Similar to 2022, 26% of residents most frequently fertilize twice a year, while 13% never fertilize their lawn.

For those that cut their own grass, 29% of residents keep their grass clippings on their lawn or garden. 56% choose to bag their clippings and either recycle them (32%) or put them in the regular trash (24%).

If grass clippings ended up in the street, only 53% reported sweeping or blowing them back into their lawn, instead choosing to leave them in the street (20%) or to sweep them into the storm drain (15%). These results indicate a need for further outreach to encourage residents to leave clippings or sweep them back into their yard after mowing.



As in 2022, respondents were provided descriptions of a rain barrel, rain garden, and conservation landscaping and asked whether they have heard of these stormwater management features and would be interested in getting one for their property. Compared to prior years, there was a significant increase in residents that not only reported having a feature on their property, but also in those that were familiar and/or interested in installing the features.

In particular, residents are most familiar with rain barrels, and 45% reported an interested in obtaining one for their property. 28% also reported already owning at least one. Over 40% of residents were also interested in installing a rain garden or some form of conservation landscaping on their property.



With growing awareness of their benefits to water quality and conservation, the Clean Water Partners will continue to highlight opportunities and resources for installation and maintenance of stormwater management features, including regional workshops and other education events, throughout the year.



61% of residents reported knowing if their locality has a specific drop-off location for household hazardous waste (HHW). This response represents a slight decrease from 2022 (67%), indicating the need for new tools and resources, such as online maps and fact sheets, to more specifically point out HHW sites across local jurisdictions.



Similar to 2022, the majority of residents who own a car reported going to an auto center for an oil change (70%) or taking their old motor oil to a gas station or hazmat facility for recycling (17%). In addition, approximately 13% of residents continue to store their used motor oil in their garage, place it in the trash, or dump it down the storm drain, sink or onto the ground.

63% of residents reported taking their vehicle to a commercial car wash, while only 21% reported washing their vehicle at home. This represents a significant change in responses from prior years, in which 43% of residents washed their vehicle at home and 36% used a commercial car wash in 2022.

For those that wash their cars or trucks at home, nearly a quarter of residents (26%) most frequently wash their vehicle three to four times a year, although 17% wash their vehicle at home more than 12 times a year. To wash their vehicle, the majority of residents reported using environmentally-friendly detergent (60%) or only water (29%), and 53% wash on pervious surfaces, including grass, gravel, and/or dirt.

These results highlight an increase in water-conscious decisions that residents are making for their automobile care. Future campaign messaging can continue to reinforce these behaviors, including further promotion of commercial car washes to reduce runoff of cleaning detergents.



2024 Campaign Goals

Through a combination of social media, TV advertisements, the Only Rain website, and other regional activities, the 2023 Northern Virginia Clean Water Partners campaign strived to engage Northern Virginia residents around a number of priority stormwater runoff and pollution topics. In particular, new social media platforms, such as Instagram, and messaging strategies helped the campaign to reach new audiences and further advance the campaign's education and outreach goals.

The 2024 campaign will continue to diversify and implement new strategies to most effectively reach Northern Virginia residents and improve their stormwater-related knowledge and behaviors. The next campaign year will include:

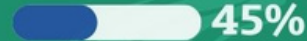
- A new campaign video
- New and updated website resources
- Engaging social media content, including "Wednesday Water Tips"
- And more!

Northern Virginia Clean Water Partners 2023 SURVEY AT A GLANCE

The Clean Water Partners conduct an annual survey to better understand Northern Virginia residents' stormwater knowledge and behaviors in order to inform future education and outreach efforts.

WATERSHED KNOWLEDGE

45% of residents believe they live in the Potomac River watershed. **31%** were not familiar with the term "watershed" prior to the survey.



STORMWATER RUNOFF

Nearly **2/3** of residents believe that stormwater runoff ends up in the Chesapeake Bay or Potomac River. **46%** of residents think that it goes to a wastewater treatment plant.

AUTOMOBILE BEHAVIORS

63% of vehicle owners go to a commercial car wash at least once a year. Of those that clean their car at home, over **60%** report only using water or environmentally-friendly detergent.



DOG OWNERS

89%

of dog owners report always or usually picking up their pet's waste while on a walk. **15%** pick up the waste because it causes water pollution.



LAWN CARE

3/4

of residents fertilize their lawn or garden at least once a year. **23%** either never fertilize or only fertilize when a soil test recommends it.



CONSERVATION LANDSCAPING

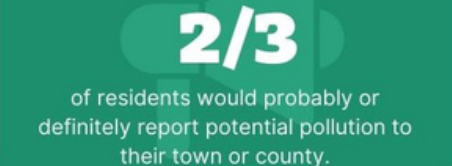
Over **1/2** of residents are familiar with a rain barrel, rain garden, and/or conservation landscaping. Over **40%** report an interest in obtaining one or more for their property.



POLLUTION REPORTS

2/3

of residents would probably or definitely report potential pollution to their town or county.



CWP PROMOTION

61%

of residents recognize the Clean Water Partners logo.



ADVERTISING REACH

About **1/4** of residents have viewed a Clean Water Partners ad. When asked about perceptions of the ads, over **75%** trust the information conveyed and believe the ads are important.



Additional Information

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Website: www.onlyrain.org

Social Media:

- **Facebook:** facebook.com/NVCWP
- **X (Formerly Twitter):** twitter.com/nova_cwp
- **Instagram:** instagram.com/novacwp

2023 Clean Water Partners:

Fairfax County | Arlington County | Loudoun County | Loudoun Water | Fairfax Water | City of Alexandria | City of Fairfax | City of Falls Church | City of Manassas | City of Manassas Park | Stafford County | Town of Leesburg | Town of Dumfries | Town of Herndon | Town of Vienna | Prince William County | Northern Virginia Regional Commission | George Mason University | Virginia Coastal Zone Management Program | Fairfax County Public Schools | Prince William County Public Schools



Appendix D

Outfall Table

Loudoun County Virginia
Regulated MS4 Outfall Table

FCITD	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
AB104	7.233642	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	57.99	PL21	-77.361315	39.028078
AB109	2.747865	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	73.00	PL21	-77.362325	39.025958
AB1200	89.114605	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	39.96	PL21	-77.380831	39.046345
AB1211	7.473138	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_OTHER_PUBLIC	51.80	PL21	-77.379829	39.047236
AB1227	1.209761	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	56.79	PL21	-77.379329	39.048498
AB1231	2.158107	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	76.49	PL21	-77.380322	39.046377
AB1236	2.757412	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	62.27	PL21	-77.379233	39.047340
AB124	1.616600	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	74.71	PL21	-77.362065	39.032069
AB1260	19.173763	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	MULTI_USE	34.85	PL21	-77.378145	39.048761
AB1307	26.768929	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	62.24	PL21	-77.383235	39.032676
AB1373	3.624742	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	53.16	PL21	-77.380021	39.031214
AB1375	4.180294	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	79.43	PL21	-77.381335	39.031907
AB1377	0.785271	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	66.25	PL21	-77.380839	39.031563
AB1411	0.634581	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	99.57	PL21	-77.384527	39.027590
AB1414	0.661578	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	59.67	PL21	-77.385452	39.027719
AB1419	1.947180	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	75.89	PL21	-77.385633	39.027407
AB142	2.662957	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	65.44	PL21	-77.362291	39.032288
AB1422	3.537836	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	68.05	PL21	-77.386207	39.027251
AB1444	37.869278	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	37.33	PL21	-77.382511	39.028021
AB1458	1.649641	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	68.62	PL21	-77.381531	39.027907
AB1475	3.108022	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	77.66	PL21	-77.380489	39.027818
AB1482	2.343479	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	54.27	PL21	-77.379408	39.028161
AB1489	5.143787	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	80.01	PL21	-77.380082	39.029216
AB149	9.313605	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	81.35	PL21	-77.363834	39.033545
AB1491	1.517072	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	75.51	PL21	-77.380507	39.028237
AB1493	2.178457	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	86.82	PL21	-77.381135	39.028107
AB1495	1.701857	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	78.35	PL21	-77.379239	39.028862
AB1500	3.062969	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	57.68	PL21	-77.379223	39.031097
AB1509	39.853026	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	52.09	PL21	-77.378025	39.030199
AB1512	0.460481	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	76.93	PL21	-77.377889	39.030160
AB153	2.942631	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	86.64	PL21	-77.364087	39.034668
AB1532	0.445320	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	64.69	PL21	-77.377886	39.029286
AB1535	0.413494	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	61.97	PL21	-77.377790	39.029373
AB154	21.807541	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	76.11	PL21	-77.364099	39.035488
AB1549	2.209738	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_CHURCH	19.01	PL21	-77.355241	39.041017
AB1551	0.853226	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	0.11	PL21	-77.351585	39.037578
AB1569	21.290848	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	MULTI_USE	97.65	PL21	-77.377169	39.050153
AB1761	3.109619	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	66.63	PL21	-77.383504	39.027549
AB1766	6.526958	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	87.21	PL21	-77.382263	39.027429
AB191	2.994613	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	77.94	PL21	-77.364072	39.036504
AB1913	17.259695	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_RETAIL	68.10	PL21	-77.377988	39.014489
AB1934	17.220228	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run		0.00	PL21	-77.375828	39.018583
AB1947	0.165531	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_OFFICE_GENERAL	43.33	PL21	-77.375265	39.018691
AB1955	2.143500	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	53.41	PL21	-77.374235	39.017643
AB1956	1.429875	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_RETAIL	57.64	PL21	-77.374221	39.017603
AB1982	6.496608	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_RETAIL	91.31	PL21	-77.372168	39.017138
AB1986	2.277885	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	MISC	63.92	PL21	-77.371108	39.015585
AB2015	6.645809	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_CHURCH	94.41	PL21	-77.380204	39.015648
AB2022	5.024016	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_RETAIL	33.11	PL21	-77.379971	39.015417
AB2032	0.243801	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_RETAIL	100.00	PL21	-77.377831	39.014433
AB2033	14.239984	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_RETAIL	99.07	PL21	-77.377743	39.014407
AB2049	1.173753	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_RETAIL	100.00	PL21	-77.376686	39.013944
AB2052	0.106972	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_RETAIL	100.00	PL21	-77.376580	39.013882
AB23	17.773685	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	54.37	PL21	-77.367738	39.023952
AB257	8.425504	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	46.16	PL21	-77.361899	39.039365
AB267	4.134121	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	43.41	PL21	-77.362212	39.039319
AB273	7.894237	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_OTHER_NON_PUBLIC	35.64	PL21	-77.362078	39.039888
AB3018	1.208543	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	52.65	PL19	-77.484615	39.025838
AB3021	5.884108	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	46.42	PL19	-77.484208	39.025843
AB3056	11.144166	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	73.30	PL19	-77.484808	39.022192

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
AB3099	11.146975	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	36.69	PL19	-77.482165	39.020847
AB3101	0.590035	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	52.85	PL19	-77.483006	39.020957
AB3109	2.361069	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	66.02	PL19	-77.484008	39.020750
AB3127	8.199570	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	71.54	PL19	-77.485884	39.020923
AB3134	2.565196	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	64.79	PL19	-77.484673	39.021234
AB3141	3.576840	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.44	PL19	-77.485082	39.019723
AB3144	3.501528	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	75.11	PL19	-77.486924	39.019012
AB3147	2.980198	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	54.89	PL19	-77.486828	39.022460
AB3193	5.511019	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	69.50	PL19	-77.487811	39.019080
AB3195	0.187824	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	0.29	PL19	-77.487817	39.018959
AB3197	2.987143	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	53.49	PL19	-77.488148	39.018936
AB3209	1.895448	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	62.97	PL19	-77.486494	39.018669
AB3214	2.199689	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	92.45	PL19	-77.489078	39.019062
AB3218	1.674677	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	75.94	PL19	-77.489973	39.018910
AB3224	1.608825	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	66.40	PL19	-77.486674	39.017523
AB3237	6.953903	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	65.88	PL19	-77.487255	39.016000
AB3238	2.229782	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.62	PL19	-77.487283	39.015850
AB3249	2.318441	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	86.18	PL19	-77.486948	39.016976
AB3291	12.950265	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_CHURCH	39.92	PL19	-77.487325	39.014894
AB3325	22.895238	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	37.77	PL19	-77.491390	39.018558
AB3330	0.148884	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	1.18	PL19	-77.491780	39.018616
AB3333	7.895737	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	43.24	PL19	-77.492490	39.018739
AB3341	2.177254	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	34.97	PL19	-77.492831	39.018807
AB3348	1.370276	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	64.03	PL19	-77.491164	39.018744
AB3350	3.102961	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	76.17	PL19	-77.492781	39.018846
AB3358	2.960639	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	84.27	PL19	-77.490577	39.018940
AB3370	4.175494	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	68.19	PL19	-77.490016	39.019009
AB3390	0.876603	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	26.44	PL19	-77.477106	39.002084
AB3391	0.698567	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	1.55	PL19	-77.479051	39.002936
AB3392	0.129257	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	0.57	PL19	-77.480564	39.003455
AB3393	0.140599	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	0.56	PL19	-77.481190	39.003660
AB3394	2.148517	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	36.96	PL19	-77.481453	39.003728
AB3395	4.057978	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	36.38	PL19	-77.482663	39.003701
AB3398	0.109311	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	PUBLIC	0.43	PL19	-77.476333	39.001752
AB3400	17.069537	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	64.15	PL17	-77.479657	38.993671
AB3402	3.180013	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_DATA_CENTER	100.00	PL17	-77.486764	39.002440
AB3403	4.952749	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_DATA_CENTER	99.82	PL17	-77.486471	39.002364
AB3404	0.748602	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_DATA_CENTER	100.00	PL17	-77.486087	39.002190
AB3406	10.662758	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_DATA_CENTER	100.00	PL17	-77.485813	39.002095
AB3474	3.044846	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	73.24	PL19	-77.496429	39.025542
AB3484	11.944405	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	64.59	PL19	-77.495506	39.028399
AB3507	3.064338	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	72.37	PL19	-77.495496	39.029969
AB3510	1.169732	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	69.35	PL19	-77.495407	39.029287
AB3522	7.279815	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	58.59	PL19	-77.491072	39.029697
AB3533	5.101504	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	34.60	PL19	-77.491435	39.030101
AB3546	1.844901	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	69.28	PL19	-77.495649	39.030844
AB3552	3.261268	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	65.87	PL19	-77.495513	39.031957
AB3556	1.272720	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.19	PL19	-77.495096	39.033050
AB356	0.368217	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	57.59	PL21	-77.362279	39.043510
AB3571	3.829233	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	20.28	PL19	-77.494812	39.034126
AB3577	10.069114	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	38.15	PL19	-77.500106	39.032315
AB358	0.611796	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	60.41	PL21	-77.361939	39.042358
AB360	1.181752	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	56.77	PL21	-77.362312	39.040908
AB3625	6.367238	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	77.58	PL19	-77.496660	39.029448
AB3627	1.995505	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	66.13	PL19	-77.499329	39.029309
AB3637	4.647361	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	83.57	PL19	-77.496936	39.027549
AB3688	2.792474	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.21	PL19	-77.499527	39.028962
AB3689	31.658707	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	44.50	PL19	-77.499552	39.028963
AB3691	16.729703	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	70.15	PL19	-77.502593	39.029026
AB3738	4.382827	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	73.41	PL19	-77.504539	39.032509

Loudoun County Virginia
Regulated MS4 Outfall Table

FCID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
AB3741	14.287974	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	51.02	PL19	-77.504687	39.032671
AB3753	10.116777	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	58.44	PL19	-77.506663	39.031662
AB3775	4.079354	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	80.67	PL19	-77.502629	39.032835
AB39	1.906613	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	63.14	PL21	-77.364402	39.026553
AB399	2.923511	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	MULTI_USE	73.15	PL21	-77.357451	39.042126
AB412	3.155701	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	62.21	PL21	-77.355049	39.054418
AB413	73.819430	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	52.67	PL21	-77.355073	39.054407
AB429	27.709533	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	72.33	PL21	-77.356007	39.054334
AB47	2.387231	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	63.80	PL21	-77.365609	39.026694
AB498	3.092719	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	86.20	PL21	-77.359479	39.053389
AB51	2.523609	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	75.48	PL21	-77.366736	39.026980
AB517	10.130998	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	79.78	PL21	-77.361852	39.053038
AB524	4.677497	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	79.56	PL21	-77.361979	39.050738
AB56	4.156622	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	1.81	PL21	-77.363262	39.027068
AB579	10.938476	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	73.68	PL21	-77.361625	39.050433
AB632	20.740718	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	57.53	PL21	-77.362429	39.049639
AB690	4.483661	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	64.75	PL21	-77.357844	39.043336
AB700	2.228821	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	67.50	PL21	-77.356943	39.042305
AB719	1.489305	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	69.17	PL21	-77.359512	39.043766
AB72	3.158238	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	55.35	PL21	-77.364583	39.029340
AB723	33.793157	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	55.99	PL21	-77.359270	39.044461
AB727	8.247915	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	39.11	PL21	-77.359857	39.043296
AB738	2.762042	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	29.84	PL21	-77.360200	39.043976
AB752	1.502068	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	0.25	PL21	-77.363090	39.044051
AB756	1.010955	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_CHURCH	100.00	PL21	-77.355181	39.041139
AB759	1.500808	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_CHURCH	99.80	PL21	-77.354417	39.041917
AB761	1.189190	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	69.83	PL21	-77.353056	39.042195
AB763	20.006103	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	70.76	PL21	-77.354502	39.042140
AB784	3.333119	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	66.75	PL21	-77.355632	39.042323
AB79	3.307617	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	75.67	PL21	-77.366645	39.027592
AB8	7.730373	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	64.25	PL21	-77.368089	39.024428
AB86	3.503291	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	62.37	PL21	-77.366138	39.029547
AB88	1.811984	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	59.06	PL21	-77.362715	39.029524
AB921	1.504448	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	MULTI_USE	63.17	PL21	-77.348848	39.052950
AB924	1.739781	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	MULTI_USE	100.00	PL21	-77.348584	39.053177
AB938	2.507220	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	66.46	PL21	-77.365015	39.044183
AJ107	0.638548	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	59.63	PL21	-77.382416	39.010310
AJ1079	49.880928	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	72.82	PL19	-77.424571	39.021213
AJ1082	0.465902	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	6.63	PL19	-77.424940	39.020656
AJ1089	0.252087	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	2.73	PL19	-77.424646	39.020722
AJ109	0.520004	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	56.71	PL21	-77.383176	39.010573
AJ1090	2.185521	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	0.52	PL19	-77.424399	39.020688
AJ111	4.515517	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	53.21	PL21	-77.383629	39.010843
AJ1115	0.776557	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	5.23	PL19	-77.424424	39.020097
AJ1132	7.323069	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	98.75	PL19	-77.428264	39.018238
AJ1145	0.319046	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	0.15	PL19	-77.426274	39.020617
AJ1167	10.747452	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	67.58	PL19	-77.429451	39.018274
AJ1170	2.068869	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	96.92	PL19	-77.429750	39.016827
AJ1181	10.596478	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	68.49	PL19	-77.431243	39.020584
AJ1187	15.187093	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	99.77	PL19	-77.430908	39.022088
AJ1227	20.291389	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	99.43	PL19	-77.430328	39.024619
AJ1234	48.911064	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	55.48	PL19	-77.430331	39.025704
AJ131	4.453728	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	44.93	PL21	-77.381882	39.010468
AJ1322	6.262160	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	3.15	PL19	-77.430867	39.027616
AJ1335	1.504506	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_HOTEL	19.62	PL19	-77.427230	39.017302
AJ1366	25.581069	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	33.74	PL19	-77.418315	39.026252
AJ157	16.542518	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	87.40	PL21	-77.381292	39.015959
AJ1676	17.704879	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	37.22	PL20	-77.404773	39.029035
AJ1685	0.751151	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	100.00	PL20	-77.405018	39.029896
AJ1688	4.757923	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	82.04	PL20	-77.404095	39.030084

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FACTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
AJ1696	22.803748	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	65.64	PL20	-77.404136	39.030935
AJ1708	0.354849	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	100.00	PL20	-77.405285	39.028542
AJ1712	0.528037	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	100.00	PL20	-77.405038	39.029081
AJ1719	3.057069	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	12.88	PL19	-77.431798	39.021065
AJ1727	1.032450	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	0.02	PL19	-77.432572	39.017432
AJ1761	32.290601	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	54.57	PL20	-77.415005	39.045030
AJ1810	3.725950	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	55.75	PL20	-77.414417	39.046096
AJ1903	13.888591	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	62.80	PL20	-77.418527	39.049805
AJ193	12.217409	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	48.49	PL21	-77.378398	39.014327
AJ1989	11.741543	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	61.15	PL20	-77.414963	39.048543
AJ1993	5.657904	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	56.25	PL20	-77.414273	39.047583
AJ1996	10.827754	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	66.68	PL20	-77.413860	39.047777
AJ2011	4.474994	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	80.60	PL20	-77.414123	39.049380
AJ2026	7.196863	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	84.17	PL20	-77.413768	39.046492
AJ205	1.314841	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	56.98	PL21	-77.376526	39.013281
AJ2088	1.421829	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFA	60.51	PL20	-77.414652	39.049351
AJ2101	7.484414	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	63.09	PL20	-77.415994	39.052155
AJ2112	0.565248	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	44.56	PL20	-77.415714	39.052466
AJ2144	2.860430	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_RETAIL	21.82	PL17	-77.502918	38.957196
AJ2165	2.530858	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_RETAIL	100.00	PL17	-77.503034	38.956779
AJ2166	4.991977	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_RETAIL	100.00	PL17	-77.502937	38.956721
AJ2167	13.567536	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_RETAIL	100.00	PL17	-77.502951	38.956106
AJ2183	0.221679	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL17	-77.504503	38.960432
AJ2184	3.483711	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	79.00	PL17	-77.503645	38.960190
AJ2270	25.524183	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	72.34	PL18	-77.489626	38.968927
AJ2315	7.596799	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	99.95	PL18	-77.480666	38.979401
AJ241	5.687152	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_MFA	86.96	PL21	-77.374458	39.012378
AJ2428	15.867407	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	99.66	PL17	-77.481612	38.986709
AJ2436	63.004666	020700080902	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	90.48	PL18	-77.476785	38.981329
AJ2466	5.311778	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL17	-77.483656	38.985070
AJ2487	24.673607	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	90.33	PL17	-77.478417	38.988338
AJ2488	12.329745	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	87.93	PL17	-77.478106	38.988274
AJ2502	3.379270	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	99.72	PL17	-77.476410	38.989251
AJ2514	4.879687	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	96.90	PL17	-77.471881	38.987429
AJ2586	4.195452	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL17	-77.471825	38.990082
AJ26	12.853100	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	46.30	PL21	-77.384195	39.010248
AJ2658	7.103586	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	77.06	PL45	-77.507175	38.895052
AJ2662	10.326663	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	79.17	PL45	-77.507096	38.893830
AJ268	4.635721	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	50.19	PL21	-77.379041	39.009654
AJ2698	4.602091	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	61.72	PL45	-77.509708	38.898880
AJ27	0.075544	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	0.43	PL21	-77.384151	39.010252
AJ2710	0.674089	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	2.10	PL17	-77.551741	38.933968
AJ2734	30.034708	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	48.07	PL42	-77.551867	38.914431
AJ2735	5.590896	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	49.89	PL42	-77.550641	38.916582
AJ2786	1.180129	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	66.69	PL42	-77.552381	38.923691
AJ2787	58.480131	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	37.69	PL42	-77.552553	38.923798
AJ2788	33.673792	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	COM_OTHER_PUBLIC	81.50	PL42	-77.550772	38.923504
AJ2789	9.917781	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	76.07	PL42	-77.550996	38.923392
AJ2822	31.314584	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	MULTI_USE	72.23	PL17	-77.518310	38.936301
AJ2857	1.743244	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	57.68	PL17	-77.501594	39.004453
AJ2859	5.483403	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	55.76	PL17	-77.501777	39.003298
AJ2861	6.582543	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	36.15	PL19	-77.501219	39.008931
AJ2906	15.792550	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	62.48	PL17	-77.552828	38.932116
AJ2907	1.937915	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	68.74	PL17	-77.552042	38.932007
AJ291	26.709892	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	26.05	PL21	-77.376466	39.009725
AJ293	1.016387	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	48.93	PL21	-77.378587	39.009605
AJ2939	2.203118	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_RETAIL	30.79	PL17	-77.544959	38.939247
AJ2948	6.378479	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	61.65	PL42	-77.550708	38.916760
AJ2949	1.044496	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	58.75	PL42	-77.552033	38.917839
AJ2952	0.423677	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_RETAIL	99.85	PL45	-77.505983	38.923025

Loudoun County Virginia
Regulated MS4 Outfall Table

FCtid	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
AJ2956	16.500405	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	VACANT_ENTITLED	35.43	PL45	-77.506388	38.922072
AJ2958	13.964208	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_HEAVY_IND	35.14	PL45	-77.504937	38.924109
AJ2959	9.433280	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_HEAVY_IND	32.92	PL45	-77.504479	38.924027
AJ30	0.368470	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_OTHER_NON_PUBLIC	100.00	PL21	-77.384690	39.011160
AJ3030	8.166284	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFA	52.26	PL42	-77.551007	38.923067
AJ306	1.671701	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	54.29	PL21	-77.380518	39.010026
AJ3066	0.736321	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	0.37	PL19	-77.508994	39.008050
AJ3067	0.288426	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	10.33	PL19	-77.510354	39.008031
AJ3068	0.409311	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	0.15	PL19	-77.510671	39.008414
AJ3069	0.304063	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	0.06	PL19	-77.511249	39.008407
AJ3070	1.847260	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	42.49	PL19	-77.511708	39.008463
AJ3071	4.350785	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	56.13	PL19	-77.512870	39.006349
AJ3072	3.548789	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	52.98	PL19	-77.512333	39.006866
AJ3073	1.759447	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	53.11	PL19	-77.513459	39.005902
AJ3074	0.349544	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	52.50	PL19	-77.515216	39.004996
AJ3075	0.785010	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	54.89	PL19	-77.514444	39.005011
AJ3078	6.275898	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	69.66	PL17	-77.511142	39.000471
AJ3082	10.032562	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	70.12	PL17	-77.505172	39.003117
AJ3083	4.374808	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	66.45	PL17	-77.502651	39.004566
AJ3084	0.238235	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	0.40	PL17	-77.502569	39.005073
AJ3143	3.574482	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_RETAIL	51.95	PL45	-77.505291	38.923574
AJ3144	11.965860	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	VACANT_ENTITLED	41.63	PL45	-77.505441	38.923013
AJ315	1.819594	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_RETAIL	76.42	PL21	-77.376024	39.009859
AJ3248	8.686376	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	56.49	PL45	-77.532302	38.920568
AJ325	3.283227	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	26.41	PL21	-77.381055	39.010080
AJ3274	8.441680	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	51.51	PL19	-77.501700	39.009097
AJ3275	1.646972	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	84.57	PL19	-77.519629	39.032373
AJ3282	1.863110	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	75.96	PL17	-77.498741	39.006090
AJ3283	1.961591	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	78.45	PL17	-77.509134	39.003452
AJ3284	5.746034	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	68.49	PL17	-77.508813	39.004928
AJ3286	2.803946	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	83.82	PL19	-77.511182	39.006621
AJ329	1.614447	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	56.61	PL21	-77.381364	39.010266
AJ3319	0.122781	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	76.34	PL17	-77.551963	38.933543
AJ3320	3.392135	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	58.80	PL17	-77.552055	38.933555
AJ3321	34.800073	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	48.42	PL17	-77.551448	38.934285
AJ3348	4.344938	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	76.79	PL42	-77.549576	38.918442
AJ3364	1.105201	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_RETAIL	99.18	PL45	-77.506589	38.922435
AJ3367	2.511424	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	VACANT_ENTITLED	56.42	PL45	-77.506546	38.922330
AJ3375	7.529459	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	VACANT_ENTITLED	63.07	PL45	-77.483089	38.914833
AJ3379	58.480525	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	MULTI_USE	48.59	PL45	-77.473002	38.917847
AJ3393	2.707653	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	72.92	PL17	-77.545164	38.928378
AJ3394	0.812018	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	62.46	PL17	-77.545179	38.928461
AJ3438	1.366904	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	77.72	PL45	-77.522527	38.917312
AJ3439	0.660099	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	99.92	PL45	-77.522964	38.916869
AJ3440	10.572597	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	61.22	PL45	-77.523490	38.916710
AJ3443	1.026110	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	61.74	PL45	-77.524106	38.916754
AJ3444	8.204812	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	82.80	PL45	-77.520564	38.916207
AJ3482	1.088508	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	73.86	PL17	-77.508986	39.003964
AJ3526	26.510190	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	47.31	PL17	-77.533856	38.952709
AJ353	6.586381	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	36.89	PL21	-77.380196	39.009813
AJ3530	34.154552	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	40.00	PL17	-77.530303	38.981745
AJ3570	1.336129	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	13.74	PL17	-77.544376	38.933122
AJ360	2.406642	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	50.18	PL21	-77.379520	39.009410
AJ3604	10.910932	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	44.47	PL45	-77.520096	38.918036
AJ3605	7.129885	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	36.64	PL45	-77.519184	38.917586
AJ3608	7.975074	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	72.19	PL45	-77.529076	38.918037
AJ3610	1.847711	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	PUBLIC	45.97	PL45	-77.524452	38.917672
AJ3611	0.302033	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	71.74	PL45	-77.524528	38.917682
AJ3612	1.636646	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	63.46	PL45	-77.523526	38.917802
AJ3613	2.829039	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	PUBLIC	31.08	PL45	-77.522659	38.918519

Loudoun County Virginia
Regulated MS4 Outfall Table

FCITD	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
AJ3614	0.344737	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	0.12	PL45	-77.521961	38.918000
AJ3615	2.628315	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	51.69	PL45	-77.525158	38.917840
AJ3633	4.365157	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	30.79	PL45	-77.537313	38.912814
AJ365	2.431958	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	MULTI_USE	53.24	PL21	-77.378343	39.009344
AJ367	2.328226	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	MULTI_USE	100.00	PL21	-77.377499	39.009208
AJ3702	6.736508	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	24.35	PL17	-77.551187	38.934236
AJ3716	13.505408	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	70.38	PL17	-77.545034	38.932680
AJ3779	2.715052	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	17.07	PL17	-77.544191	38.933065
AJ3780	4.497211	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	52.98	PL17	-77.544207	38.933221
AJ3781	4.433100	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	50.12	PL17	-77.543933	38.933752
AJ3782	0.823841	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_MFA	68.91	PL17	-77.544093	38.934128
AJ3783	0.238536	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_MFA	49.00	PL17	-77.544222	38.934150
AJ3795	14.324205	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	65.32	PL42	-77.549077	38.919800
AJ381	43.391938	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	64.24	PL21	-77.396046	39.008152
AJ3819	0.511223	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	47.13	PL45	-77.528743	38.917814
AJ3821	0.360105	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	69.14	PL45	-77.528677	38.917753
AJ3823	1.305396	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	69.01	PL45	-77.525647	38.917911
AJ3824	1.394236	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	71.28	PL45	-77.526153	38.917856
AJ3825	1.572870	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	50.71	PL45	-77.526671	38.917773
AJ3826	1.312850	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	55.89	PL45	-77.526966	38.917625
AJ3827	1.338436	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	31.44	PL45	-77.527440	38.919860
AJ3828	1.413586	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	41.65	PL45	-77.526120	38.920047
AJ3829	0.817878	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	PUBLIC	21.11	PL45	-77.524858	38.919863
AJ3830	7.276262	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	71.82	PL45	-77.527906	38.920117
AJ3831	3.696348	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	61.17	PL45	-77.531047	38.920376
AJ3833	0.171758	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	7.88	PL45	-77.530966	38.920615
AJ3885	2.772247	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	78.65	PL17	-77.505453	39.006322
AJ39	0.714469	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	39.11	PL21	-77.383605	39.010535
AJ3906	3.330646	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	36.09	PL17	-77.544828	38.933239
AJ3907	5.902772	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	46.57	PL17	-77.545424	38.936022
AJ3938	1.481331	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_RETAIL	24.31	PL17	-77.546036	38.940220
AJ3940	1.891070	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	70.32	PL17	-77.545489	38.927489
AJ4064	5.597269	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	63.45	PL45	-77.532667	38.916368
AJ4065	6.955665	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	77.68	PL45	-77.531088	38.916103
AJ4068	0.498754	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	PUBLIC	0.31	PL45	-77.522537	38.920334
AJ4069	7.747202	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	54.52	PL45	-77.521883	38.920654
AJ4070	1.023885	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	44.15	PL45	-77.521873	38.920159
AJ4081	2.879036	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	65.84	PL17	-77.505559	39.006340
AJ4100	4.671240	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	43.34	PL17	-77.502585	39.005525
AJ4133	0.368241	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	1.58	PL17	-77.544987	38.935607
AJ4134	4.865842	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	41.85	PL17	-77.545674	38.936412
AJ4136	3.790567	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	47.04	PL17	-77.544559	38.934624
AJ4137	3.076658	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	49.99	PL17	-77.544608	38.933868
AJ4138	1.492223	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	50.63	PL17	-77.547849	38.937473
AJ4152	20.195698	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	62.10	PL17	-77.545135	38.931771
AJ4230	4.125326	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	65.01	PL45	-77.522507	38.921753
AJ4231	9.679704	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	64.53	PL45	-77.522909	38.922117
AJ4233	1.275955	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	23.64	PL45	-77.523840	38.922694
AJ4235	1.230648	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	1.07	PL45	-77.524505	38.922908
AJ4237	25.331431	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_RETAIL	67.80	PL45	-77.523895	38.923988
AJ4252	23.638136	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	38.06	PL45	-77.517487	38.918763
AJ4255	4.019973	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	78.86	PL45	-77.531094	38.914989
AJ4256	7.432470	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	52.77	PL45	-77.529415	38.921113
AJ4316	1.556260	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_CHURCH	99.90	PL17	-77.531869	38.951233
AJ4344	1.271878	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	70.00	PL42	-77.549173	38.919730
AJ437	8.508942	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	77.58	PL19	-77.412154	38.991272
AJ4412	1.170373	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	99.48	PL45	-77.536547	38.912590
AJ4413	1.539230	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	100.00	PL45	-77.535009	38.916809
AJ4414	3.882092	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	99.10	PL45	-77.536148	38.913025
AJ4417	5.705927	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	37.34	PL45	-77.525618	38.922530

Loudoun County Virginia
Regulated MS4 Outfall Table

FCID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
AJ442	13.918355	020700080902	No	Chesapeake Bay	Horsepen Run	RES_SFD	70.48	PL18	-77.409138	38.988959
AJ4449	12.029159	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	40.10	PL45	-77.535648	38.919285
AJ4451	4.281081	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	64.24	PL45	-77.536791	38.918273
AJ4453	41.397275	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	34.46	PL45	-77.537079	38.916993
AJ4507	4.929747	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OFFICE_GENERAL	68.87	PL17	-77.545274	38.938573
AJ4509	41.743857	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	45.02	PL42	-77.550259	38.914896
AJ4511	2.812528	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	72.89	PL42	-77.551584	38.919063
AJ452	7.125128	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	52.20	PL19	-77.408374	38.993138
AJ453	5.512883	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.88	PL19	-77.410250	38.993788
AJ4534	3.336155	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OFFICE_MEDICAL	12.80	PL17	-77.544905	38.939523
AJ454	4.975945	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	79.19	PL19	-77.412191	38.993992
AJ4544	1.570361	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	63.12	PL42	-77.551806	38.919462
AJ4547	5.729438	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	74.57	PL42	-77.552368	38.918408
AJ4548	2.880836	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	64.34	PL42	-77.551834	38.916846
AJ4589	0.051221	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	100.00	PL45	-77.536064	38.912625
AJ4590	5.567034	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	100.00	PL45	-77.533706	38.914221
AJ4591	12.805337	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	99.43	PL45	-77.533911	38.914737
AJ4594	17.427066	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	PUBLIC	32.53	PL17	-77.518288	38.929440
AJ467	11.082375	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	78.82	PL19	-77.413073	38.994603
AJ4710	1.733237	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	18.44	PL42	-77.550977	38.915887
AJ4736	12.727876	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	34.20	PL17	-77.544929	38.939278
AJ4742	0.238413	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run		0.00	PL17	-77.544846	38.939422
AJ4754	0.965283	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	55.06	PL17	-77.552859	38.932882
AJ4834	12.636282	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	MULTI_USE	36.57	PL17	-77.518351	38.941897
AJ4887	0.957193	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	20.20	PL42	-77.551256	38.915970
AJ496	17.407297	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	66.01	PL19	-77.413974	38.995819
AJ50	1.250335	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	52.21	PL21	-77.382824	39.010278
AJ516	2.117697	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	99.64	PL19	-77.402596	38.997843
AJ521	3.745320	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	76.04	PL19	-77.403540	38.997278
AJ530	3.999481	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	55.94	PL21	-77.366477	39.042426
AJ531	10.839746	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	60.74	PL21	-77.366455	39.042378
AJ534	28.724287	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	64.98	PL21	-77.367978	39.045670
AJ552	1.879118	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	100.00	PL19	-77.404349	38.996694
AJ564	0.623585	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	2.99	PL19	-77.409658	38.998402
AJ569	22.836828	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	90.87	PL19	-77.409395	38.998040
AJ573	3.225940	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	41.12	PL19	-77.409456	38.997319
AJ575	2.131087	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	45.27	PL19	-77.408756	38.996324
AJ577	0.290040	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	14.67	PL19	-77.408436	38.996093
AJ581	2.389309	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	46.44	PL19	-77.408276	38.995962
AJ599	3.228681	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	99.99	PL19	-77.405804	38.995912
AJ600	1.019606	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	100.00	PL19	-77.406277	38.995608
AJ601	1.880381	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	100.00	PL19	-77.406661	38.995397
AJ604	0.076533	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	100.00	PL19	-77.407253	38.995536
AJ736	1.578010	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	92.86	PL19	-77.419940	39.008597
AJ737	1.000770	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL19	-77.419790	39.009178
AJ79	2.040867	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_OTHER_NON_PUBLIC	52.61	PL21	-77.385915	39.011900
AJ811	30.542626	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	63.79	PL19	-77.418493	39.016727
AJ84	6.052237	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_OTHER_NON_PUBLIC	59.42	PL21	-77.384442	39.012075
AJ846	2.885035	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	86.67	PL19	-77.416022	39.016243
AJ848	5.142913	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	77.86	PL19	-77.415539	39.015981
AJ856	40.660547	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	43.90	PL19	-77.413545	39.015534
AJ867	9.365923	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	15.93	PL19	-77.413389	39.015533
AJ869	5.092150	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	52.79	PL19	-77.413771	39.015146
AJ882	6.138270	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	71.75	PL19	-77.421453	39.020514
AJ887	16.562407	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	42.11	PL19	-77.421666	39.020597
AJ888	0.324532	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	0.02	PL19	-77.421694	39.020607
AJ905	3.358621	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	77.37	PL19	-77.418997	39.021438
AJ911	6.093774	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	60.11	PL19	-77.419237	39.021482
AJ940	14.261924	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	65.71	PL19	-77.421880	39.016050
AJ942	12.444706	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	98.21	PL19	-77.423205	39.016695

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
AJ950	0.540448	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	74.80	PL19	-77.411905	39.021897
AJ951	0.106771	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL19	-77.411915	39.021887
AJ972	27.646600	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	45.88	PL19	-77.415176	39.023104
AJ98	8.000090	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_CHURCH	49.94	PL21	-77.387978	39.016127
BC107	0.430087	020700080902	No	Chesapeake Bay	Horsepen Run	COM_RETAIL	91.66	PL18	-77.437017	38.978891
BC33	3.149950	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	MISC	100.00	PL21	-77.371077	39.017142
BC6	4.716324	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	63.17	PL45	-77.489173	38.895204
CH10003	2.544111	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	0.03	PL19	-77.514021	39.029194
CH10007	6.751357	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	38.68	PL19	-77.515164	39.030765
CH10013	2.027766	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	67.83	PL19	-77.515665	39.030071
CH10014	2.729570	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	64.64	PL19	-77.517285	39.028131
CH10020	1.665702	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	66.08	PL19	-77.516060	39.028931
CH10022	0.763964	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	60.15	PL19	-77.523999	39.026660
CH10025	2.718293	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	53.81	PL19	-77.524622	39.026561
CH10028	2.698995	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	71.48	PL19	-77.524772	39.026079
CH1003	2.143879	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	77.57	PL21	-77.367590	39.049255
CH10030	0.659555	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	49.14	PL19	-77.524949	39.025785
CH10033	2.812170	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	82.98	PL19	-77.523581	39.026405
CH10034	1.560680	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	59.77	PL19	-77.523477	39.026358
CH10041	6.946141	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	63.98	PL19	-77.525293	39.025516
CH10049	2.039533	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	50.52	PL19	-77.522053	39.025984
CH10071	2.377281	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	49.46	PL19	-77.518849	39.024509
CH10072	6.656008	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	71.15	PL19	-77.518796	39.024484
CH1008	3.631304	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	66.56	PL21	-77.367341	39.049732
CH10087	1.141222	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	58.07	PL19	-77.516290	39.023560
CH10088	1.355553	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	60.43	PL19	-77.516358	39.023576
CH10119	6.345526	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.52	PL19	-77.517251	39.020774
CH1014	1.984420	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	72.15	PL21	-77.365871	39.049510
CH10144	8.940804	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	71.57	PL19	-77.526030	39.025766
CH10168	17.536517	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	73.79	PL19	-77.523745	39.027992
CH102	1.384133	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	70.57	PL21	-77.351295	39.036045
CH10202	17.106730	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	52.41	PL19	-77.520894	39.029023
CH10206	7.382880	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	70.58	PL19	-77.518962	39.029195
CH1022	14.315363	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	81.31	PL21	-77.367875	39.051030
CH10236	1.893502	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	72.05	PL19	-77.522700	39.027538
CH10253	1.749843	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	67.15	PL19	-77.521598	39.021359
CH10271	6.283317	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.37	PL19	-77.520162	39.020066
CH10273	16.095536	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	62.74	PL19	-77.520171	39.019952
CH10308	5.223011	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	68.17	PL19	-77.514737	39.028724
CH10318	2.552217	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	82.41	PL19	-77.513930	39.026206
CH10322	2.213350	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	61.36	PL19	-77.520757	39.027092
CH10333	1.427352	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	72.80	PL19	-77.519442	39.028534
CH10336	0.973456	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	65.15	PL19	-77.517873	39.027281
CH10338	2.936764	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	67.50	PL19	-77.516262	39.025987
CH10345	4.543024	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	83.19	PL19	-77.518079	39.026676
CH10349	1.386547	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	65.90	PL19	-77.515670	39.027760
CH10352	0.966280	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	67.87	PL19	-77.514804	39.026705
CH10361	5.387718	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	69.24	PL19	-77.514631	39.026112
CH10387	10.810860	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	76.88	PL19	-77.514304	39.026002
CH10413	1.256135	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	65.07	PL19	-77.496247	39.024448
CH10421	1.382497	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	63.07	PL19	-77.496418	39.022940
CH10437	8.211330	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	46.87	PL19	-77.494889	39.022516
CH10438	0.723013	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	42.68	PL19	-77.495083	39.022487
CH10439	0.412469	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	64.67	PL19	-77.495609	39.022609
CH10442	0.958680	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	79.59	PL19	-77.496517	39.022462
CH10445	0.593461	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	58.69	PL19	-77.496377	39.021938
CH10460	9.252245	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	46.66	PL19	-77.496577	39.021312
CH10474	1.995877	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	20.77	PL19	-77.496659	39.019506
CH10487	6.137810	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	76.78	PL16	-77.503166	39.087608
CH10504	4.472479	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	63.00	PL16	-77.502637	39.087405

Loudoun County Virginia
Regulated MS4 Outfall Table

FCITID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
CH10507	0.019010	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	MULTI_USE	89.23	PL16	-77.502542	39.087753
CH10510	0.393159	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	MULTI_USE	87.04	PL16	-77.502720	39.088041
CH10518	17.897861	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	COM_OTHER_PUBLIC	51.60	PL16	-77.501902	39.085881
CH10547	6.801573	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	43.61	PL16	-77.498112	39.084310
CH1056	3.450999	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	73.77	PL21	-77.368979	39.051936
CH10565	19.020608	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	COM_OTHER_PUBLIC	55.75	PL16	-77.499752	39.084849
CH10599	82.035415	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	26.50	PL20	-77.488956	39.091055
CH1061	24.785834	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	60.03	PL21	-77.372602	39.051580
CH10672	5.126196	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	VACANT_ENTITLED	80.43	PL16	-77.498500	39.085091
CH10695	4.000263	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	98.47	PL19	-77.510367	39.014344
CH10714	9.677208	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	97.75	PL19	-77.507858	39.013679
CH10743	8.850698	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	64.87	PL19	-77.510175	39.013831
CH10769	2.970503	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	60.03	PL19	-77.508624	39.013236
CH10790	7.552043	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	58.17	PL19	-77.506923	39.011940
CH10793	2.405758	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	57.55	PL19	-77.504254	39.010879
CH10803	2.883459	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	56.05	PL19	-77.505206	39.011198
CH10808	0.771700	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	52.10	PL19	-77.506035	39.011782
CH10819	2.518779	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	28.78	PL19	-77.505972	39.009375
CH10838	9.604233	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	38.78	PL19	-77.508120	39.009779
CH10851	0.554462	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	31.22	PL19	-77.511006	39.010348
CH10864	3.065341	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	53.98	PL19	-77.511367	39.009122
CH10896	5.477371	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	32.95	PL19	-77.511696	39.014423
CH10904	0.968679	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.500095	39.014028
CH10906	1.372835	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.499992	39.013626
CH10913	3.261327	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	70.79	PL19	-77.499763	39.015428
CH1092	11.655329	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	27.59	PL21	-77.375017	39.051729
CH10925	2.456822	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	97.85	PL19	-77.499541	39.013644
CH10933	2.133859	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	94.27	PL19	-77.499037	39.013994
CH10936	0.663476	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	86.63	PL19	-77.498446	39.014496
CH1095	2.066414	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_OTHER_NON_PUBLIC	27.64	PL21	-77.376322	39.050938
CH10951	1.534927	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	0.06	PL19	-77.512430	39.009151
CH10953	2.613830	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	35.47	PL19	-77.513272	39.009123
CH10964	11.552557	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	94.72	PL19	-77.499609	39.012842
CH11021	4.309517	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	41.30	PL14	-77.527906	39.023247
CH11025	2.496892	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	29.98	PL14	-77.528524	39.022464
CH11026	6.242356	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	38.88	PL14	-77.529164	39.021623
CH11032	1.352714	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	10.25	PL14	-77.531270	39.020360
CH11033	9.054331	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	33.73	PL14	-77.531703	39.020339
CH11041	7.380159	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	60.74	PL19	-77.503834	39.065759
CH1111	2.306115	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	60.60	PL21	-77.377138	39.052247
CH1114	10.352147	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	32.01	PL21	-77.378793	39.052381
CH11150	5.903078	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	MULTI_USE	21.66	PL16	-77.503270	39.089512
CH11190	2.346383	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	33.03	PL16	-77.500136	39.086279
CH11192	1.625953	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	0.12	PL16	-77.500003	39.086605
CH11203	8.138732	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	47.39	PL16	-77.498157	39.086853
CH11293	8.473625	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	72.82	PL20	-77.486208	39.078452
CH11324	3.572215	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	MULTI_USE	11.62	PL16	-77.497106	39.082728
CH11325	80.877887	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	26.50	PL16	-77.497577	39.082498
CH11348	6.658900	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	83.02	PL16	-77.510289	39.088859
CH11358	0.618375	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	50.76	PL16	-77.512290	39.089789
CH1136	16.429987	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	MULTI_USE	49.47	PL21	-77.380811	39.052831
CH11360	16.441737	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	38.99	PL16	-77.512997	39.089958
CH11395	1.187055	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	43.93	PL16	-77.508231	39.089719
CH11396	15.054298	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	75.49	PL16	-77.508567	39.089569
CH11401	3.421676	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	67.41	PL16	-77.509730	39.088781
CH1141	0.902029	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	66.35	PL21	-77.381835	39.052839
CH11425	1.832499	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	69.42	PL16	-77.512976	39.089311
CH11430	6.186090	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	72.81	PL16	-77.514366	39.088297
CH11440	1.989331	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	81.12	PL16	-77.516358	39.089839
CH11467	1.555680	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	72.31	PL16	-77.507603	39.100323

Loudoun County Virginia
Regulated MS4 Outfall Table

FCITD	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
CH11469	1.460021	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	65.25	PL16	-77.506002	39.100035
CH11479	7.533843	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	79.83	PL16	-77.505780	39.099956
CH11490	14.388730	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	59.16	PL16	-77.508643	39.099616
CH11499	0.522957	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	0.01	PL16	-77.513740	39.097532
CH11501	4.707423	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFA	46.23	PL16	-77.514191	39.097650
CH11508	7.709858	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	61.71	PL16	-77.512856	39.097476
CH11566	6.218776	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	62.47	PL19	-77.427879	39.008027
CH1237	3.109254	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	21.24	PL21	-77.367953	39.045652
CH1243	16.084085	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	71.16	PL21	-77.369695	39.046448
CH125	14.520504	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	59.89	PL21	-77.354430	39.036428
CH1275	1.011410	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	MULTI_USE	96.20	PL21	-77.375808	39.050212
CH130	0.800026	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	60.37	PL21	-77.354386	39.037033
CH132	1.981132	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	48.14	PL21	-77.354346	39.036503
CH1342	0.596664	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_RETAIL	99.79	PL21	-77.378555	39.050143
CH140	4.520168	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	45.02	PL21	-77.353211	39.037731
CH144	0.251031	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	51.04	PL21	-77.354607	39.037692
CH1510	2.079325	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	67.03	PL21	-77.365151	39.043237
CH1513	4.283256	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	59.89	PL21	-77.363522	39.042713
CH1517	5.727589	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	56.66	PL21	-77.363846	39.041442
CH1524	3.617133	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	68.61	PL21	-77.365048	39.038718
CH1532	20.997056	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	47.83	PL21	-77.365726	39.037326
CH1543	4.190247	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	62.95	PL21	-77.365539	39.036495
CH1545	53.132696	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	44.72	PL21	-77.365423	39.034906
CH1593	1.218752	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	65.16	PL21	-77.365290	39.033088
CH162	0.551021	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	0.64	PL21	-77.354713	39.035923
CH1693	2.487666	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	63.25	PL21	-77.368747	39.029669
CH1697	1.394482	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	75.50	PL21	-77.370052	39.031640
CH17	1.296729	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	64.34	PL21	-77.356999	39.030708
CH1701	4.512620	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	75.91	PL21	-77.368375	39.030835
CH1703	8.013285	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	68.94	PL21	-77.370311	39.032525
CH1714	4.692815	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	58.49	PL21	-77.364210	39.030127
CH1719	0.927746	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	63.92	PL21	-77.365784	39.030778
CH1726	18.163882	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	79.00	PL21	-77.371655	39.030736
CH1732	1.085042	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	69.33	PL21	-77.370093	39.030331
CH1742	21.157144	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	67.00	PL21	-77.372788	39.030701
CH1753	6.038193	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	77.57	PL21	-77.367422	39.031451
CH1755	1.462075	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	65.13	PL21	-77.373001	39.030226
CH177	1.125576	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	35.89	PL21	-77.351228	39.038183
CH1820	6.943917	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	77.06	PL21	-77.384801	39.033136
CH1822	2.176840	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	100.00	PL21	-77.383562	39.032838
CH1833	13.856403	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	65.50	PL21	-77.367569	39.041759
CH1854	7.189146	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	62.21	PL21	-77.371345	39.041041
CH1858	5.381194	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	52.90	PL21	-77.372248	39.040264
CH1864	3.711672	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	59.82	PL21	-77.367671	39.042061
CH1867	11.954228	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	62.28	PL21	-77.370595	39.042128
CH188	39.726292	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	34.29	PL21	-77.349453	39.040809
CH1895	36.731920	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	58.57	PL21	-77.370745	39.042004
CH1896	1.865973	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	67.85	PL21	-77.371371	39.041536
CH1901	3.387294	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	67.24	PL21	-77.372169	39.040671
CH1905	6.198428	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	60.51	PL21	-77.373600	39.039833
CH1917	0.943555	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	94.04	PL21	-77.377758	39.039120
CH1919	39.528161	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	37.13	PL21	-77.376259	39.039188
CH1950	49.644712	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	33.66	PL21	-77.379278	39.038109
CH1951	0.900853	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	80.84	PL21	-77.379283	39.038098
CH1952	50.224515	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_OTHER_PUBLIC	29.13	PL21	-77.379064	39.037927
CH1994	48.651291	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	43.29	PL21	-77.373340	39.039485
CH20	4.649210	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	63.01	PL21	-77.359197	39.028939
CH2085	3.477405	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	65.09	PL21	-77.374507	39.039168
CH2091	5.377873	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	68.35	PL21	-77.375242	39.038926
CH2095	0.629299	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	51.38	PL21	-77.377193	39.037974

Loudoun County Virginia
Regulated MS4 Outfall Table

FCID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
CH2096	8.264366	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	53.85	PL21	-77.377455	39.037570
CH2125	16.265018	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	47.54	PL21	-77.377868	39.037553
CH216	0.574789	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	62.90	PL21	-77.351787	39.037824
CH2167	11.712692	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	63.13	PL21	-77.383899	39.006414
CH218	1.047298	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	54.55	PL21	-77.352037	39.037900
CH219	0.230723	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	60.85	PL21	-77.352086	39.037909
CH2201	3.498597	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	81.72	PL21	-77.382247	39.006069
CH2204	6.768651	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	68.23	PL21	-77.380817	39.006122
CH2224	19.381312	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	57.44	PL21	-77.386302	39.006723
CH2238	8.150555	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	67.76	PL21	-77.387881	39.007176
CH2243	2.075344	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	66.88	PL21	-77.390652	39.007533
CH2247	50.415178	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	70.21	PL21	-77.389798	39.007707
CH2254	4.663068	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_CHURCH	55.96	PL21	-77.391410	39.007095
CH2260	2.583562	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	61.78	PL21	-77.394452	39.007638
CH2261	3.203047	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	61.73	PL21	-77.394457	39.007637
CH2270	2.218544	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	81.12	PL21	-77.395535	39.007821
CH2275	1.303533	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	59.56	PL21	-77.395164	39.007844
CH2287	1.235835	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	65.19	PL21	-77.394766	39.005610
CH2295	2.570577	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	42.18	PL21	-77.396185	39.003925
CH2296	54.730534	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	44.58	PL21	-77.396319	39.003976
CH2334	10.541952	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	45.71	PL21	-77.394108	39.005378
CH234	2.761576	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	52.27	PL21	-77.353986	39.038467
CH2351	1.120286	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	73.69	PL21	-77.391587	39.002686
CH2359	3.613183	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	48.05	PL21	-77.391195	39.003895
CH2378	12.268243	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	43.27	PL21	-77.393717	39.005892
CH2385	2.264278	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	42.81	PL21	-77.390475	39.005227
CH2386	6.614003	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	49.14	PL21	-77.390415	39.005226
CH239	0.895597	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	54.63	PL21	-77.352884	39.038044
CH2399	1.248658	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	71.58	PL21	-77.389873	39.006051
CH24	36.667381	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	65.24	PL21	-77.359230	39.031095
CH2414	1.654323	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	62.98	PL21	-77.390283	39.006364
CH2418	9.897893	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	72.81	PL21	-77.391667	39.001918
CH2419	4.605908	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	74.54	PL21	-77.391717	39.001927
CH2477	46.277232	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	68.24	PL21	-77.386810	39.004718
CH248	2.334622	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	52.52	PL21	-77.354340	39.040444
CH2485	27.701529	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	63.36	PL21	-77.384864	39.003157
CH249	10.648899	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	49.17	PL21	-77.354302	39.040457
CH2511	1.419916	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	62.48	PL21	-77.385166	39.003376
CH2515	2.805645	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	85.85	PL21	-77.386244	39.005450
CH2517	1.490095	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	55.03	PL21	-77.384259	39.005006
CH2531	5.759179	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	63.77	PL21	-77.383452	39.004502
CH2569	2.655862	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	67.76	PL21	-77.386972	39.006041
CH2645	5.527661	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	62.43	PL21	-77.392496	38.998849
CH2646	14.557083	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	56.63	PL21	-77.392547	38.998866
CH2650	5.421763	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	75.97	PL21	-77.392191	38.999886
CH2657	11.394005	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	78.60	PL21	-77.392055	39.000707
CH266	4.535720	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	52.73	PL21	-77.351618	39.041103
CH269	1.652815	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	55.02	PL21	-77.352437	39.041318
CH2696	12.280589	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	78.31	PL21	-77.392335	38.999941
CH277	2.166926	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	66.21	PL21	-77.350981	39.037781
CH2786	36.144318	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	51.23	PL21	-77.396125	39.007976
CH284	6.476966	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	68.16	PL21	-77.350462	39.037598
CH2874	72.907128	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	69.87	PL21	-77.392764	38.997952
CH2875	19.334870	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	76.16	PL21	-77.392801	38.997963
CH2959	2.986806	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	72.91	PL19	-77.418335	39.007124
CH2965	8.853655	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	71.55	PL19	-77.416611	39.007076
CH2970	3.209131	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	63.25	PL19	-77.414916	39.004745
CH2975	13.471062	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	62.68	PL19	-77.414258	39.003990
CH2980	2.307383	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	72.89	PL19	-77.412935	39.003433
CH2985	3.996330	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	72.83	PL19	-77.412074	39.001852

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
CH2995	2.730149	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	78.84	PL19	-77.411598	39.000384
CH2999	3.671381	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	68.72	PL19	-77.411326	39.000020
CH3	60.575104	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	16.63	PL21	-77.355886	39.031295
CH3003	3.343019	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	67.93	PL19	-77.409991	38.998981
CH301	1.184894	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	76.44	PL21	-77.348944	39.037501
CH3016	3.935697	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.81	PL19	-77.419519	39.003357
CH3023	6.737882	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	75.25	PL19	-77.419732	39.004451
CH3025	2.950398	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	79.69	PL19	-77.419922	39.005590
CH3035	6.334133	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	68.82	PL19	-77.419314	39.002181
CH3038	71.840689	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	43.42	PL19	-77.419336	39.002072
CH3052	12.223412	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	48.35	PL19	-77.418159	39.001076
CH3055	4.079909	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	90.92	PL19	-77.416939	39.001377
CH3064	6.423384	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	60.63	PL19	-77.416928	39.000035
CH3071	4.053356	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	73.65	PL19	-77.415729	38.999052
CH3076	7.725149	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	76.96	PL19	-77.414905	38.998572
CH3081	2.651960	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	86.29	PL19	-77.414644	38.997854
CH3088	5.077523	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	78.30	PL19	-77.414440	38.997327
CH3112	2.595956	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	72.93	PL19	-77.420232	39.005208
CH3122	12.993615	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.25	PL19	-77.419680	39.003361
CH3197	11.381789	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	89.54	PL19	-77.418658	39.000148
CH3199	2.595380	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.417833	39.000368
CH3214	8.169283	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	93.83	PL19	-77.416746	38.999388
CH3215	0.826818	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	78.88	PL19	-77.415330	38.998072
CH3232	1.533934	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	100.00	PL19	-77.415132	38.997543
CH3240	20.225480	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	58.27	PL19	-77.414315	38.996230
CH336	4.224808	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_OTHER_PUBLIC	78.33	PL21	-77.349944	39.043045
CH3360	59.277381	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	28.63	PL19	-77.405345	39.002094
CH3361	2.292564	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	79.30	PL19	-77.405349	39.002126
CH3376	3.954903	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.406619	39.002166
CH3418	14.201626	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	78.07	PL18	-77.426323	38.994463
CH3439	0.782120	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	88.22	PL18	-77.424952	38.993700
CH3440	1.436808	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.424987	38.993847
CH3442	1.510167	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	52.42	PL18	-77.425102	38.994075
CH3447	1.496333	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	74.38	PL18	-77.425327	38.993437
CH3449	0.201251	020700080902	No	Chesapeake Bay	Horsepen Run	COM_CHURCH	99.94	PL18	-77.425096	38.993650
CH3463	3.304079	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.430251	38.994791
CH3485	1.212975	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.425365	38.993525
CH3488	0.625912	020700080902	No	Chesapeake Bay	Horsepen Run	COM_CHURCH	82.42	PL18	-77.425697	38.992903
CH3489	6.237368	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	96.83	PL18	-77.425790	38.992890
CH3500	6.941535	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	45.53	PL18	-77.425203	38.991604
CH3521	13.382928	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	66.16	PL18	-77.431363	38.991368
CH357	5.036099	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_OTHER_PUBLIC	100.00	PL21	-77.351579	39.041336
CH3631	13.847561	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	37.41	PL19	-77.434601	39.001355
CH3632	4.984336	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	100.00	PL19	-77.434635	39.001307
CH3711	3.621627	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	52.67	PL19	-77.426942	39.002090
CH3717	29.083944	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	27.76	PL19	-77.427818	39.002113
CH3718	8.369406	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	50.91	PL19	-77.427862	39.002253
CH3728	3.542564	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	53.37	PL19	-77.427422	39.002764
CH3760	2.097729	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	62.32	PL19	-77.425370	39.002306
CH3786	13.662628	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	64.39	PL19	-77.422506	39.006119
CH3882	70.942686	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	19.36	PL19	-77.423720	39.002271
CH3897	1.146936	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	70.08	PL19	-77.423064	39.003811
CH3900	7.583041	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	73.42	PL19	-77.422293	39.005064
CH3916	2.031196	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	52.16	PL19	-77.421299	39.006178
CH3928	3.396313	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	47.83	PL19	-77.420987	39.007106
CH3929	17.394121	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	36.14	PL19	-77.421079	39.007327
CH4029	5.247696	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	99.51	PL19	-77.429292	39.011459
CH4030	2.551547	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	100.00	PL19	-77.429285	39.011476
CH4050	3.737241	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	25.59	PL19	-77.428032	39.016787
CH4085	8.725895	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	22.42	PL19	-77.420588	39.007367

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
CH4089	0.588996	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	31.63	PL19	-77.420313	39.007223
CH4104	4.616609	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	32.00	PL19	-77.414983	39.006345
CH4113	105.898198	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	70.75	PL19	-77.412244	39.005494
CH4151	4.896281	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	55.33	PL19	-77.421440	39.007589
CH4177	3.288009	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	50.96	PL19	-77.421231	39.010314
CH4182	3.101317	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	38.37	PL19	-77.422495	39.010400
CH4193	4.008858	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	51.30	PL19	-77.424266	39.010439
CH4205	3.888955	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	53.16	PL19	-77.425266	39.009747
CH4211	4.830176	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	52.62	PL19	-77.426119	39.009121
CH4214	2.029702	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	32.90	PL19	-77.426421	39.008961
CH4252	0.187830	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	23.99	PL19	-77.429150	39.011587
CH4275	4.001373	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	18.01	PL19	-77.414256	38.996422
CH4286	6.786593	020700080902	No	Chesapeake Bay	Horsepen Run	MISC	38.48	PL18	-77.427665	38.989687
CH4308	2.889542	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	100.00	PL19	-77.427376	39.014420
CH4315	0.457218	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	93.23	PL19	-77.428322	39.013078
CH4317	3.299744	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	99.25	PL19	-77.427845	39.013408
CH4335	1.112829	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL19	-77.426023	39.012145
CH4336	0.607965	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL19	-77.426059	39.012448
CH4348	1.936675	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL19	-77.427344	39.013684
CH4351	1.010031	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	99.64	PL19	-77.428692	39.012312
CH4353	0.558977	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL19	-77.428428	39.012920
CH4361	5.224652	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	91.19	PL19	-77.425914	39.011547
CH438	6.267884	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	47.85	PL21	-77.349616	39.043200
CH4383	0.605294	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	50.89	PL19	-77.425689	39.010242
CH4393	6.414238	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	36.70	PL19	-77.426821	39.008698
CH4394	1.099787	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	56.85	PL19	-77.426763	39.008581
CH444	52.963414	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	50.65	PL21	-77.349144	39.043602
CH4517	2.150487	020700080902	No	Chesapeake Bay	Horsepen Run		0.00	PL18	-77.429871	38.983656
CH4574	5.626584	020700080902	No	Chesapeake Bay	Horsepen Run	VACANT_UNENTITLED	57.83	PL18	-77.422692	38.963975
CH4589	7.658425	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	46.20	PL19	-77.414933	39.015277
CH4609	11.524047	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	44.83	PL19	-77.418897	39.014857
CH462	1.352942	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	51.34	PL21	-77.349994	39.043093
CH4620	0.632913	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	64.16	PL19	-77.416215	39.015525
CH4624	2.566057	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	41.21	PL19	-77.420018	39.014893
CH4647	9.112902	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	45.78	PL19	-77.421592	39.011132
CH466	1.516851	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	50.36	PL21	-77.351170	39.043116
CH4667	1.663723	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	16.42	PL19	-77.422192	39.011129
CH4683	9.258391	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	54.73	PL19	-77.422350	39.015869
CH469	0.745989	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	53.00	PL21	-77.351553	39.043556
CH4704	14.875845	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	62.48	PL19	-77.424115	39.011426
CH4738	4.979565	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	70.22	PL19	-77.425375	39.013974
CH478	18.060197	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	49.74	PL21	-77.351668	39.043734
CH4807	11.703085	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	78.21	PL19	-77.419883	39.009662
CH4818	3.263480	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	61.41	PL19	-77.420614	39.010662
CH4837	8.346624	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	36.73	PL21	-77.382449	39.052634
CH4840	0.545376	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	59.11	PL21	-77.383253	39.052901
CH4842	2.649029	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	53.32	PL21	-77.383900	39.052791
CH4855	3.641700	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	62.28	PL21	-77.384530	39.052945
CH4856	1.867175	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	60.21	PL21	-77.385201	39.053052
CH4864	47.365805	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	33.05	PL21	-77.386017	39.052126
CH4868	1.601075	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	61.42	PL21	-77.386537	39.053039
CH4874	28.919707	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_MFA	24.99	PL21	-77.387719	39.052747
CH492	0.910118	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	29.62	PL21	-77.352027	39.043284
CH5013	11.283782	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	59.45	PL20	-77.394957	39.050433
CH5032	3.751830	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	100.00	PL20	-77.392116	39.062934
CH5044	3.473279	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	54.27	PL20	-77.395928	39.050267
CH5052	3.474798	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_PUBLIC	4.50	PL20	-77.397180	39.050948
CH5143	7.054317	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	78.26	PL20	-77.394926	39.045537
CH5161	8.027772	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	75.49	PL20	-77.392954	39.044019
CH5181	0.296488	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	32.68	PL20	-77.398294	39.048915

Loudoun County Virginia
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FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
CH5184	6.713198	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	57.43	PL20	-77.397903	39.048464
CH5203	3.593272	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	68.98	PL20	-77.398393	39.048887
CH5215	6.180666	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	66.59	PL20	-77.397825	39.049912
CH5257	4.348339	020700080905	Yes	Sugarland Run (Bacterial), Chesapeake Bay	Sugarland Run	COM_OTHER_PUBLIC	100.00	PL21	-77.391229	39.053107
CH5258	33.617811	020700080905	Yes	Sugarland Run (Bacterial), Chesapeake Bay	Sugarland Run	RES_SFD	46.32	PL21	-77.390879	39.053019
CH5272	19.357158	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	44.91	PL20	-77.394208	39.051107
CH5282	51.607409	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	63.60	PL20	-77.390728	39.043632
CH5289	1.022074	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	68.04	PL20	-77.390974	39.043545
CH5323	4.394871	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	67.47	PL20	-77.392588	39.043347
CH5329	18.572962	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	83.58	PL20	-77.391432	39.040904
CH5442	7.186082	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_PUBLIC	41.22	PL20	-77.393845	39.042959
CH5448	2.005016	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	0.05	PL20	-77.393105	39.043859
CH5453	3.029804	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_NON_PUBLIC	29.63	PL20	-77.393572	39.043765
CH5476	13.956102	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	44.91	PL20	-77.398552	39.038404
CH5491	1.057642	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	14.68	PL20	-77.399184	39.038794
CH5507	13.093919	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	56.82	PL20	-77.393475	39.042058
CH5523	16.525047	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	32.79	PL20	-77.391520	39.039409
CH5590	3.637479	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	46.58	PL20	-77.395507	39.036161
CH5595	1.641058	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFA	51.63	PL20	-77.395980	39.036849
CH5597	1.085208	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFA	59.16	PL20	-77.396231	39.037405
CH5605	14.430496	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_PUBLIC	35.40	PL20	-77.396950	39.038204
CH5612	0.461431	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	67.20	PL20	-77.397944	39.039155
CH5624	1.320369	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_PUBLIC	68.75	PL20	-77.397408	39.039923
CH565	1.436245	020700080905	Yes	Sugarland Run (Bacterial), Chesapeake Bay	Sugarland Run	COM_CHURCH	1.36	PL21	-77.352620	39.042243
CH5688	78.819402	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_PUBLIC	54.17	PL20	-77.391696	39.035540
CH5689	14.486988	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_PUBLIC	52.03	PL20	-77.391908	39.035639
CH5704	0.707215	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	53.19	PL20	-77.394678	39.035537
CH5708	37.478560	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	49.04	PL20	-77.395696	39.035701
CH5744	1.772374	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	53.78	PL20	-77.391513	39.036068
CH5757	2.990550	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	77.22	PL20	-77.391726	39.037896
CH5829	0.827084	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_NON_PUBLIC	87.63	PL20	-77.394604	39.044324
CH5836	1.996092	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_NON_PUBLIC	77.85	PL20	-77.395833	39.044475
CH5843	9.628322	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_MFA	62.30	PL20	-77.396569	39.043250
CH5861	8.170024	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	72.22	PL20	-77.395965	39.044601
CH5894	13.943344	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	80.46	PL20	-77.401190	39.045788
CH5916	1.335106	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	72.52	PL20	-77.401934	39.043727
CH5926	5.215357	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	74.12	PL20	-77.400932	39.042860
CH5950	12.243039	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	37.34	PL20	-77.401270	39.041847
CH5959	4.336092	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	91.93	PL20	-77.399696	39.039535
CH5961	3.260108	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	58.87	PL20	-77.401981	39.041589
CH5975	9.507087	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	62.77	PL20	-77.403367	39.040482
CH6012	10.285811	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	51.64	PL20	-77.400264	39.039107
CH6014	0.891806	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	59.91	PL20	-77.400440	39.039536
CH6023	0.902079	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFA	38.20	PL20	-77.399689	39.038843
CH6047	3.956225	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	34.15	PL20	-77.405593	39.038120
CH6052	10.420832	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	40.00	PL20	-77.404343	39.039275
CH6126	5.682081	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	53.44	PL20	-77.406168	39.036049
CH6128	1.393915	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	99.39	PL20	-77.403559	39.034434
CH6138	6.084708	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	64.73	PL20	-77.404786	39.035263
CH6139	0.112814	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	98.95	PL20	-77.404913	39.035238
CH6142	6.772042	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	78.00	PL20	-77.402704	39.033971
CH617	4.330787	020700080905	Yes	Sugarland Run (Bacterial), Chesapeake Bay	Sugarland Run	RES_SFD	61.24	PL21	-77.342159	39.047184
CH6170	4.058468	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	99.50	PL20	-77.404146	39.033465
CH6179	3.679345	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	52.22	PL20	-77.405546	39.034735
CH62	2.199448	020700080905	Yes	Sugarland Run (Bacterial), Chesapeake Bay	Sugarland Run	RES_SFD	68.96	PL21	-77.358080	39.030732
CH6203	1.122124	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	87.28	PL20	-77.401554	39.033666
CH6223	5.504897	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	26.99	PL20	-77.405580	39.035095
CH6225	1.271887	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	15.67	PL20	-77.405682	39.035186
CH6256	5.496803	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	99.52	PL20	-77.408708	39.035440
CH6260	0.664400	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	38.65	PL20	-77.407487	39.035923

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
CH6272	2.680797	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	100.00	PL20	-77.408086	39.035793
CH634	16.053247	020700080905	Yes	Sugarland Run (Bacterial), Chesapeake Bay	Sugarland Run	RES_SFD	70.24	PL21	-77.346264	39.049385
CH6360	0.289017	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	98.85	PL20	-77.398695	39.031941
CH6361	15.775822	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	82.93	PL20	-77.399091	39.032041
CH6399	5.822451	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_MFST	21.13	PL20	-77.396839	39.029693
CH6400	0.298901	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_HOTEL	65.53	PL20	-77.396896	39.029730
CH6411	0.999244	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	100.00	PL20	-77.400597	39.033749
CH6414	0.873631	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	100.00	PL20	-77.400641	39.033145
CH6419	1.442971	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	99.96	PL20	-77.400125	39.032255
CH6431	1.339139	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	61.90	PL20	-77.398225	39.031617
CH6432	6.104099	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	49.74	PL20	-77.398280	39.031439
CH6547	1.673259	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFA	70.75	PL20	-77.396307	39.029679
CH6550	0.927045	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_MFST	53.20	PL20	-77.395399	39.029583
CH6570	78.538236	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	26.84	PL20	-77.397785	39.029581
CH6571	0.813226	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_HOTEL	100.00	PL20	-77.397476	39.029507
CH6576	0.476789	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_HOTEL	68.83	PL20	-77.398139	39.030025
CH6578	2.102920	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_HOTEL	79.44	PL20	-77.398046	39.029908
CH6582	0.718342	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_MFST	87.71	PL20	-77.394993	39.029555
CH659	9.350142	020700080905	Yes	Sugarland Run (Bacterial), Chesapeake Bay	Sugarland Run	RES_SFD	77.25	PL21	-77.344460	39.049510
CH6652	2.958557	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	37.79	PL19	-77.439048	39.048490
CH6653	0.981843	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	55.36	PL19	-77.439001	39.048080
CH6677	2.176122	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	73.93	PL19	-77.441795	39.047099
CH6679	2.483930	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	100.00	PL19	-77.441366	39.047073
CH668	4.819798	020700080905	Yes	Sugarland Run (Bacterial), Chesapeake Bay	Sugarland Run	RES_SFD	69.43	PL21	-77.343951	39.050299
CH6682	14.582170	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	43.08	PL19	-77.440085	39.046975
CH6690	6.892522	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	20.90	PL19	-77.440764	39.050869
CH6693	1.269931	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	20.89	PL19	-77.460043	39.059077
CH6710	5.892997	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	63.71	PL19	-77.460695	39.057645
CH6716	4.746637	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	91.35	PL19	-77.461768	39.061043
CH6724	2.120783	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	35.34	PL19	-77.450709	39.049700
CH6738	1.403014	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	16.07	PL19	-77.447886	39.027765
CH6756	0.748730	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	61.86	PL19	-77.464873	39.057011
CH6761	1.146675	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	17.26	PL19	-77.464435	39.057194
CH6801	5.094549	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	88.73	PL19	-77.465674	39.060582
CH6808	2.883342	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	90.94	PL19	-77.464907	39.059478
CH6809	1.885734	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	98.90	PL19	-77.464689	39.058059
CH6819	2.442454	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	85.03	PL19	-77.464239	39.058613
CH682	4.292030	020700080905	Yes	Sugarland Run (Bacterial), Chesapeake Bay	Sugarland Run	RES_SFD	66.01	PL21	-77.345664	39.049799
CH6830	3.267441	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	71.30	PL19	-77.464707	39.057499
CH6833	6.097636	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	99.91	PL19	-77.465858	39.059475
CH6835	6.410309	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	98.52	PL19	-77.466258	39.060085
CH6837	6.768370	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	89.51	PL19	-77.466806	39.060619
CH6854	5.724741	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	8.19	PL19	-77.470195	39.063361
CH6867	3.939292	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	59.49	PL19	-77.476025	39.061059
CH687	2.013218	020700080905	Yes	Sugarland Run (Bacterial), Chesapeake Bay	Sugarland Run	RES_SFD	73.22	PL21	-77.344466	39.050240
CH6880	2.209349	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	27.12	PL19	-77.477141	39.059004
CH6890	0.462306	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	16.06	PL19	-77.477258	39.058952
CH6891	15.532916	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	63.70	PL19	-77.477252	39.058984
CH6930	4.656723	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	5.02	PL19	-77.475611	39.052882
CH6944	7.964397	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	43.54	PL19	-77.476027	39.051418
CH6952	5.884068	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	49.53	PL19	-77.475398	39.051520
CH6968	0.576512	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	67.80	PL19	-77.471808	39.049035
CH6972	1.528058	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	33.92	PL19	-77.471073	39.048680
CH6973	11.729666	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	23.72	PL19	-77.470984	39.048660
CH7073	46.468913	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	38.43	PL19	-77.481786	39.049337
CH7093	9.791190	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	45.26	PL19	-77.480497	39.046127
CH7094	9.527916	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	59.14	PL19	-77.480498	39.046110
CH7208	20.162711	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	35.90	PL19	-77.467454	39.033817
CH7235	1.713381	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	62.68	PL19	-77.463716	39.034902
CH7236	1.571656	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	14.90	PL19	-77.463496	39.034861

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
CH7237	0.430656	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	77.19	PL19	-77.463247	39.034834
CH7241	1.607399	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	21.10	PL19	-77.462405	39.034151
CH7257	9.185763	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	PUBLIC	71.16	PL19	-77.459636	39.034183
CH7319	7.168280	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	51.26	PL19	-77.477941	39.061297
CH7321	6.910037	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	97.55	PL19	-77.478487	39.061839
CH7336	1.856776	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	63.28	PL19	-77.479948	39.057988
CH7343	3.882334	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	43.17	PL19	-77.478665	39.056795
CH7344	1.177302	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	57.34	PL19	-77.478539	39.056400
CH7345	0.343012	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	91.82	PL19	-77.478304	39.056151
CH7359	3.248814	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	42.66	PL19	-77.478047	39.055852
CH7366	21.618365	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	49.55	PL19	-77.479505	39.056896
CH7386	7.340425	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	65.02	PL19	-77.477531	39.054775
CH7387	4.137365	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	58.47	PL19	-77.477027	39.054741
CH7412	0.799193	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	99.51	PL19	-77.477428	39.051143
CH7422	3.101417	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	43.36	PL19	-77.478234	39.051011
CH7423	1.102399	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	58.84	PL19	-77.478765	39.051243
CH7438	0.563934	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	70.23	PL19	-77.480143	39.051320
CH7440	3.941037	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	63.36	PL19	-77.481045	39.051477
CH7453	1.682471	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	42.34	PL19	-77.481504	39.049928
CH7455	1.603102	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	64.98	PL19	-77.480890	39.049424
CH7459	1.792939	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	67.29	PL19	-77.478385	39.049069
CH7464	1.494280	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	45.64	PL19	-77.479845	39.049198
CH7466	1.575444	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	76.63	PL19	-77.479986	39.049213
CH7480	3.870745	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	61.35	PL19	-77.477491	39.048271
CH7483	4.288624	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	71.40	PL19	-77.477163	39.048784
CH7496	4.816542	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	64.60	PL19	-77.477684	39.046610
CH7501	1.620458	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	63.90	PL19	-77.477679	39.048828
CH7507	2.718264	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	46.77	PL19	-77.476862	39.048587
CH7509	1.503395	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	52.46	PL19	-77.475603	39.047998
CH7511	2.713613	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	61.17	PL19	-77.474992	39.048494
CH7517	2.255417	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	50.47	PL19	-77.474486	39.048137
CH7519	0.897984	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	45.84	PL19	-77.473398	39.048893
CH7535	11.448771	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	49.76	PL19	-77.481108	39.051675
CH7569	29.572205	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	37.60	PL19	-77.479848	39.051770
CH7578	21.603939	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	42.81	PL19	-77.478346	39.054137
CH7638	6.343214	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	99.21	PL19	-77.477324	39.067622
CH7658	6.046851	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	99.88	PL19	-77.480491	39.065856
CH7661	1.788547	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	34.21	PL19	-77.480806	39.065342
CH7711	1.089623	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	100.00	PL19	-77.472649	39.045765
CH7715	2.381431	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	99.90	PL19	-77.473568	39.047002
CH7721	8.815197	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	47.21	PL19	-77.476040	39.046913
CH7723	3.146793	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	64.47	PL19	-77.477244	39.046659
CH7724	5.274108	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	57.15	PL19	-77.477668	39.046520
CH7737	1.216765	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	26.08	PL19	-77.472652	39.045050
CH78	6.881197	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	42.87	PL21	-77.350872	39.035628
CH786	0.630265	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	43.59	PL21	-77.343969	39.050460
CH791	0.642483	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	60.21	PL21	-77.342670	39.050333
CH7942	0.878219	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	68.08	PL19	-77.481953	39.041074
CH8037	6.066011	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	40.02	PL19	-77.474604	39.057259
CH8042	2.775532	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	53.12	PL19	-77.475552	39.058375
CH8045	1.735035	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	55.27	PL19	-77.476210	39.058565
CH8070	3.864892	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	68.73	PL19	-77.473021	39.056554
CH8075	0.975558	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	58.58	PL19	-77.471587	39.055340
CH8078	2.365814	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	53.46	PL19	-77.470989	39.054234
CH8082	1.682103	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	62.11	PL19	-77.470059	39.053164
CH8089	2.659365	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	63.64	PL19	-77.471501	39.050972
CH8095	15.126211	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	57.00	PL19	-77.472766	39.052663
CH8099	1.087746	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	62.02	PL19	-77.473510	39.051939
CH8105	2.047427	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	56.85	PL19	-77.474604	39.052476
CH8111	2.748119	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	47.54	PL19	-77.475388	39.052893

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
CH8127	0.731712	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	98.52	PL19	-77.476473	39.059677
CH8129	0.639814	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	99.69	PL19	-77.476675	39.058813
CH8143	0.320406	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	92.21	PL19	-77.477654	39.051233
CH8144	8.810895	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	66.67	PL19	-77.476222	39.053388
CH8179	2.347222	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	49.55	PL19	-77.472659	39.051520
CH8183	1.929734	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	53.65	PL19	-77.472283	39.051231
CH8184	2.430251	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	52.11	PL19	-77.471730	39.050971
CH8193	0.957071	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	52.03	PL19	-77.471037	39.050278
CH8197	1.925408	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	51.24	PL19	-77.470326	39.049641
CH8208	5.406134	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	59.15	PL19	-77.470020	39.048939
CH8232	10.698655	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	55.08	PL19	-77.468621	39.044687
CH8233	40.882484	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	28.79	PL19	-77.468636	39.044676
CH8273	1.888149	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	69.03	PL19	-77.467275	39.044167
CH828	23.484158	020700080905	Yes	Sugarland Run (Bacterial), Chesapeake Bay	Sugarland Run	RES_SFD	51.70	PL21	-77.341617	39.056777
CH8325	17.474386	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	64.44	PL19	-77.465925	39.040336
CH8355	15.422508	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	65.00	PL19	-77.465444	39.037615
CH8360	92.665153	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	22.95	PL19	-77.467793	39.037936
CH8368	3.437170	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	61.46	PL19	-77.466274	39.037603
CH8458	4.673265	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	45.20	PL19	-77.466788	39.037395
CH8459	0.201128	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	52.70	PL19	-77.467313	39.037608
CH8476	10.926754	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	63.83	PL19	-77.463587	39.035845
CH8484	2.847313	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	61.62	PL19	-77.463901	39.036900
CH8490	0.943111	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	53.70	PL19	-77.466336	39.037362
CH8520	2.105568	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	22.33	PL19	-77.461225	39.039142
CH8530	3.069691	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	37.67	PL19	-77.462842	39.035656
CH8531	1.057674	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	73.33	PL19	-77.462382	39.035513
CH8539	0.530170	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	60.48	PL19	-77.463196	39.036255
CH8547	9.818921	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	54.87	PL19	-77.463541	39.036854
CH855	10.410366	020700080905	Yes	Sugarland Run (Bacterial), Chesapeake Bay	Sugarland Run	RES_SFD	22.06	PL21	-77.335899	39.050737
CH8574	3.241447	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	92.94	PL19	-77.462495	39.033782
CH8600	2.531557	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	88.32	PL19	-77.464730	39.032904
CH8602	2.603955	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	99.98	PL19	-77.463876	39.032511
CH8608	2.399790	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	98.88	PL19	-77.466067	39.033308
CH8615	1.353093	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.466545	39.033159
CH8617	4.575729	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	52.17	PL19	-77.467528	39.033597
CH8644	8.075668	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	54.12	PL19	-77.467774	39.032563
CH8645	12.276045	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	68.44	PL19	-77.467796	39.032544
CH8720	1.727180	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	100.00	PL19	-77.445189	39.026612
CH8722	1.214501	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	100.00	PL19	-77.445838	39.026928
CH8726	1.732246	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	100.00	PL19	-77.444936	39.026031
CH8728	0.184073	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	100.00	PL19	-77.444327	39.025763
CH8732	8.239996	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	100.00	PL19	-77.441903	39.025856
CH8735	1.666180	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	94.38	PL19	-77.443467	39.027410
CH8749	2.072749	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	59.86	PL19	-77.447478	39.023786
CH8750	6.018884	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	30.85	PL19	-77.447479	39.023908
CH8755	4.470777	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	76.64	PL19	-77.447083	39.022848
CH8757	2.529664	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	72.87	PL19	-77.446912	39.021868
CH8763	1.512152	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	15.72	PL19	-77.447487	39.021359
CH8764	0.299504	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	5.21	PL19	-77.447233	39.021329
CH8766	0.969984	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	2.59	PL19	-77.447250	39.020587
CH8795	4.839449	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	93.78	PL19	-77.433550	39.018879
CH8810	0.544280	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	48.88	PL19	-77.436136	39.020617
CH8820	15.661900	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	59.53	PL19	-77.437854	39.020897
CH8835	2.193855	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	94.48	PL19	-77.435578	39.023111
CH8837	2.865748	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	58.14	PL19	-77.435167	39.023076
CH8838	10.194054	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	58.90	PL19	-77.435120	39.023122
CH8841	0.638007	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	23.94	PL19	-77.436304	39.023143
CH8844	3.505314	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	91.07	PL19	-77.457848	39.026711
CH8856	5.498888	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	3.95	PL19	-77.432692	39.016045
CH8868	2.525953	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	9.98	PL19	-77.432446	39.014722

Loudoun County Virginia
Regulated MS4 Outfall Table

CTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
CH8873	23.105656	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	63.80	PL45	-77.496094	38.901154
CH8883	35.963466	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	65.20	PL45	-77.495525	38.901438
CH8925	1.771925	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	66.94	PL45	-77.496845	38.901296
CH8954	4.455575	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	68.28	PL45	-77.497918	38.902750
CH8957	1.679921	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	61.41	PL45	-77.498490	38.902966
CH8964	1.598582	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	80.29	PL45	-77.498347	38.902364
CH8972	1.593303	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	59.10	PL45	-77.498262	38.902033
CH898	2.693484	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	64.89	PL21	-77.339155	39.052157
CH9016	8.050201	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	72.04	PL45	-77.506875	38.900660
CH9020	0.686751	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	MULTI_USE	17.93	PL45	-77.507390	38.900295
CH9023	0.502137	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	MULTI_USE	0.19	PL45	-77.507142	38.900257
CH9081	45.539000	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	57.98	PL45	-77.505630	38.899463
CH9082	0.904816	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	81.40	PL45	-77.505923	38.899576
CH91	0.995582	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	75.65	PL21	-77.350331	39.037223
CH9108	1.855534	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	26.38	PL45	-77.497337	38.901147
CH9117	0.805057	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	53.14	PL45	-77.497496	38.900151
CH912	5.553111	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	50.11	PL21	-77.337946	39.049655
CH9120	2.793801	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	77.02	PL45	-77.497531	38.900038
CH9122	2.017899	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	57.99	PL45	-77.497561	38.899161
CH9135	0.680374	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	52.81	PL45	-77.497514	38.898111
CH9139	3.106812	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	54.27	PL45	-77.497213	38.897714
CH9149	3.494693	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	65.62	PL45	-77.496895	38.896658
CH9152	1.969010	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	82.88	PL45	-77.496824	38.896315
CH9154	3.496547	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	50.85	PL45	-77.496806	38.895323
CH9188	4.298194	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	48.34	PL45	-77.496773	38.894299
CH9197	2.390415	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	38.12	PL45	-77.496954	38.893392
CH9220	9.647476	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	79.71	PL45	-77.496458	38.890936
CH9241	4.820236	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	75.62	PL45	-77.496326	38.889484
CH9242	6.131177	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	65.54	PL45	-77.496177	38.889202
CH9286	7.128160	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	71.23	PL45	-77.501264	38.889923
CH9288	7.454713	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	77.59	PL45	-77.501244	38.890642
CH9315	9.060524	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	78.73	PL45	-77.501254	38.891603
CH9341	10.689602	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	30.76	PL45	-77.501087	38.893261
CH9377	15.459160	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	29.21	PL45	-77.500824	38.895346
CH9424	16.892696	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	51.93	PL45	-77.501104	38.897257
CH943	1.680599	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	74.91	PL21	-77.338774	39.048201
CH946	2.645778	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run		0.00	PL21	-77.337848	39.047889
CH9466	4.387122	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	77.64	PL45	-77.501324	38.893238
CH9494	1.731943	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	62.23	PL45	-77.502170	38.890294
CH9508	8.462217	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	72.30	PL45	-77.505390	38.893175
CH9518	8.292362	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	73.07	PL45	-77.505027	38.894511
CH954	8.710426	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	4.23	PL21	-77.339450	39.046955
CH9541	10.422881	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	59.45	PL45	-77.506961	38.897125
CH9563	1.638714	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	60.47	PL45	-77.489611	38.909255
CH9568	36.262737	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	46.61	PL45	-77.490187	38.908244
CH9573	0.636922	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	0.09	PL45	-77.489498	38.908808
CH9576	0.645906	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_NON_PUBLIC	0.30	PL45	-77.489513	38.907724
CH961	6.787109	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	9.34	PL21	-77.340765	39.046486
CH9610	30.507395	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	58.67	PL45	-77.490162	38.906321
CH9613	2.386161	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	73.05	PL45	-77.487584	38.906593
CH9622	3.016224	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	68.93	PL45	-77.484951	38.907873
CH9676	78.936195	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	42.60	PL45	-77.510872	38.898446
CH9704	4.649132	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	61.47	PL45	-77.510215	38.900072
CH9709	11.137680	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	73.41	PL45	-77.510569	38.901245
CH9710	0.321750	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	32.82	PL45	-77.510604	38.901443
CH972	2.298654	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	33.86	PL21	-77.369851	39.046530
CH9781	15.935475	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	67.34	PL14	-77.523646	39.016307
CH9814	8.148640	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	68.96	PL14	-77.527486	39.022250
CH982	13.803534	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	75.43	PL21	-77.367408	39.048487
CH9852	27.882521	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	40.32	PL19	-77.517876	39.017680

Loudoun County Virginia
Regulated MS4 Outfall Table

FCITID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
CH9853	5.258543	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	59.10	PL19	-77.518183	39.017643
CH986	1.068049	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	77.42	PL21	-77.367609	39.047149
CH9861	17.146422	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	70.90	PL14	-77.523175	39.016277
CH9893	3.852676	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	55.87	PL19	-77.519114	39.019235
CH9894	0.730748	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	44.19	PL19	-77.519196	39.019112
CH991	2.399687	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	84.07	PL21	-77.368315	39.046077
CH9919	5.612480	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	59.83	PL19	-77.520044	39.023750
CH9920	14.611406	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	48.46	PL19	-77.520625	39.024004
CH9944	12.505338	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	62.21	PL19	-77.518770	39.026363
CH9964	5.655023	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	65.93	PL19	-77.517558	39.029174
CH9966	0.284015	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	0.09	PL19	-77.517523	39.029262
CH9971	2.669879	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	87.86	PL19	-77.517833	39.029516
CH9996	1.340504	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	0.56	PL19	-77.515021	39.030260
CP10001	4.900002	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	99.82	PL19	-77.455390	39.057744
CP10022	0.600814	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	42.43	PL19	-77.460086	39.057647
CP10114	4.491848	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	53.55	PL19	-77.455843	39.049783
CP10155	5.639402	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	56.41	PL19	-77.491223	39.049053
CP10179	0.339123	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	98.25	PL19	-77.492117	39.050376
CP10180	1.642484	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	52.54	PL19	-77.491927	39.050337
CP10188	0.861841	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	59.16	PL19	-77.493530	39.048848
CP10192	0.317192	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	52.30	PL19	-77.493132	39.048353
CP10193	1.119085	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	69.64	PL19	-77.493329	39.048498
CP10196	0.607411	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	69.88	PL19	-77.493578	39.048859
CP10203	6.321176	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	100.00	PL19	-77.418089	39.028274
CP10229	5.410395	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	100.00	PL19	-77.417751	39.028965
CP10278	6.858422	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.52	PL19	-77.500045	39.029621
CP10288	3.594256	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	PUBLIC	66.22	PL19	-77.500289	39.054392
CP10291	8.271206	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	92.10	PL19	-77.500636	39.054541
CP10334	7.528922	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	98.81	PL19	-77.501696	39.056406
CP10338	4.350078	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.501465	39.055971
CP10350	9.392455	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	50.85	PL14	-77.534247	39.008099
CP10373	3.918932	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	57.60	PL14	-77.533337	39.006362
CP10400	1.163817	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	100.00	PL18	-77.413481	38.974319
CP1042	14.695890	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	54.83	PL17	-77.558166	38.935443
CP1044	2.768815	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	0.04	PL17	-77.558403	38.935499
CP10485	34.173415	020700080602	Yes	Goose Creek (Benthic), Chesapeake Bay	North Fork Goose Creek	RES_SFD	78.13	PL12	-77.667200	39.129020
CP1058	3.587718	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	VACANT_UNENTITLED	37.86	PL45	-77.528986	38.931651
CP1061	1.684765	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OFFICE_MEDICAL	95.72	PL45	-77.529099	38.931336
CP10619	6.114557	020700100703	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Middle Bull Run	RES_SFD	77.09	PL44	-77.530998	38.880752
CP10620	5.408518	020700100703	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Middle Bull Run	HOA	38.19	PL44	-77.530955	38.880757
CP10640	10.045672	020700100703	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Middle Bull Run	RES_SFD	53.30	PL44	-77.530074	38.879145
CP1065	5.046515	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_CHURCH	78.48	PL45	-77.528977	38.931056
CP10652	6.584853	020700100703	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Middle Bull Run	RES_SFD	68.63	PL44	-77.526523	38.879387
CP10653	2.058351	020700100703	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Middle Bull Run	RES_SFD	75.37	PL44	-77.526007	38.878753
CP10665	0.276045	020700100703	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Middle Bull Run	RES_SFD	41.24	PL44	-77.526487	38.877551
CP10667	9.256211	020700100703	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Middle Bull Run	RES_SFD	62.75	PL44	-77.526087	38.877407
CP10668	2.239924	020700100703	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Middle Bull Run	RES_SFD	77.90	PL44	-77.526002	38.877294
CP10672	6.591082	020700100703	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Middle Bull Run	RES_SFD	65.61	PL44	-77.525485	38.874023
CP1068	0.318138	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	VACANT_UNENTITLED	16.66	PL45	-77.528824	38.931140
CP10689	1.070856	020700100703	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Middle Bull Run	RES_SFD	58.42	PL44	-77.527247	38.874433
CP10692	9.884002	020700100703	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Middle Bull Run	RES_SFD	64.44	PL44	-77.527843	38.876067
CP10695	1.675258	020700100703	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Middle Bull Run	RES_SFD	74.87	PL44	-77.528003	38.875900
CP10703	2.172723	020700100703	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Middle Bull Run	RES_SFD	90.07	PL44	-77.529117	38.876915
CP10713	3.812308	020700100703	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Middle Bull Run	RES_SFD	64.20	PL44	-77.526659	38.876494
CP10727	4.706649	020700100703	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Middle Bull Run	RES_SFD	71.60	PL44	-77.528322	38.875755
CP10731	13.320789	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	52.84	PL18	-77.412906	38.974729
CP1084	0.296483	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OFFICE_MEDICAL	94.26	PL45	-77.529889	38.932310
CP1129	7.067020	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_LIGHT_IND_FLEX	100.00	PL45	-77.473149	38.915674
CP1136	11.423552	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	MISC	77.80	PL45	-77.472976	38.915631
CP1154	7.647629	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_LIGHT_IND_FLEX	55.00	PL45	-77.469535	38.915090

Loudoun County Virginia
Regulated MS4 Outfall Table

FCITID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
CP1174	2.951689	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_RETAIL	96.05	PL45	-77.468448	38.916161
CP1193	0.421061	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_LIGHT_IND_FLEX	58.57	PL45	-77.471693	38.916613
CP1196	43.113021	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	93.26	PL17	-77.485326	38.982851
CP1197	1.111132	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	99.94	PL17	-77.485255	38.982850
CP1252	11.437022	020700080902	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.481898	38.979282
CP1278	3.455643	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	42.50	PL17	-77.511624	38.983703
CP1284	1.144271	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	38.54	PL17	-77.508362	38.984177
CP1299	3.207452	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	36.97	PL17	-77.506535	38.986511
CP1325	0.765089	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	100.00	PL17	-77.483438	38.995604
CP1326	3.624035	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	71.61	PL17	-77.483356	38.996142
CP1370	3.706073	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_HOTEL	99.98	PL17	-77.483002	38.996747
CP1372	0.381318	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_RETAIL	99.94	PL17	-77.482591	38.996037
CP1374	0.216878	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_RETAIL	79.08	PL17	-77.482758	38.996320
CP1380	2.215575	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	MULTI_USE	65.04	PL17	-77.481694	38.996073
CP1391	2.289892	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	0.03	PL19	-77.474887	39.002256
CP1408	4.299772	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	4.62	PL19	-77.472633	39.006532
CP1410	1.675489	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	7.33	PL19	-77.472553	39.006637
CP1416	5.087801	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	31.03	PL19	-77.470975	39.007753
CP1435	2.495658	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	0.86	PL19	-77.464736	39.008698
CP1440	3.299148	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	5.68	PL19	-77.462022	39.008535
CP1466	0.269847	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	0.07	PL19	-77.457095	39.010453
CP1468	3.733232	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	5.40	PL19	-77.457140	39.010387
CP1478	2.556844	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	100.00	PL19	-77.482292	39.003549
CP1481	5.510119	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	100.00	PL19	-77.481780	39.003389
CP1509	55.293707	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	25.29	PL19	-77.482968	39.004029
CP1511	3.756151	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	100.00	PL19	-77.482966	39.003957
CP1512	1.016032	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	0.02	PL19	-77.482858	39.004012
CP1556	12.484834	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	59.82	PL19	-77.456285	39.002675
CP1573	1.816630	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	64.25	PL17	-77.535878	38.973951
CP1579	0.511828	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	73.15	PL17	-77.534814	38.973454
CP1598	1.989592	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	69.09	PL17	-77.535184	38.971938
CP1601	2.385477	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	57.88	PL17	-77.535017	38.971696
CP1609	0.858412	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	54.15	PL17	-77.534357	38.972116
CP1614	1.340472	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	59.53	PL17	-77.534420	38.972436
CP1633	2.534554	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	37.39	PL17	-77.531093	38.973546
CP164	3.367930	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	35.44	PL42	-77.565742	38.921128
CP165	0.878747	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	64.18	PL42	-77.565733	38.920692
CP1653	7.557987	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	PUBLIC	36.17	PL14	-77.528750	38.996319
CP1667	10.844201	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFA	33.60	PL14	-77.528122	38.995943
CP1668	2.141737	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFA	51.94	PL14	-77.526767	38.996289
CP172	12.864262	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	58.38	PL42	-77.565082	38.921177
CP1728	3.402022	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	PUBLIC	72.64	PL14	-77.530263	38.997541
CP1798	4.634708	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	COM_OTHER_PUBLIC	92.53	PL14	-77.529295	38.996235
CP1807	3.145197	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	COM_OTHER_PUBLIC	100.00	PL14	-77.530648	38.994338
CP1808	5.565428	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	COM_OTHER_PUBLIC	100.00	PL14	-77.531671	38.994251
CP1824	16.970624	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	COM_OTHER_PUBLIC	90.41	PL14	-77.531725	38.994303
CP1857	1.303014	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	COM_OTHER_PUBLIC	89.43	PL14	-77.529529	38.993751
CP1861	0.303911	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	COM_OTHER_PUBLIC	100.00	PL14	-77.529850	38.993514
CP1863	0.838391	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	COM_OTHER_PUBLIC	89.28	PL14	-77.529083	38.993252
CP1875	2.907616	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	COM_OTHER_PUBLIC	62.10	PL14	-77.531408	38.995252
CP1894	9.782729	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	COM_OTHER_PUBLIC	88.93	PL14	-77.535432	38.991526
CP1895	23.539957	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_MFA	35.10	PL14	-77.535373	38.991131
CP1910	2.551154	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	96.42	PL19	-77.507285	39.008783
CP1956	2.216171	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	97.94	PL19	-77.502335	39.009161
CP1960	1.906406	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	100.00	PL19	-77.503915	39.008905
CP1961	0.914306	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	97.07	PL19	-77.505172	39.008889
CP1962	3.233545	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	40.74	PL19	-77.505779	39.008869
CP1963	1.495308	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	97.33	PL19	-77.506525	39.008780
CP1967	0.291023	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	0.44	PL19	-77.502008	39.009731
CP1970	0.353648	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	PUBLIC	1.64	PL19	-77.502562	39.010064

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
CP1972	9.869644	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	PUBLIC	85.01	PL19	-77.502866	39.010490
CP1985	0.802255	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	0.10	PL19	-77.506484	39.012748
CP1990	0.241546	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	0.65	PL19	-77.502514	39.009928
CP2054	4.048839	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	91.04	PL19	-77.464337	39.015657
CP2083	9.347454	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	50.19	PL17	-77.491161	39.007058
CP2101	30.250266	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	49.89	PL19	-77.481567	39.017073
CP2150	1.972106	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	99.56	PL19	-77.437583	39.022223
CP2204	1.168693	020700080902	No	Chesapeake Bay	Horsepen Run	HOA	34.89	PL18	-77.428682	38.990860
CP2209	3.273557	020700080902	No	Chesapeake Bay	Horsepen Run	COM_HOTEL	52.19	PL18	-77.429552	38.990675
CP2221	4.602539	020700080902	No	Chesapeake Bay	Horsepen Run	VACANT_UNENTITLED	64.69	PL18	-77.430472	38.991008
CP2224	0.792358	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.428219	38.990846
CP2225	0.306043	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.427933	38.991253
CP2227	1.224086	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.427301	38.991463
CP2229	0.951020	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.426737	38.991643
CP2232	0.378069	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.426284	38.991946
CP2247	7.835560	020700080902	No	Chesapeake Bay	Horsepen Run	VACANT_UNENTITLED	63.67	PL18	-77.428499	38.991073
CP2250	0.443634	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	13.33	PL18	-77.427979	38.990150
CP230	10.159900	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	59.18	PL42	-77.561201	38.922284
CP2356	59.878164	020700080902	No	Chesapeake Bay	Horsepen Run	RES_SFA	17.77	PL18	-77.411014	38.976995
CP2358	0.148407	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	100.00	PL19	-77.430395	39.015435
CP2366	9.207935	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	93.80	PL19	-77.432071	39.014579
CP2381	4.771586	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	56.54	PL19	-77.431103	39.016186
CP2386	12.216180	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	62.26	PL19	-77.430424	39.015270
CP2420	1.412228	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	84.08	PL19	-77.487849	39.039613
CP2431	1.041600	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	99.91	PL19	-77.515894	39.031978
CP2438	2.471432	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	99.61	PL19	-77.517183	39.032310
CP2445	5.871871	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	65.27	PL19	-77.516828	39.032729
CP2449	4.547708	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	99.86	PL19	-77.515763	39.033511
CP2472	1.571567	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	100.00	PL19	-77.487657	39.038876
CP2477	0.416797	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	54.92	PL19	-77.520250	39.031624
CP2481	14.774228	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	35.50	PL19	-77.519134	39.031769
CP250	3.383114	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	54.37	PL42	-77.564315	38.921144
CP251	3.898324	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	62.42	PL42	-77.564836	38.921604
CP2538	3.011622	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	52.57	PL19	-77.465776	39.050853
CP2562	3.534685	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	64.05	PL19	-77.467216	39.052159
CP2567	4.781689	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	60.85	PL19	-77.463772	39.049922
CP2582	1.566890	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	63.06	PL19	-77.462447	39.050164
CP2592	2.286643	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	63.35	PL19	-77.462964	39.051152
CP2593	2.777311	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	58.63	PL19	-77.463330	39.052619
CP2617	11.542874	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	28.25	PL19	-77.451281	39.045656
CP262	3.179488	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	47.50	PL42	-77.570258	38.922480
CP2659	0.987166	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	18.05	PL19	-77.457821	39.042681
CP2668	4.974225	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	46.35	PL19	-77.459482	39.041650
CP2785	33.508718	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	46.30	PL19	-77.454343	39.059370
CP2832	4.395592	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	66.24	PL19	-77.454115	39.059279
CP2883	7.937284	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	47.67	PL19	-77.451922	39.058171
CP2886	0.504877	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	100.00	PL19	-77.451460	39.057813
CP2895	6.979541	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	26.56	PL19	-77.451419	39.057877
CP2915	1.315451	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	0.16	PL19	-77.452332	39.057768
CP2945	0.639491	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	0.75	PL19	-77.451744	39.057858
CP297	13.505193	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	COM_OTHER_PUBLIC	96.47	PL42	-77.546474	38.898833
CP3038	3.501284	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_HOTEL	59.66	PL19	-77.426966	39.019051
CP331	14.578287	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	63.04	PL42	-77.562996	38.918444
CP358	1.404283	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	60.27	PL42	-77.559726	38.911397
CP362	0.660883	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFA	52.75	PL42	-77.560545	38.911488
CP373	3.116221	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	45.56	PL45	-77.541150	38.923978
CP374	5.704983	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	64.62	PL45	-77.540976	38.924416
CP394	2.918176	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	63.89	PL45	-77.541184	38.923554
CP398	0.290102	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	35.86	PL45	-77.542611	38.925707
CP402	0.953940	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	61.60	PL45	-77.542550	38.925783

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CTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
CP408	0.781963	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	32.97	PL45	-77.543068	38.926596
CP419	1.372118	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	59.46	PL45	-77.541722	38.925744
CP429	0.715180	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	56.26	PL45	-77.540618	38.925511
CP438	0.992222	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	44.54	PL45	-77.539621	38.926222
CP4507	2.138468	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	65.42	PL19	-77.484498	39.040609
CP4508	73.996571	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	38.66	PL19	-77.484732	39.040653
CP4515	1.317264	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.96	PL19	-77.484891	39.040639
CP4516	6.996806	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	80.18	PL19	-77.485125	39.040501
CP4563	43.745109	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	53.64	PL42	-77.561697	38.916278
CP4649	17.720331	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	64.89	PL45	-77.532168	38.918519
CP4685	1.177994	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	58.67	PL45	-77.535812	38.910767
CP4694	0.922653	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	62.55	PL45	-77.536340	38.910346
CP4695	0.852572	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	60.12	PL45	-77.536987	38.909781
CP470	3.538244	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	21.15	PL45	-77.543473	38.925872
CP4701	0.359112	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	52.57	PL45	-77.537144	38.909651
CP4708	8.937442	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	46.87	PL45	-77.537363	38.910021
CP4709	8.725999	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	55.29	PL45	-77.537290	38.910308
CP4723	14.268814	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	55.40	PL45	-77.537870	38.908789
CP4738	0.325484	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	2.99	PL45	-77.538754	38.907251
CP476	6.613148	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	91.46	PL45	-77.543690	38.925468
CP4760	8.019358	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	PUBLIC	45.85	PL42	-77.537753	38.879387
CP4777	24.232752	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	77.31	PL42	-77.536336	38.878719
CP4865	5.525799	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	28.95	PL42	-77.540487	38.879927
CP4875	2.194804	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	VACANT_ENTITLED	0.42	PL42	-77.551571	38.912944
CP4876	2.022718	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	COM_OTHER_PUBLIC	2.45	PL42	-77.551800	38.912969
CP4890	0.474039	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	VACANT_ENTITLED	2.79	PL42	-77.550354	38.911288
CP4891	2.005908	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	62.02	PL42	-77.549865	38.911183
CP4901	0.432922	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	41.74	PL42	-77.550788	38.910829
CP4913	2.895996	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	58.27	PL42	-77.551328	38.909671
CP4917	0.730223	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	76.83	PL42	-77.551392	38.910663
CP4933	11.765122	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	56.45	PL42	-77.549780	38.905811
CP4947	41.716289	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	31.09	PL42	-77.549699	38.905372
CP4957	3.223284	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	76.93	PL42	-77.550919	38.906873
CP4965	3.622198	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	58.01	PL42	-77.551850	38.904877
CP4969	4.524928	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	53.89	PL42	-77.552287	38.903569
CP4990	14.479318	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	56.65	PL42	-77.551194	38.908863
CP4994	0.291235	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	50.81	PL42	-77.552410	38.909610
CP4997	1.611665	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	71.82	PL42	-77.551352	38.909072
CP5015	3.104684	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	73.00	PL42	-77.552891	38.906973
CP5072	1.864924	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	84.91	PL42	-77.550129	38.907109
CP5140	14.917760	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	45.18	PL17	-77.537712	38.951099
CP5182	8.989386	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	66.86	PL17	-77.539350	38.951614
CP5210	17.906098	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	47.08	PL17	-77.545200	38.951998
CP5249	2.785376	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	68.57	PL17	-77.537098	38.963946
CP5288	6.854532	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	50.80	PL17	-77.536956	38.966532
CP5314	5.793750	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	56.01	PL17	-77.537573	38.964038
CP5316	0.667614	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	56.71	PL17	-77.537540	38.964429
CP5320	0.120659	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	89.95	PL17	-77.538146	38.963760
CP5329	1.918589	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	27.55	PL17	-77.553034	38.967505
CP5348	5.541406	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	55.10	PL17	-77.556373	38.967320
CP5359	0.775475	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	100.00	PL17	-77.556116	38.966465
CP5459	10.775105	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	59.65	PL17	-77.560003	38.963745
CP5464	6.597872	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	54.29	PL17	-77.559129	38.963960
CP5466	0.422752	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	0.25	PL17	-77.558993	38.964430
CP5513	7.328596	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	64.00	PL17	-77.560261	38.960191
CP5526	5.710537	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	55.74	PL17	-77.558683	38.961977
CP5544	0.624655	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	75.36	PL17	-77.554140	38.960987
CP5548	0.561768	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	51.35	PL17	-77.552692	38.961628
CP5551	9.948432	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	47.81	PL17	-77.556347	38.962881
CP5585	4.943087	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	65.09	PL17	-77.561094	38.959568

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
CP5590	1.968319	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	77.61	PL17	-77.566300	38.959902
CP5638	3.344481	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	74.04	PL17	-77.604238	38.938693
CP5848	44.510513	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	50.37	PL17	-77.508244	38.973112
CP5882	0.432506	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	15.13	PL17	-77.510015	38.972452
CP5885	1.122924	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	35.49	PL17	-77.509959	38.972118
CP5891	6.679534	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	60.71	PL17	-77.508203	38.972795
CP5907	1.425834	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	63.43	PL17	-77.506265	38.974571
CP5945	3.709932	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	68.57	PL17	-77.506137	38.976757
CP5961	0.792553	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	97.91	PL17	-77.507109	38.974770
CP5998	20.317499	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	39.14	PL14	-77.531793	39.028931
CP6073	4.583002	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	27.18	PL19	-77.524036	39.034571
CP6080	4.585159	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	20.99	PL19	-77.525304	39.032360
CP6109	4.327185	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	MULTI_USE	60.01	PL45	-77.531009	38.934414
CP6110	3.852977	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	MULTI_USE	35.35	PL45	-77.530459	38.934143
CP6130	3.210273	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	MULTI_USE	63.85	PL17	-77.530707	38.936993
CP616	1.874807	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	58.82	PL45	-77.540694	38.910799
CP6182	5.680948	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	53.54	PL17	-77.527516	38.937235
CP6189	14.937548	020700080901	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	35.58	PL17	-77.529110	38.938141
CP6200	0.989043	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	68.53	PL17	-77.527459	38.937532
CP6218	7.456112	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	80.24	PL17	-77.559585	38.953842
CP6244	1.716230	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	69.62	PL17	-77.562579	38.950839
CP6269	8.372846	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	56.33	PL17	-77.563875	38.950795
CP6274	4.156929	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	63.11	PL17	-77.563871	38.949845
CP6281	1.979779	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	69.48	PL17	-77.563462	38.949933
CP6290	2.090203	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	69.02	PL17	-77.561987	38.949191
CP6294	5.151842	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	67.78	PL17	-77.562034	38.949049
CP6320	4.910197	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	37.55	PL17	-77.552102	38.934427
CP6368	10.942788	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_MFA	41.08	PL17	-77.551969	38.936931
CP6369	0.798847	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	GQ	100.00	PL17	-77.551900	38.937140
CP6375	2.847840	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	GQ	50.22	PL17	-77.551897	38.938296
CP638	10.968001	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	58.92	PL45	-77.536475	38.922193
CP6410	4.515752	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	33.46	PL17	-77.560474	38.932948
CP6411	1.111098	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	95.85	PL17	-77.560750	38.932641
CP6430	9.020817	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	46.90	PL17	-77.559773	38.934767
CP6544	16.571410	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	46.60	PL17	-77.560121	38.930073
CP6584	3.430902	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	52.92	PL17	-77.559964	38.930093
CP6588	11.695739	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	58.51	PL17	-77.560874	38.930126
CP6589	4.386022	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	61.36	PL17	-77.561071	38.930290
CP6606	38.667003	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	66.34	PL17	-77.542543	38.973205
CP6614	1.474250	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	82.11	PL17	-77.542079	38.972838
CP6635	9.585707	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	43.03	PL17	-77.542153	38.971621
CP6667	18.212779	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	45.71	PL17	-77.545474	38.969250
CP6713	5.892935	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	55.58	PL17	-77.542663	38.968377
CP6714	9.389896	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	76.78	PL17	-77.543842	38.965283
CP6740	1.462034	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	27.62	PL17	-77.543851	38.964085
CP6762	1.435022	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	0.10	PL17	-77.546312	38.965240
CP6768	3.891479	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	MISC	78.48	PL17	-77.547870	38.966905
CP6774	7.699155	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	54.48	PL17	-77.547375	38.966933
CP6795	0.239841	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	12.37	PL17	-77.547305	38.966873
CP6824	0.924197	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	0.00	PL17	-77.541665	38.970765
CP6834	7.038772	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	42.74	PL17	-77.539061	38.968933
CP6835	3.440410	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	66.26	PL17	-77.539032	38.968782
CP6961	22.599016	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	39.55	PL17	-77.542395	38.963674
CP6975	6.601407	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	12.18	PL17	-77.542575	38.963965
CP6998	13.070512	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	38.94	PL17	-77.515424	38.967385
CP7015	0.489848	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	5.37	PL17	-77.517337	38.967666
CP7017	0.486028	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	10.00	PL17	-77.517447	38.967673
CP7024	5.077046	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	23.64	PL17	-77.518788	38.967588
CP706	8.669461	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_RETAIL	71.36	PL17	-77.539235	38.936767
CP7080	6.915806	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	62.42	PL17	-77.518726	38.968461

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
CP7082	0.797330	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	90.05	PL17	-77.518250	38.968177
CP7085	0.284775	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	0.35	PL17	-77.518553	38.968602
CP7092	18.874783	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	44.93	PL17	-77.517686	38.968960
CP7145	9.649862	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	59.24	PL17	-77.519443	38.970044
CP7154	11.873881	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	65.02	PL17	-77.518918	38.969855
CP7191	4.517935	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	47.26	PL17	-77.520045	38.970618
CP7224	9.065489	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_MFST	44.22	PL17	-77.513440	38.965945
CP7233	10.739849	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_MFST	68.52	PL17	-77.512342	38.965249
CP7263	3.281825	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_MFST	41.63	PL17	-77.509847	38.964974
CP7300	3.680421	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	60.10	PL17	-77.506176	38.990073
CP7306	1.284216	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	52.53	PL17	-77.505908	38.991717
CP7319	4.436346	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	MULTI_USE	70.31	PL17	-77.505777	38.993005
CP7329	2.038012	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	76.30	PL17	-77.506151	38.993220
CP7355	12.001851	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	45.14	PL17	-77.508878	38.990556
CP7359	18.189704	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	44.86	PL17	-77.508874	38.991001
CP7438	17.672867	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	31.70	PL17	-77.509696	38.990979
CP7439	0.482266	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	94.76	PL17	-77.509386	38.991131
CP7442	0.776145	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	96.05	PL17	-77.509041	38.991315
CP7447	0.389988	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	41.38	PL17	-77.510424	38.989727
CP7458	0.658756	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	75.56	PL17	-77.505504	38.991456
CP747	1.724194	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_RETAIL	99.25	PL17	-77.547909	38.940121
CP748	4.840775	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_RETAIL	99.46	PL17	-77.547626	38.940009
CP7526	11.615928	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_RETAIL	54.78	PL17	-77.505837	38.990733
CP7533	1.029959	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	53.16	PL17	-77.505861	38.990211
CP755	2.991926	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_RETAIL	100.00	PL17	-77.548704	38.940426
CP7563	0.370018	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	41.96	PL14	-77.534857	39.027456
CP7565	1.520393	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	84.15	PL14	-77.534822	39.027376
CP762	1.550771	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_RETAIL	100.00	PL17	-77.548150	38.940204
CP7624	20.453154	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	64.07	PL14	-77.539056	39.028402
CP7630	12.173837	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	67.88	PL14	-77.538625	39.029184
CP765	1.494248	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_RETAIL	100.00	PL17	-77.550202	38.941151
CP7667	5.373005	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	MULTI_USE	91.45	PL14	-77.524703	39.014268
CP7669	10.530698	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	66.11	PL14	-77.524401	39.014386
CP768	0.785823	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_RETAIL	100.00	PL17	-77.550285	38.940740
CP7681	0.802643	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	57.44	PL14	-77.523516	39.015698
CP7695	1.940587	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	34.61	PL14	-77.524644	39.015108
CP7697	5.785755	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	MULTI_USE	60.10	PL14	-77.524076	39.015377
CP7701	1.119417	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	MULTI_USE	37.83	PL14	-77.524641	39.014879
CP7710	2.833910	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	36.44	PL14	-77.523866	39.015050
CP7734	8.214178	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	47.74	PL17	-77.522967	38.989032
CP7745	1.085146	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	52.56	PL19	-77.482694	39.019806
CP7746	0.316352	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	15.29	PL19	-77.482460	39.019616
CP7759	6.154924	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	44.42	PL19	-77.484019	39.019735
CP7776	1.728315	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	51.80	PL19	-77.485555	39.018643
CP783	9.352467	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_RETAIL	47.66	PL17	-77.551338	38.939292
CP7838	15.264776	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	57.38	PL19	-77.492149	39.012616
CP7839	2.861885	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	99.95	PL19	-77.492132	39.012576
CP784	0.509697	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OFFICE_MEDICAL	20.71	PL17	-77.551795	38.939024
CP7841	1.213533	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	72.89	PL19	-77.491958	39.012155
CP7843	4.838506	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	84.07	PL19	-77.491126	39.012935
CP786	4.729510	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OFFICE_MEDICAL	100.00	PL17	-77.551779	38.939151
CP7875	4.236049	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.492135	39.012642
CP7899	5.301839	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	38.55	PL19	-77.502025	39.013776
CP7902	6.486117	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	64.10	PL19	-77.502190	39.013775
CP7943	11.438033	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	79.99	PL19	-77.491969	39.044736
CP7985	12.089571	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	99.89	PL19	-77.457859	39.046863
CP8050	7.967943	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	56.70	PL19	-77.454844	39.046638
CP8069	2.399686	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	66.55	PL19	-77.433743	39.030650
CP8076	3.141354	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	63.67	PL19	-77.433862	39.030690
CP8092	13.243888	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	43.13	PL19	-77.436420	39.029227

Loudoun County Virginia
Regulated MS4 Outfall Table

FCITID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
CP8121	0.753507	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	4.80	PL19	-77.439961	39.013126
CP8162	25.339778	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	82.90	PL19	-77.442991	39.014130
CP8178	0.427763	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	63.73	PL19	-77.440474	39.010680
CP8223	6.660546	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	37.78	PL45	-77.483333	38.911377
CP8229	4.560336	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	37.23	PL45	-77.482723	38.911154
CP8279	0.862172	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	51.84	PL45	-77.478003	38.909391
CP8283	4.694483	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_MFST	70.24	PL45	-77.478225	38.909310
CP8306	2.860294	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	27.34	PL45	-77.475409	38.908979
CP8307	0.494352	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	70.43	PL45	-77.475428	38.908981
CP831	12.873782	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_RETAIL	53.85	PL45	-77.489167	38.913055
CP8310	0.629322	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	58.82	PL45	-77.475501	38.908923
CP8313	5.585791	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	46.90	PL45	-77.475813	38.908612
CP8315	3.446106	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	54.01	PL45	-77.475817	38.908589
CP8385	1.819345	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	64.93	PL16	-77.505954	39.104402
CP8421	6.780272	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.477555	39.020135
CP8425	1.291658	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.478218	39.020215
CP8428	0.492447	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.480356	39.018768
CP8434	1.856712	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFA	42.37	PL14	-77.528365	38.996954
CP8438	0.837780	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	64.04	PL14	-77.526591	38.997422
CP8443	0.318581	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	64.61	PL14	-77.526014	38.997169
CP8451	1.377659	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	21.01	PL17	-77.486181	38.999136
CP8454	0.542744	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	99.14	PL17	-77.486053	38.999106
CP8470	1.709392	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	39.74	PL17	-77.483884	38.998196
CP8475	1.357309	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	94.34	PL17	-77.486211	38.998298
CP8476	0.413292	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	99.25	PL17	-77.486295	38.998126
CP8481	8.122776	020700080902	No	Chesapeake Bay	Horsepen Run	HOA	50.88	PL18	-77.412301	38.982616
CP8495	13.472575	020700080902	No	Chesapeake Bay	Horsepen Run	RES_SFA	40.30	PL18	-77.412203	38.982054
CP8510	7.020599	020700080902	No	Chesapeake Bay	Horsepen Run	HOA	47.94	PL18	-77.411960	38.983556
CP8540	1.075156	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	64.73	PL17	-77.567041	38.961472
CP8551	2.598497	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	75.68	PL17	-77.564378	38.961070
CP8555	2.255532	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	64.46	PL17	-77.563984	38.961835
CP8575	6.466543	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	72.79	PL17	-77.563961	38.963451
CP864	9.149806	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_RETAIL	54.80	PL45	-77.487420	38.912500
CP8688	12.805853	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	99.60	PL19	-77.443131	39.048762
CP8691	1.719042	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.445129	39.047581
CP8693	2.249421	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.445569	39.047623
CP8698	7.387781	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.447244	39.048665
CP8734	37.781591	020700080301	No	Chesapeake Bay	South Fork Catactin Creek	RES_SFD	80.37	PL02	-77.652816	39.140439
CP874	1.232782	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_RETAIL	32.27	PL45	-77.486281	38.915328
CP8742	13.393527	020700080301	No	Chesapeake Bay	South Fork Catactin Creek	RES_SFD	85.78	PL02	-77.646878	39.136988
CP8746	10.899511	020700080301	No	Chesapeake Bay	South Fork Catactin Creek	RES_SFD	89.50	PL02	-77.646071	39.138010
CP8748	2.682824	020700080301	No	Chesapeake Bay	South Fork Catactin Creek	RES_SFD	96.78	PL02	-77.645948	39.138939
CP8756	3.154415	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	59.40	PL17	-77.574806	38.952634
CP8762	2.364588	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	74.66	PL17	-77.575060	38.952464
CP8764	0.184067	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	5.57	PL17	-77.575324	38.952854
CP8771	1.699365	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	69.63	PL17	-77.574440	38.953746
CP8779	1.603714	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	63.39	PL17	-77.572269	38.955042
CP8797	2.400276	020700080301	No	Chesapeake Bay	South Fork Catactin Creek	VACANT_UNENTITLED	70.00	PL02	-77.636389	39.136588
CP8820	3.999260	020700080403	No	Chesapeake Bay	Limestone Branch - Potomac River	COM_HEAVY_IND	97.93	PL05	-77.504285	39.113887
CP8839	0.456983	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	50.14	PL42	-77.562785	38.910923
CP8871	6.172247	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	72.72	PL42	-77.566990	38.911854
CP89	2.562351	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	63.71	PL45	-77.515612	38.896459
CP893	3.311794	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	55.64	PL45	-77.488720	38.911405
CP895	4.052581	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	PUBLIC	0.87	PL45	-77.488762	38.911374
CP8956	13.023035	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	51.85	PL42	-77.566709	38.908576
CP8957	12.259065	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	34.01	PL42	-77.566686	38.908552
CP9021	3.759435	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	MULTI_USE	49.75	PL42	-77.570937	38.914824
CP9044	12.876028	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	63.08	PL42	-77.571247	38.909674
CP9053	2.541487	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	63.77	PL45	-77.497991	38.919250
CP9060	5.578437	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_MFST	45.21	PL45	-77.498077	38.919263

Loudoun County Virginia
Regulated MS4 Outfall Table

FCITID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
CP9117	4.295379	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	71.71	PL45	-77.504705	38.915868
CP9126	0.681936	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	57.27	PL45	-77.504779	38.917314
CP9128	12.200760	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	46.12	PL45	-77.504797	38.917485
CP9169	9.747020	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	44.58	PL45	-77.501763	38.919318
CP9189	0.113993	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	100.00	PL17	-77.522969	38.971644
CP9193	0.332244	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	100.00	PL17	-77.523828	38.972119
CP9230	7.724262	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	62.29	PL19	-77.470153	38.998883
CP9233	1.742647	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	100.00	PL19	-77.469696	38.999226
CP9234	4.575444	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	98.01	PL19	-77.470349	38.999155
CP9321	3.155231	020700080902	No	Chesapeake Bay	Horsepen Run	COM_RETAIL	96.79	PL18	-77.432978	38.981529
CP938	0.903720	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	33.84	PL45	-77.498272	38.912207
CP9380	9.173334	020700080902	No	Chesapeake Bay	Horsepen Run	COM_DATA_CENTER	98.69	PL18	-77.444182	38.986289
CP9433	4.480963	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	PUBLIC	25.96	PL19	-77.503323	39.025508
CP9479	0.983141	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	69.56	PL19	-77.458257	39.034208
CP9483	2.058030	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	68.54	PL19	-77.458087	39.034637
CP949	14.433951	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_RETAIL	99.02	PL45	-77.488769	38.912934
CP9495	7.420081	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	PUBLIC	35.83	PL19	-77.458062	39.035319
CP9500	1.460163	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	52.79	PL19	-77.456190	39.036060
CP9502	4.654594	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	63.87	PL19	-77.456735	39.036364
CP9530	10.222154	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	40.03	PL19	-77.457021	39.036386
CP9555	5.501479	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	43.30	PL19	-77.457045	39.037989
CP9561	3.370020	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	35.89	PL19	-77.455913	39.037281
CP9614	8.978314	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	100.00	PL19	-77.458342	39.030489
CP9624	19.296007	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	73.18	PL19	-77.461786	39.029493
CP9684	14.590844	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	43.29	PL19	-77.450608	39.040694
CP9685	19.831898	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	72.79	PL19	-77.450942	39.040581
CP9756	1.081049	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	100.00	PL19	-77.455625	39.048914
CP9760	0.725331	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	100.00	PL19	-77.457041	39.048188
CP9784	9.000714	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	VACANT_ENTITLED	42.49	PL20	-77.458625	39.063212
CP9789	9.899356	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_LIGHT_IND_FLEX	58.56	PL20	-77.458968	39.063792
CP9963	3.472801	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	39.81	PL19	-77.452125	39.054653
CP9965	4.397140	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	100.00	PL19	-77.451999	39.054990
CP9966	4.947035	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	100.00	PL19	-77.451888	39.055155
CP9990	0.889675	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	100.00	PL19	-77.454495	39.057253
CP9994	1.032407	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	100.00	PL19	-77.454699	39.057408
CS1	13.330424	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	75.23	PL19	-77.411062	39.004851
CS16	0.492103	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	64.13	PL14	-77.528604	39.003729
DB1027	8.603174	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	78.06	PL45	-77.496037	38.900426
DB1099	19.712810	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	68.14	PL45	-77.495775	38.895350
DB1131	1.687120	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	61.41	PL45	-77.495598	38.893776
DB1138	1.680858	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	54.57	PL45	-77.495596	38.894875
DB1164	12.649611	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	70.89	PL45	-77.496283	38.897373
DB1169	0.187721	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	1.30	PL45	-77.496749	38.897417
DB1191	0.792181	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	46.26	PL45	-77.479623	38.907576
DB1212	8.611847	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	79.39	PL45	-77.481108	38.908027
DB1219	2.947736	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	64.55	PL45	-77.483127	38.908385
DB1224	23.720906	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	58.68	PL45	-77.483564	38.908424
DB1266	2.994637	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	66.39	PL45	-77.510753	38.896861
DB1271	6.539175	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	40.67	PL45	-77.511289	38.897024
DB1295	6.183341	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	62.99	PL45	-77.511449	38.897616
DB1318	2.331574	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	33.21	PL45	-77.522821	38.902346
DB1321	0.296837	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	1.98	PL45	-77.522881	38.902926
DB1326	8.084555	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	47.98	PL45	-77.522670	38.903781
DB1327	1.986259	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	32.90	PL45	-77.522321	38.904591
DB1335	1.452749	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	23.69	PL45	-77.521990	38.905168
DB1336	0.966481	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	29.26	PL45	-77.521807	38.905545
DB1341	0.502336	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	PUBLIC	8.68	PL45	-77.521920	38.906119
DB1344	12.691299	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	61.75	PL45	-77.521553	38.906045
DB1359	5.208134	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_GOLF_COURSE	59.34	PL45	-77.519980	38.908334
DB1366	0.997878	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_GOLF_COURSE	16.16	PL45	-77.518511	38.909112

Loudoun County Virginia
Regulated MS4 Outfall Table

FCITD	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
DB1373	3.853708	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	22.56	PL45	-77.518535	38.909616
DB1382	2.204253	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	21.77	PL19	-77.500380	39.022454
DB1395	5.332587	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	44.48	PL19	-77.498410	39.020216
DB1406	2.858222	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	73.09	PL19	-77.500285	39.020212
DB1412	0.522312	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	66.19	PL19	-77.501258	39.021551
DB1413	13.293909	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	42.61	PL19	-77.501573	39.021370
DB1426	0.845511	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	57.25	PL19	-77.501366	39.020264
DB1472	1.101985	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	42.69	PL19	-77.502326	39.022130
DB1486	9.494252	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	55.74	PL19	-77.503684	39.022196
DB15	33.790312	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	50.06	PL19	-77.427205	39.029728
DB1515	22.431292	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	46.85	PL19	-77.502829	39.022665
DB1574	5.967257	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	60.30	PL19	-77.501070	39.022731
DB1588	27.070407	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	38.38	PL19	-77.498044	39.017839
DB1592	0.482388	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	59.76	PL19	-77.497784	39.018856
DB162	9.157015	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	49.17	PL19	-77.426505	39.037558
DB1620	0.520822	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	6.05	PL19	-77.498934	39.016053
DB1622	2.191831	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	0.29	PL19	-77.499153	39.016076
DB1625	1.841861	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	71.32	PL19	-77.498965	39.015366
DB1628	0.631771	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	99.98	PL19	-77.499135	39.015646
DB1638	5.281144	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	69.50	PL19	-77.499367	39.016516
DB1658	10.391295	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	66.32	PL19	-77.498865	39.018067
DB1688	6.146558	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	71.09	PL19	-77.498873	39.018766
DB1696	36.340491	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	53.72	PL19	-77.497864	39.023527
DB1702	2.239664	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	69.20	PL19	-77.497452	39.025027
DB1812	5.081637	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	39.74	PL19	-77.509382	39.022600
DB1822	0.293504	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	69.33	PL19	-77.508915	39.022332
DB1827	1.325342	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	44.48	PL19	-77.508858	39.021586
DB1835	0.787960	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	60.98	PL19	-77.508239	39.021801
DB1838	0.884479	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	64.07	PL19	-77.507386	39.021789
DB1845	2.930328	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	65.80	PL19	-77.507087	39.019991
DB186	16.891971	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	75.04	PL19	-77.425295	39.035885
DB1860	4.350029	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	55.41	PL19	-77.508108	39.019321
DB1862	0.678579	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	0.36	PL19	-77.507832	39.019348
DB1864	2.758109	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	59.94	PL19	-77.508013	39.018927
DB1888	10.516107	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	30.64	PL19	-77.506925	39.018601
DB1916	12.582573	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	48.79	PL19	-77.507174	39.013759
DB1947	33.216968	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	50.44	PL19	-77.511627	39.014780
DB195	8.612301	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	43.86	PL19	-77.425526	39.036862
DB196	35.455394	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	73.54	PL19	-77.425472	39.036939
DB1974	3.313714	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	66.70	PL19	-77.510966	39.019736
DB1975	0.269193	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	98.61	PL19	-77.510779	39.019787
DB1980	1.551762	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	0.66	PL19	-77.510620	39.020265
DB2020	4.686078	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	20.30	PL19	-77.511042	39.023051
DB2046	6.484818	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	18.56	PL19	-77.511466	39.024949
DB2130	0.152660	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	100.00	PL19	-77.513912	39.016527
DB2133	0.889322	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	59.15	PL19	-77.514507	39.016557
DB2168	13.792002	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	47.50	PL20	-77.479720	39.079380
DB2209	12.576558	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	58.08	PL20	-77.481907	39.081225
DB2236	16.997125	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	72.05	PL20	-77.480265	39.085565
DB2252	7.967327	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	65.06	PL20	-77.478068	39.086659
DB2270	4.184039	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	73.86	PL20	-77.478965	39.087367
DB2296	8.138692	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	63.49	PL20	-77.481273	39.087882
DB2307	3.580720	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	75.24	PL20	-77.480921	39.089520
DB2318	4.705683	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	74.23	PL20	-77.477044	39.089383
DB2324	3.201744	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	79.23	PL20	-77.476069	39.087625
DB2329	3.388318	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	89.20	PL20	-77.480248	39.089842
DB2334	3.116611	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_NON_PUBLIC	67.36	PL20	-77.481485	39.088399
DB2338	3.635041	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	60.41	PL20	-77.481642	39.089133
DB2348	1.651188	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_NON_PUBLIC	100.00	PL20	-77.483952	39.087336
DB2359	29.157794	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	61.72	PL20	-77.484090	39.086548

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
DB2400	8.703538	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.482698	39.073358
DB2423	0.233087	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	100.00	PL19	-77.515103	39.016935
DB2431	5.213245	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	69.01	PL19	-77.517100	39.017824
DB2438	0.806806	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	31.50	PL19	-77.516949	39.017300
DB2439	2.448271	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	86.65	PL19	-77.517382	39.017208
DB2442	6.826396	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	61.34	PL19	-77.518559	39.016848
DB2460	4.214926	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	97.56	PL19	-77.516159	39.016505
DB2480	20.807851	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	68.20	PL19	-77.514561	39.015403
DB2493	4.694610	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	94.22	PL19	-77.513009	39.014519
DB2509	2.167285	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.515022	39.010954
DB2517	9.632091	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	93.17	PL19	-77.513711	39.011445
DB2523	17.356828	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	65.41	PL19	-77.514207	39.009632
DB2610	17.093961	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	79.96	PL19	-77.517132	39.009504
DB2611	10.769721	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	71.50	PL19	-77.518051	39.009562
DB2690	18.769568	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	67.53	PL19	-77.503781	39.061206
DB2748	18.786270	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	65.24	PL19	-77.500345	39.064717
DB2784	0.414709	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	61.22	PL20	-77.482192	39.081352
DB2793	15.477636	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	67.01	PL20	-77.484243	39.080881
DB2796	0.762179	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	85.99	PL20	-77.484794	39.080805
DB2797	33.111158	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	50.99	PL20	-77.485226	39.080664
DB2908	5.179692	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFA	60.71	PL20	-77.484163	39.087954
DB30	1.157905	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	0.02	PL19	-77.427739	39.030456
DB3051	3.961022	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	77.70	PL16	-77.501939	39.094723
DB3068	1.457349	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	84.06	PL16	-77.503912	39.094253
DB316	11.652041	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	61.82	PL19	-77.421519	39.034387
DB44	13.592765	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	50.40	PL19	-77.429081	39.032803
DB449	3.455554	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	8.31	PL19	-77.433454	39.048248
DB48	2.125801	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	22.28	PL19	-77.428882	39.032077
DB497	0.856678	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	26.66	PL19	-77.480818	39.065337
DB500	0.892069	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	1.24	PL19	-77.480980	39.064432
DB502	0.976666	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	31.92	PL19	-77.481008	39.064363
DB513	7.203564	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFST	72.82	PL19	-77.481394	39.064373
DB514	0.181994	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	1.84	PL19	-77.481356	39.064386
DB524	3.060648	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	69.64	PL19	-77.480548	39.058103
DB56	15.711423	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	17.66	PL19	-77.424989	39.039937
DB57	7.440978	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	80.40	PL19	-77.425344	39.039395
DB60	2.684820	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	19.67	PL19	-77.426115	39.038844
DB700	2.912936	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	21.37	PL45	-77.502374	38.890080
DB703	0.229674	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	VACANT_UNENTITLED	1.08	PL45	-77.503175	38.890472
DB706	0.132590	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	VACANT_UNENTITLED	0.69	PL45	-77.504316	38.890997
DB709	6.682031	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	MISC	25.87	PL45	-77.506509	38.891697
DB73	4.691885	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	26.62	PL19	-77.427180	39.038390
DB765	5.154232	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	78.46	PL45	-77.495240	38.890967
DB780	15.722461	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	29.56	PL45	-77.495225	38.891229
DB847	1.386942	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	20.03	PL45	-77.492870	38.891089
DB870	10.465752	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	49.41	PL45	-77.491910	38.892788
DB894	3.166596	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	65.85	PL45	-77.491675	38.893429
DB911	6.094841	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	55.36	PL45	-77.491562	38.894798
DB916	61.749177	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	62.81	PL45	-77.490233	38.896761
DB983	2.735147	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	66.55	PL45	-77.491733	38.895526
DB993	7.963294	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	54.51	PL45	-77.491198	38.896750
DD133	7.968828	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	78.01	PL18	-77.446119	38.985018
DD241	5.573509	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	100.00	PL45	-77.537800	38.912938
DD26	1.293569	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	99.87	PL19	-77.439872	38.997057
DD3	5.490009	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	54.57	PL19	-77.497095	39.027026
DD34	0.108260	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	100.00	PL20	-77.407666	39.036131
DD55	1.437665	020700080902	No	Chesapeake Bay	Horsepen Run	MISC	100.00	PL18	-77.437277	38.978224
DD58	0.565476	020700080902	No	Chesapeake Bay	Horsepen Run	MISC	100.00	PL18	-77.437893	38.978888
DD66	10.297222	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_CHURCH	55.76	PL45	-77.494056	38.914845
DD78	1.197308	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	98.73	PL19	-77.417187	39.017054

Loudoun County Virginia
Regulated MS4 Outfall Table

FCITD	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
DD8	0.958082	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	100.00	PL19	-77.436374	39.011546
DD86	4.167148	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	MULTI_USE	100.00	PL21	-77.389249	39.060368
DF123	8.180078	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	50.59	PL19	-77.463303	39.025880
DF148	6.983239	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	100.00	PL19	-77.426796	39.040616
DF153	0.581910	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	0.50	PL19	-77.428986	39.043421
DF158	5.455012	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	84.11	PL19	-77.474100	39.068218
DF16	1.078791	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	55.67	PL17	-77.500516	38.985421
DF169	9.967862	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	47.99	PL17	-77.504150	38.982199
DF175	52.881130	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	83.94	PL17	-77.503624	38.964998
DF185	9.446812	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_CHURCH	99.96	PL19	-77.475333	39.065810
DF188	1.679471	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	100.00	PL19	-77.448193	39.057842
DF190	10.023502	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.405790	39.012383
DF196	4.638700	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	78.62	PL19	-77.474977	39.066261
DF21	10.306755	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	54.27	PL45	-77.500206	38.916530
DF278	0.660681	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run		0.00	PL19	-77.500270	39.022508
DF28	16.705658	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	69.05	PL19	-77.468812	39.052997
DF66	14.435656	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	50.05	PL17	-77.543096	38.931058
DF73	14.066609	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	35.84	PL17	-77.505262	38.979698
DF93	2.914337	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	58.82	PL14	-77.531300	39.020364
DK11558	2.006598	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	65.88	PL19	-77.515794	39.004225
DK11568	0.526598	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	67.26	PL19	-77.516220	39.004078
DK20037	3.566249	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	49.16	PL19	-77.516815	39.003621
DK30021	1.769864	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	86.61	PL19	-77.513045	39.005869
DK30234	3.303854	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_MFA	88.85	PL20	-77.396301	39.029590
DK30235	5.453264	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL19	-77.423779	39.019847
DK30238	2.146248	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	99.78	PL19	-77.426564	39.016608
DK30239	3.003345	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	97.36	PL19	-77.424971	39.016050
DK30240	3.826431	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	50.32	PL19	-77.411434	39.008948
DK30241	0.475179	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	52.14	PL19	-77.411378	39.009041
DK30242	3.420739	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.93	PL19	-77.411740	39.009011
DK30245	3.547472	020700080902	No	Chesapeake Bay	Horsepen Run	COM_RETAIL	39.10	PL18	-77.424561	38.990066
DK30246	6.738108	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	59.85	PL19	-77.408182	38.995985
DK30247	1.685062	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	35.31	PL19	-77.407789	38.995722
DK30255	5.164703	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	78.75	PL19	-77.513330	39.005795
DK30257	9.108329	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.17	PL19	-77.514841	39.004383
DK30259	0.764877	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	39.74	PL17	-77.518726	38.983125
DK30260	4.044774	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	68.26	PL17	-77.518936	38.981145
DK30261	3.799165	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	71.42	PL17	-77.518732	38.981151
DK80001	0.071786	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_MFA	83.53	PL20	-77.396551	39.029626
DW120	3.460361	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.425900	38.983593
DW152	14.223935	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	62.34	PL18	-77.447374	38.982680
DW155	1.115523	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	49.23	PL21	-77.377469	39.029785
DW156	1.310490	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	49.27	PL21	-77.377430	39.029773
DW193	2.395840	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL17	-77.500322	38.966927
DW212	2.052657	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	89.59	PL19	-77.463571	39.022857
DW26	19.038588	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	MULTI_USE	24.14	PL21	-77.356478	39.041786
DW29	1.134137	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	92.91	PL21	-77.363611	39.037775
DW309	3.120660	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFST	36.64	PL19	-77.499859	39.053249
DW311	1.626949	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFST	95.87	PL19	-77.499934	39.053231
DW325	1.251686	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	82.59	PL19	-77.490113	39.020060
DW43	14.636556	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	MULTI_USE	38.65	PL21	-77.358567	39.042566
DW46	1.816985	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	60.65	PL45	-77.523711	38.902801
DW48	43.529691	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	69.91	PL19	-77.469100	39.019588
DW52	11.930298	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	MULTI_USE	72.73	PL21	-77.346005	39.053752
GC1002	1.658159	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	68.08	PL14	-77.526488	39.005774
GC1216	3.610756	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	76.78	PL45	-77.515475	38.919501
GC1274	11.261691	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	VACANT_ENTITLED	46.80	PL42	-77.556121	38.909261
GC1275	5.507200	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	81.06	PL42	-77.557166	38.909034
GC1276	2.873416	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	67.01	PL42	-77.557285	38.910265
GC1279	11.331265	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	44.71	PL42	-77.556681	38.911370

Loudoun County Virginia
Regulated MS4 Outfall Table

FCITID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
GC1280	8.800826	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	COM_OTHER_PUBLIC	81.02	PL42	-77.557394	38.912513
GC1483	2.855381	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	69.83	PL45	-77.539240	38.914726
GC1515	0.518659	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	1.74	PL45	-77.524040	38.900400
GC1516	2.439770	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	23.93	PL45	-77.523875	38.900323
GC1517	12.740403	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	48.38	PL45	-77.522901	38.901977
GC1518	1.487028	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	73.36	PL45	-77.523937	38.901051
GC1519	1.484855	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	48.06	PL45	-77.524043	38.903017
GC1520	2.772790	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	73.16	PL45	-77.523360	38.905207
GC1521	3.272319	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	68.71	PL45	-77.523219	38.906978
GC1522	0.405622	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	PUBLIC	46.57	PL45	-77.523284	38.907339
GC1523	0.753758	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	PUBLIC	74.23	PL45	-77.522873	38.907853
GC1535	5.788006	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	53.62	PL45	-77.529853	38.928722
GC1536	1.779320	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	44.54	PL45	-77.529492	38.928591
GC1537	1.729982	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	61.16	PL45	-77.528529	38.927576
GC1538	1.737599	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	54.47	PL45	-77.532731	38.928676
GC1540	14.080360	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	49.09	PL45	-77.530553	38.925990
GC1541	4.443425	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	30.71	PL45	-77.531837	38.925806
GC1542	13.447747	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	51.75	PL45	-77.532263	38.925289
GC1543	20.668537	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	54.11	PL17	-77.551149	38.936374
GC1544	0.610393	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	100.00	PL17	-77.551219	38.935739
GC1545	2.170653	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	34.74	PL42	-77.550286	38.926322
GC1546	12.488969	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	62.19	PL42	-77.550093	38.926277
GC1548	6.744006	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	75.90	PL42	-77.550699	38.924810
GC1552	20.170184	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	29.75	PL42	-77.551877	38.922060
GC2101	6.683125	020700080403	No	Chesapeake Bay	Limestone Branch - Potomac River	RES_SFD	58.35	PL05	-77.494883	39.110494
GC2102	3.603232	020700080403	No	Chesapeake Bay	Limestone Branch - Potomac River	RES_SFD	64.52	PL05	-77.495725	39.112538
GC2103	5.746417	020700080403	No	Chesapeake Bay	Limestone Branch - Potomac River	RES_SFD	76.37	PL05	-77.490837	39.110093
GC2104	1.795569	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	71.88	PL20	-77.477032	39.087337
GC2105	19.512398	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	70.18	PL20	-77.474764	39.087654
GC2109	57.797626	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	51.43	PL16	-77.506257	39.090664
GC2140	3.560390	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	66.02	PL19	-77.460988	39.041721
GC2141	2.063791	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	67.04	PL19	-77.462086	39.042255
GC2142	9.540642	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	73.37	PL19	-77.463744	39.042686
GC2246	20.054077	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	57.60	PL19	-77.460250	39.045100
GC2247	3.058793	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	76.07	PL19	-77.460196	39.045104
GC2248	2.361433	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	53.20	PL19	-77.460314	39.045195
GC2250	7.659233	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	43.22	PL19	-77.458971	39.045752
GC2257	0.652560	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	72.38	PL19	-77.459674	39.033606
GC2258	0.848317	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	83.80	PL19	-77.460503	39.033144
GC2259	1.454048	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	84.54	PL19	-77.461476	39.033228
GC235	4.323576	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	46.54	PL14	-77.532378	39.024212
GC236	1.225471	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	78.08	PL14	-77.534558	39.023149
GC237	0.967568	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	69.26	PL14	-77.535551	39.023410
GC2379	3.883234	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	96.70	PL16	-77.509591	39.060397
GC238	2.209742	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	72.74	PL14	-77.536092	39.022647
GC2381	31.992044	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	62.28	PL19	-77.505447	39.055540
GC2386	49.014694	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	57.23	PL16	-77.510751	39.063790
GC2390	5.386613	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	45.72	PL19	-77.460887	39.040839
GC2394	0.230858	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	58.36	PL19	-77.464236	39.042663
GC2395	14.326377	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	43.52	PL19	-77.462171	39.041504
GC2465	4.527499	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	75.35	PL16	-77.508829	39.086930
GC2469	6.060172	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	54.77	PL19	-77.498515	39.060678
GC2470	0.506217	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	61.43	PL19	-77.499134	39.059545
GC2553	12.028609	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	36.08	PL19	-77.461507	39.047976
GC2554	6.291295	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	69.37	PL19	-77.459524	39.046507
GC2555	4.870713	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	49.13	PL19	-77.460273	39.045695
GC2556	9.658739	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	73.38	PL19	-77.461916	39.048207
GC2557	9.845813	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	65.71	PL19	-77.462716	39.048970
GC2654	1.793459	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	67.33	PL19	-77.493288	39.042788
GC2658	2.837380	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_GOLF_COURSE	39.07	PL19	-77.495095	39.060646

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FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
GC2659	2.503376	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	73.28	PL19	-77.496993	39.059301
GC2660	1.217400	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	77.73	PL19	-77.494844	39.059211
GC2661	1.901447	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	79.47	PL19	-77.496428	39.058210
GC2662	1.431058	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	73.31	PL19	-77.494758	39.057411
GC2737	20.005632	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	61.01	PL16	-77.490004	39.097871
GC2738	31.769611	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	46.65	PL16	-77.490577	39.098394
GC2812	8.508727	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	54.69	PL16	-77.495474	39.094453
GC2813	15.061832	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	64.71	PL16	-77.496792	39.095006
GC2814	1.481729	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	75.56	PL16	-77.498573	39.091586
GC2815	1.783280	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	73.87	PL16	-77.498877	39.092973
GC2817	31.543733	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	45.25	PL16	-77.506149	39.087284
GC541	2.807226	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	84.47	PL17	-77.493440	38.975652
GC543	7.046294	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	78.57	PL17	-77.494066	38.975301
GC547	44.527974	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	34.62	PL21	-77.352941	39.053363
GC548	1.915721	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	83.23	PL21	-77.352642	39.053481
GC908	19.756891	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	61.11	PL17	-77.516514	38.987482
GC909	0.617614	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	88.53	PL17	-77.514471	38.985731
GC914	5.432688	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	39.20	PL17	-77.514362	38.985244
GC915	5.715832	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	38.11	PL17	-77.513576	38.984556
GC919	9.918698	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	39.54	PL17	-77.514953	38.981525
GC922	21.700370	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	31.99	PL17	-77.515853	38.981973
GC927	0.759035	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	48.07	PL17	-77.520844	38.988353
GC948	4.202617	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	39.11	PL17	-77.512212	38.983587
GC979	39.783781	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	38.11	PL17	-77.515777	38.993933
GC981	8.427568	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	83.13	PL17	-77.513723	38.990514
GC982	1.192941	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	77.79	PL17	-77.512446	38.991560
GC983	1.738538	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	38.29	PL17	-77.511497	38.991096
GC993	13.915783	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	35.86	PL14	-77.534994	39.022333
GC995	1.673964	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	70.27	PL14	-77.533825	39.023166
GC996	19.227111	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	29.95	PL14	-77.533336	39.022908
GC998	0.446388	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	83.02	PL14	-77.529540	39.006798
JC1	6.143555	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	55.73	PL45	-77.524814	38.916973
JC1026	4.958516	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	78.90	PL19	-77.504231	39.038953
JC1028	29.189394	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	19.93	PL19	-77.504613	39.038860
JC1050	2.256835	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	99.98	PL19	-77.505503	39.039746
JC1053	1.243767	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.506890	39.039792
JC1056	1.259746	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	50.02	PL19	-77.507716	39.039578
JC1058	1.245318	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	67.41	PL19	-77.508679	39.038740
JC1063	1.036126	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	70.92	PL19	-77.509070	39.036678
JC1065	11.226328	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	41.43	PL19	-77.509056	39.037423
JC1067	5.216397	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	94.83	PL19	-77.508966	39.038570
JC1097	4.460681	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	89.76	PL19	-77.510188	39.038844
JC1098	2.160770	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	70.86	PL19	-77.511185	39.038737
JC1106	1.163833	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	73.21	PL19	-77.513180	39.037911
JC1125	5.531066	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	77.69	PL19	-77.509513	39.035202
JC1127	8.294368	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	67.06	PL19	-77.509507	39.035307
JC1144	2.885069	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	84.07	PL19	-77.508999	39.035788
JC1146	4.017225	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	21.55	PL19	-77.514133	39.036704
JC11470	1.310638	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	70.38	PL42	-77.559656	38.913020
JC11476	0.931987	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	92.30	PL42	-77.559751	38.912968
JC11477	0.643145	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	56.10	PL42	-77.560056	38.913163
JC1148	0.991422	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	0.92	PL19	-77.514282	39.036758
JC11480	0.448327	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	58.71	PL42	-77.560234	38.913045
JC11490	1.156462	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	63.88	PL42	-77.559071	38.911731
JC11491	8.075892	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	63.96	PL42	-77.559233	38.911401
JC1175	1.340702	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	25.39	PL19	-77.515450	39.037766
JC1177	9.014762	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	28.89	PL19	-77.515522	39.037842
JC119	2.782182	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	81.52	PL45	-77.525826	38.908289
JC1206	3.519742	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	31.83	PL19	-77.498744	39.031625
JC1218	1.059284	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	48.20	PL19	-77.498595	39.031906

Loudoun County Virginia
Regulated MS4 Outfall Table

FCITD	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
JC1220	2.345647	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	100.00	PL19	-77.499525	39.032639
JC1227	1.234333	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	100.00	PL19	-77.500452	39.033091
JC1231	23.531806	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	34.52	PL19	-77.500529	39.032955
JC1241	4.200866	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	58.16	PL19	-77.502473	39.033073
JC125	3.650641	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	79.13	PL45	-77.527724	38.908845
JC126	3.632073	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	78.53	PL45	-77.530259	38.910275
JC1277	3.863950	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	49.28	PL19	-77.488908	39.047051
JC135	22.839873	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	67.95	PL45	-77.531350	38.908040
JC1381	5.099088	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	52.53	PL19	-77.488361	39.056344
JC1390	3.586332	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	53.23	PL19	-77.488037	39.057055
JC1398	2.214418	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	51.25	PL19	-77.487452	39.058146
JC14	10.009016	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	64.17	PL45	-77.526275	38.916902
JC1403	7.359027	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	16.62	PL19	-77.486801	39.059003
JC1421	9.788660	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	40.54	PL19	-77.486918	39.059097
JC1439	5.394851	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	46.10	PL19	-77.488000	39.058743
JC1456	2.678306	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	46.57	PL19	-77.488265	39.057728
JC1459	0.777019	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	85.10	PL19	-77.488776	39.056087
JC148	7.039656	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	67.72	PL45	-77.529555	38.908192
JC1485	7.492587	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	60.01	PL19	-77.491554	39.057283
JC1488	6.108171	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	38.40	PL19	-77.491482	39.057768
JC1495	1.727550	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	80.81	PL19	-77.489156	39.054493
JC1498	2.839513	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	77.31	PL19	-77.491209	39.058685
JC1502	1.946675	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.24	PL19	-77.494550	39.060352
JC1518	5.896692	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	72.27	PL19	-77.490533	39.060848
JC1519	1.262047	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	99.18	PL19	-77.490849	39.060091
JC1529	17.703886	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	40.37	PL19	-77.491449	39.060673
JC1542	0.749098	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	60.84	PL19	-77.494020	39.062377
JC1549	3.399242	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	60.76	PL19	-77.494605	39.061043
JC1567	4.525048	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFA	56.65	PL16	-77.504212	39.068653
JC1584	0.451886	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	100.00	PL16	-77.502585	39.068947
JC1586	7.178811	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFA	57.18	PL16	-77.502594	39.069021
JC1588	0.182517	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	100.00	PL16	-77.501743	39.069247
JC1593	4.693479	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	62.55	PL16	-77.501295	39.069137
JC1604	1.282206	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	MULTI_USE	100.00	PL16	-77.501422	39.068873
JC1630	1.866015	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	67.05	PL16	-77.506286	39.071678
JC1631	3.513853	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	51.26	PL16	-77.506199	39.072068
JC1656	12.650041	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	MULTI_USE	47.64	PL16	-77.501080	39.072836
JC1662	1.351604	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFA	53.02	PL16	-77.503471	39.068686
JC168	5.377558	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	75.61	PL45	-77.526768	38.904160
JC1685	1.606200	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	66.67	PL19	-77.498519	39.066575
JC169	0.840525	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	61.66	PL45	-77.526358	38.904485
JC1693	3.660669	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	77.37	PL19	-77.499084	39.065907
JC1696	8.745458	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	49.33	PL16	-77.501658	39.068415
JC173	3.184955	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	72.89	PL45	-77.528948	38.903858
JC1774	15.316475	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	MULTI_USE	11.32	PL16	-77.502454	39.081348
JC1800	8.314742	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	MULTI_USE	36.41	PL16	-77.510726	39.085530
JC1803	0.201949	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	PUBLIC	0.00	PL16	-77.512462	39.086342
JC1817	0.830691	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek		0.00	PL16	-77.516759	39.088789
JC1837	7.807332	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	57.25	PL16	-77.498523	39.087446
JC1849	29.190108	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	39.70	PL16	-77.498572	39.088042
JC186	3.847632	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	77.15	PL45	-77.532031	38.905521
JC1886	1.626558	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	70.98	PL16	-77.499335	39.089674
JC1963	38.663677	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	44.75	PL16	-77.511409	39.098307
JC202	9.164655	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	74.05	PL45	-77.525327	38.906500
JC2025	32.361429	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	52.62	PL16	-77.503667	39.098866
JC203	0.247665	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	51.65	PL45	-77.526106	38.906132
JC210	3.335412	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	77.98	PL45	-77.527682	38.904882
JC211	12.126380	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	45.11	PL45	-77.516912	38.904825
JC2124	3.835675	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	75.86	PL17	-77.500595	38.984447
JC214	3.060378	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_GOLF_COURSE	64.25	PL45	-77.516897	38.905204

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
JC2152	1.304060	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	75.09	PL17	-77.521018	38.997765
JC2153	1.695269	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	77.55	PL17	-77.520824	38.995148
JC2154	12.162867	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	59.11	PL17	-77.519569	38.991828
JC2199	5.108443	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	86.74	PL17	-77.482582	38.995884
JC2226	3.529641	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	65.08	PL19	-77.495697	39.053588
JC2227	8.384919	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	80.38	PL19	-77.496373	39.054493
JC2228	4.887562	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	75.05	PL19	-77.496357	39.056689
JC2229	4.744647	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	90.62	PL19	-77.495991	39.055892
JC2230	3.394908	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	35.24	PL19	-77.500731	39.055505
JC2231	17.983025	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	56.61	PL19	-77.499734	39.053262
JC227	7.869750	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_GOLF_COURSE	56.14	PL45	-77.518897	38.907072
JC2294	0.742686	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	63.63	PL19	-77.504947	39.017754
JC2297	6.489880	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	43.51	PL19	-77.503173	39.017284
JC2299	2.978469	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.68	PL19	-77.503899	39.018810
JC2306	2.810958	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	MULTI_USE	45.58	PL17	-77.479772	38.993298
JC2326	7.231368	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	84.17	PL17	-77.501819	38.987947
JC2327	4.432534	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	69.57	PL17	-77.502248	38.986411
JC2415	3.576212	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	49.80	PL19	-77.499095	39.052839
JC2417	3.252823	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	40.16	PL19	-77.496249	39.051341
JC2418	6.415344	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	18.81	PL19	-77.495641	39.051542
JC2419	6.689654	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	35.13	PL19	-77.495451	39.051525
JC2422	5.551043	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	83.35	PL19	-77.500337	39.059428
JC243	2.923416	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	50.76	PL45	-77.515466	38.908779
JC2492	0.691598	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	0.02	PL19	-77.517846	39.003010
JC2493	15.211603	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	65.83	PL19	-77.517820	39.002231
JC2494	0.507937	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	0.07	PL19	-77.517638	39.003631
JC2496	3.881794	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	83.16	PL19	-77.516342	39.006868
JC2498	0.089702	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	0.51	PL19	-77.516572	39.005522
JC2499	0.752474	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	0.03	PL19	-77.516102	39.006040
JC2515	9.423665	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	89.14	PL17	-77.480622	38.991988
JC2516	20.950579	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	MULTI_USE	79.40	PL17	-77.482759	38.990323
JC2524	14.874180	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	42.62	PL17	-77.506008	38.986961
JC2527	1.594856	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	78.72	PL17	-77.502471	38.986441
JC2563	5.810536	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	85.58	PL17	-77.518901	38.990348
JC2565	5.710652	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	66.30	PL17	-77.518504	38.989125
JC266	8.523929	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	40.95	PL45	-77.520507	38.909546
JC2696	3.854925	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	76.98	PL19	-77.515947	39.009093
JC2702	0.548616	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	68.25	PL19	-77.469720	39.054352
JC2704	14.330495	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	35.66	PL19	-77.470567	39.050227
JC2727	29.010101	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	38.02	PL17	-77.483279	38.990324
JC2744	9.232897	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	70.05	PL17	-77.502848	38.985539
JC2755	6.963961	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	86.42	PL19	-77.495262	39.045447
JC2813	3.505816	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	54.00	PL19	-77.501446	39.061312
JC2816	0.775725	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	57.06	PL19	-77.502022	39.061437
JC2817	7.485383	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	62.99	PL19	-77.499044	39.059426
JC2818	0.551159	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	82.38	PL19	-77.498200	39.060735
JC2819	2.925652	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	61.37	PL19	-77.497897	39.060999
JC2881	1.105382	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	25.33	PL19	-77.515428	39.006938
JC2882	3.373760	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	26.45	PL19	-77.512308	39.008636
JC2898	2.183457	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.24	PL19	-77.514858	39.008508
JC2899	3.533145	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	84.18	PL19	-77.517102	39.009132
JC2930	1.251487	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	61.85	PL17	-77.483265	38.989811
JC2931	3.610719	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	48.87	PL17	-77.483250	38.989469
JC2932	1.547562	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	64.74	PL17	-77.483205	38.989091
JC2953	4.499572	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	3.34	PL17	-77.499040	38.993405
JC2954	2.394493	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	9.21	PL17	-77.495368	38.993889
JC2988	8.890581	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	73.87	PL19	-77.495867	39.046501
JC2991	0.812082	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	64.98	PL19	-77.497799	39.048668
JC30000	7.312353	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	76.79	PL19	-77.476346	39.021442
JC30001	2.090486	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	63.65	PL19	-77.476193	39.021511

Loudoun County Virginia
Regulated MS4 Outfall Table

FCtid	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
JC30003	8.859281	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	65.07	PL19	-77.478096	39.021070
JC30004	1.202979	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	67.68	PL19	-77.487291	39.014419
JC30005	0.182207	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	89.10	PL19	-77.488187	39.013439
JC30006	0.326250	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	53.34	PL19	-77.488476	39.013096
JC30007	1.203379	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	53.83	PL19	-77.487627	39.014328
JC30008	2.342772	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	44.17	PL19	-77.487595	39.013984
JC30009	9.880144	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	42.27	PL17	-77.503981	39.000873
JC30010	1.456343	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	39.31	PL17	-77.504229	39.001643
JC30011	1.578388	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	2.58	PL17	-77.504453	39.002329
JC30012	18.030902	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	63.22	PL17	-77.507319	38.999046
JC30021	15.639745	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	56.01	PL17	-77.524107	38.990567
JC30024	2.980272	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	69.92	PL17	-77.522732	38.978702
JC30030	42.744262	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	38.91	PL17	-77.521586	38.971163
JC30034	22.224976	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	57.81	PL17	-77.519929	38.973226
JC30037	8.161131	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	34.49	PL17	-77.522291	38.969702
JC30050	51.123464	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	MULTI_USE	27.23	PL14	-77.537218	38.987158
JC30054	4.693002	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	19.65	PL17	-77.540517	38.976228
JC30055	9.490671	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	61.33	PL17	-77.540553	38.976152
JC30072	1.311042	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	69.49	PL19	-77.466646	39.049726
JC30073	11.557162	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	58.66	PL19	-77.466435	39.049417
JC30074	3.905119	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	52.75	PL19	-77.466385	39.050863
JC30075	3.223840	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_MFA	46.49	PL21	-77.354954	39.038641
JC30076	1.054993	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_MFA	60.59	PL21	-77.355061	39.039236
JC30077	1.006687	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_MFA	59.20	PL21	-77.355254	39.039834
JC30078	1.679662	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	45.05	PL21	-77.356143	39.037060
JC30079	9.337485	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	35.24	PL21	-77.356176	39.036891
JC30080	0.270074	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	78.90	PL21	-77.354782	39.036424
JC30081	1.813132	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	57.87	PL21	-77.355480	39.037582
JC30082	3.462296	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	63.40	PL19	-77.463734	39.048830
JC30083	6.019046	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	53.11	PL19	-77.465498	39.043494
JC3017	5.215869	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	43.01	PL19	-77.502163	39.061511
JC3018	9.180846	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	43.96	PL19	-77.501534	39.062049
JC30195	3.360810	020700080301	No	Chesapeake Bay	South Fork Catactin Creek	RES_SFD	74.73	PL02	-77.667515	39.133904
JC30196	16.734932	020700080301	No	Chesapeake Bay	South Fork Catactin Creek	RES_SFD	80.50	PL02	-77.657646	39.136466
JC30198	0.875785	020700080301	No	Chesapeake Bay	South Fork Catactin Creek	RES_SFD	49.51	PL02	-77.658988	39.137008
JC30199	7.144229	020700080301	No	Chesapeake Bay	South Fork Catactin Creek	RES_SFD	59.63	PL02	-77.660352	39.136592
JC30217	6.616518	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	55.10	PL45	-77.527048	38.923134
JC30219	0.631830	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	31.74	PL45	-77.533078	38.921348
JC30220	7.594620	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	56.69	PL45	-77.533510	38.921269
JC30221	1.558564	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	62.67	PL45	-77.533686	38.921667
JC30222	2.406770	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	95.01	PL45	-77.533006	38.920923
JC30224	0.776693	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	85.05	PL45	-77.527440	38.923574
JC30226	2.443920	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	62.73	PL17	-77.583730	38.950076
JC30227	5.844127	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	40.24	PL17	-77.586306	38.950839
JC30228	3.594312	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	69.95	PL17	-77.590285	38.951010
JC30229	16.688118	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	63.78	PL17	-77.591987	38.950864
JC3023	17.268597	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	32.75	PL19	-77.498864	39.063797
JC30230	1.581065	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	58.58	PL17	-77.601248	38.952248
JC30231	4.156102	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	79.14	PL17	-77.605766	38.949576
JC30233	17.413200	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	79.47	PL17	-77.597531	38.947889
JC30234	5.224191	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	76.90	PL17	-77.597666	38.945750
JC30236	1.209800	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	66.37	PL17	-77.591463	38.947978
JC30240	9.632176	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	79.03	PL17	-77.601668	38.942695
JC30243	83.552069	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	48.52	PL42	-77.559258	38.914495
JC30244	8.361722	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	52.77	PL42	-77.559823	38.914606
JC30247	1.111267	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	52.32	PL42	-77.560500	38.911593
JC30249	14.798341	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	COM_OTHER_PUBLIC	55.22	PL42	-77.558080	38.913048
JC30258	9.704087	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	89.64	PL18	-77.430385	38.995075
JC30260	23.900870	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	41.12	PL42	-77.550467	38.913329
JC30262	13.043480	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	62.85	PL45	-77.479104	38.905300

Loudoun County Virginia
Regulated MS4 Outfall Table

FCITID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
JC30263	3.265506	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	61.06	PL45	-77.510862	38.912017
JC3093	0.397717	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	0.78	PL19	-77.487381	39.027178
JC3094	49.174284	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	68.78	PL19	-77.488357	39.026393
JC3096	10.208202	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	55.45	PL19	-77.488357	39.026355
JC3098	6.433624	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	96.00	PL19	-77.491688	39.020476
JC3106	6.801797	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.68	PL19	-77.471348	39.056101
JC3107	27.603158	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	61.55	PL19	-77.472096	39.056905
JC3125	0.636911	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	56.03	PL17	-77.483228	38.988573
JC3126	1.012777	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	53.79	PL17	-77.483882	38.987957
JC3127	2.498038	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	53.64	PL17	-77.484406	38.987848
JC3155	11.369092	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	69.74	PL17	-77.496532	38.988476
JC3157	1.571002	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	76.61	PL17	-77.496364	38.986901
JC3199	13.013317	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	78.04	PL19	-77.496416	39.044597
JC3213	7.029827	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	64.85	PL16	-77.507898	39.105007
JC3214	1.552880	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	52.57	PL16	-77.509069	39.107071
JC3245	13.883592	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	43.01	PL19	-77.503010	39.058341
JC3246	1.802289	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	57.20	PL19	-77.503656	39.058183
JC3248	5.123601	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	66.22	PL19	-77.503651	39.060072
JC3249	4.834247	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	31.21	PL19	-77.502163	39.057614
JC3250	1.710665	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	44.88	PL19	-77.491906	39.052995
JC3306	0.821414	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	66.00	PL19	-77.472287	39.057058
JC3321	5.310475	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	47.11	PL17	-77.487166	38.988116
JC3323	2.415188	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	54.28	PL17	-77.487713	38.988778
JC3364	14.586185	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	55.91	PL17	-77.509264	38.989051
JC3373	11.443359	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	75.42	PL17	-77.525165	38.981051
JC3394	3.849981	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	68.46	PL16	-77.511962	39.106303
JC3395	6.217337	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	60.24	PL16	-77.512098	39.106497
JC3396	2.004240	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	81.10	PL16	-77.511973	39.107874
JC3397	1.536776	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	57.89	PL16	-77.510501	39.107611
JC3398	2.784310	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	87.16	PL16	-77.512742	39.109442
JC3454	0.946859	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	39.81	PL19	-77.492567	39.052448
JC3455	0.230234	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_GOLF_COURSE	5.07	PL19	-77.490553	39.053707
JC3457	1.049639	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	75.42	PL19	-77.491913	39.050985
JC3458	8.163494	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	27.60	PL19	-77.491648	39.050981
JC3459	1.838879	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	71.78	PL19	-77.491599	39.050804
JC3460	2.209989	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	66.66	PL19	-77.495131	39.050609
JC3461	0.522356	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	94.26	PL19	-77.494824	39.051385
JC3531	2.853876	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	44.37	PL17	-77.494502	38.993407
JC3568	1.835542	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	58.56	PL16	-77.514470	39.109657
JC3569	1.481150	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	64.10	PL16	-77.514462	39.111065
JC3570	10.869541	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	75.68	PL16	-77.513804	39.106292
JC3639	16.697060	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	37.77	PL19	-77.482295	39.058441
JC3641	8.920487	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	51.97	PL19	-77.482688	39.059074
JC3643	12.011211	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	65.86	PL19	-77.481726	39.059113
JC3644	0.503446	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	95.64	PL19	-77.480904	39.058900
JC3706	5.443568	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	63.66	PL19	-77.473089	39.057230
JC3726	7.195843	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	22.04	PL17	-77.488584	38.994285
JC3758	13.798920	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	79.80	PL17	-77.508352	38.988383
JC3759	6.567967	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	84.16	PL17	-77.506907	38.986691
JC378	1.157312	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	61.24	PL19	-77.487248	39.030685
JC3909	1.450875	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.465068	39.057728
JC3926	2.573588	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	0.04	PL17	-77.488766	38.994317
JC3927	0.941398	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	71.71	PL17	-77.488358	38.994760
JC3929	0.939650	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	78.65	PL17	-77.489121	38.993519
JC3930	1.599957	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	33.32	PL17	-77.489037	38.994127
JC3931	1.207475	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	50.41	PL17	-77.488859	38.993385
JC3951	1.027013	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	49.22	PL17	-77.506775	38.988718
JC3961	4.520400	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	85.20	PL17	-77.512064	38.984163
JC3982	35.146156	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	39.76	PL16	-77.518948	39.106871
JC3992	17.718966	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	49.35	PL17	-77.522700	38.979026

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
JC4046	0.575351	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	47.78	PL19	-77.481300	39.059771
JC4108	2.491162	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.465244	39.058479
JC4122	1.313017	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	57.47	PL17	-77.488762	38.993726
JC4123	2.083077	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	51.17	PL17	-77.489118	38.992807
JC4127	0.714801	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	72.39	PL17	-77.521825	38.984408
JC4157	2.868496	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	50.78	PL17	-77.489387	38.993127
JC4158	1.526175	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	52.00	PL17	-77.489626	38.992454
JC4159	0.583031	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	52.30	PL17	-77.489392	38.992401
JC4183	18.289994	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	73.65	PL17	-77.514310	38.986288
JC4184	2.814328	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	83.39	PL17	-77.509710	38.985386
JC4185	20.989063	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	32.61	PL17	-77.523270	38.983620
JC419	7.240849	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	43.37	PL19	-77.486553	39.034106
JC4200	3.875956	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	65.05	PL16	-77.511391	39.105130
JC4201	1.038278	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	63.16	PL16	-77.514073	39.105879
JC4202	0.329393	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	0.53	PL16	-77.514687	39.106362
JC4203	36.877501	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	51.83	PL16	-77.515657	39.106456
JC4208	37.884169	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	63.70	PL17	-77.522983	38.977501
JC4210	5.788570	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	84.00	PL17	-77.522424	38.977461
JC4211	9.706881	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	77.49	PL17	-77.521264	38.979363
JC4212	2.593555	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	63.07	PL17	-77.521782	38.978937
JC424	1.310612	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	71.87	PL19	-77.485707	39.035270
JC427	0.975605	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	70.63	PL19	-77.488125	39.034797
JC430	0.809108	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	70.88	PL19	-77.486598	39.035134
JC4323	15.176684	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	61.84	PL17	-77.522646	38.984161
JC4324	90.169703	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	28.43	PL17	-77.523191	38.983505
JC433	1.863135	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	78.55	PL19	-77.489026	39.035052
JC4344	1.304266	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	54.76	PL17	-77.489524	38.992094
JC4345	4.262041	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	57.36	PL17	-77.489892	38.990803
JC4346	1.468971	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	57.47	PL17	-77.489445	38.990005
JC4347	1.391922	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	55.47	PL17	-77.488637	38.989372
JC4348	1.243982	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	51.13	PL17	-77.489688	38.991824
JC4349	0.546079	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	59.38	PL17	-77.490200	38.992105
JC436	2.273192	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	78.72	PL19	-77.490309	39.035568
JC4384	3.931920	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	63.22	PL17	-77.527460	38.981227
JC4422	16.778754	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	52.96	PL16	-77.508375	39.108436
JC4423	0.972747	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	71.91	PL16	-77.506240	39.108244
JC4425	1.203847	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	58.39	PL17	-77.529244	38.981117
JC4431	26.802647	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	61.38	PL17	-77.516650	38.979718
JC447	0.565276	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	8.94	PL19	-77.485605	39.037669
JC4512	14.161597	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	45.73	PL16	-77.508150	39.100574
JC4522	4.145243	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	65.78	PL17	-77.523319	38.981384
JC4523	0.219817	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	77.59	PL17	-77.523784	38.981539
JC4525	1.024415	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	72.56	PL17	-77.523158	38.981524
JC4526	0.809906	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	90.70	PL17	-77.523654	38.981716
JC4546	0.733944	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	56.24	PL17	-77.491095	38.992154
JC4547	4.875942	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	48.60	PL17	-77.491754	38.992538
JC4548	15.840970	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	84.42	PL17	-77.492646	38.993444
JC458	2.961613	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	69.24	PL19	-77.487256	39.037399
JC4620	0.690425	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	56.87	PL16	-77.511797	39.110323
JC4621	1.580378	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	50.44	PL16	-77.511333	39.109838
JC4622	1.399074	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	52.02	PL16	-77.510952	39.109529
JC4623	1.419157	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	46.75	PL16	-77.510601	39.109235
JC4624	33.987644	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	40.14	PL16	-77.506403	39.108246
JC4635	17.646546	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	62.85	PL14	-77.534587	39.026559
JC4636	7.064358	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	77.10	PL14	-77.534716	39.026180
JC4639	2.924589	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	98.53	PL19	-77.469203	39.020382
JC4640	1.424693	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	80.21	PL19	-77.469921	39.020668
JC468	3.790721	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	84.29	PL19	-77.485787	39.036228
JC4723	2.532645	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	70.85	PL17	-77.522237	38.981792
JC4725	0.364994	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	56.36	PL17	-77.521588	38.982159

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
JC474	1.495385	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	57.04	PL19	-77.487427	39.036107
JC4741	8.227230	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	80.90	PL17	-77.500102	38.986383
JC4742	1.213582	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	38.51	PL17	-77.493029	38.993010
JC4743	1.437636	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	97.38	PL17	-77.494067	38.993294
JC4744	6.519230	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	75.05	PL17	-77.494349	38.993926
JC478	1.507599	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	81.55	PL19	-77.488626	39.036181
JC4815	1.266071	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	59.84	PL16	-77.509739	39.108588
JC4816	2.265880	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFA	44.30	PL16	-77.513155	39.111142
JC4817	13.535087	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	56.12	PL16	-77.512292	39.110528
JC4818	3.015591	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	59.86	PL16	-77.513866	39.111735
JC4819	0.278612	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFA	53.82	PL16	-77.514236	39.112314
JC484	0.969436	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	35.24	PL19	-77.489428	39.037070
JC4879	3.419353	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	81.34	PL19	-77.479839	39.020668
JC4880	3.096882	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	20.33	PL19	-77.480677	39.020665
JC4881	1.238927	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	21.36	PL19	-77.481156	39.020547
JC491	1.530140	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.491347	39.037841
JC4914	1.165882	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	71.11	PL17	-77.491287	38.990904
JC4923	1.250644	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	60.22	PL17	-77.499329	38.985308
JC4925	1.617904	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	77.62	PL17	-77.497483	38.987091
JC4949	33.778733	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	65.16	PL17	-77.527940	38.981395
JC4997	4.312025	020700080403	No	Chesapeake Bay	Limestone Branch - Potomac River	HOA	52.28	PL05	-77.495234	39.109798
JC4998	1.775517	020700080403	No	Chesapeake Bay	Limestone Branch - Potomac River	HOA	54.52	PL05	-77.496898	39.110248
JC501	2.624824	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	92.52	PL19	-77.491403	39.037886
JC5054	1.604894	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	9.56	PL19	-77.481541	39.020166
JC5055	3.537472	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	8.32	PL19	-77.482788	39.017851
JC5107	11.614203	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	57.91	PL16	-77.506319	39.100519
JC5115	1.333412	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	73.67	PL17	-77.491863	38.991930
JC5118	39.514429	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	67.80	PL17	-77.491859	38.989766
JC5119	1.133174	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	58.28	PL17	-77.491804	38.989992
JC5126	5.255233	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	72.03	PL17	-77.509207	38.984656
JC516	13.556002	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	66.60	PL19	-77.489344	39.037737
JC517	6.534160	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	44.52	PL19	-77.506413	39.043257
JC5202	1.602193	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	69.21	PL16	-77.502523	39.100985
JC5203	2.159907	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	81.19	PL16	-77.502037	39.100629
JC5204	1.066424	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	64.68	PL16	-77.499070	39.098923
JC5263	0.472245	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.502011	39.057297
JC5345	1.910791	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	70.50	PL17	-77.522076	38.980183
JC5346	61.511343	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	41.76	PL17	-77.523737	38.981623
JC5371	4.556555	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	74.71	PL17	-77.528064	38.981503
JC5404	4.339915	020700080403	No	Chesapeake Bay	Limestone Branch - Potomac River	RES_SFA	69.20	PL05	-77.496222	39.112705
JC5514	7.778636	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	57.14	PL16	-77.505089	39.100164
JC5517	8.732955	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	79.03	PL16	-77.503024	39.101707
JC552	2.437943	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	56.29	PL19	-77.505359	39.043482
JC5531	2.575348	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	61.89	PL17	-77.497320	38.992459
JC5532	2.520422	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	68.08	PL17	-77.497330	38.992429
JC5533	1.476624	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	98.76	PL17	-77.496023	38.992962
JC5534	1.740566	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	68.12	PL17	-77.495933	38.992994
JC556	2.457789	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	72.57	PL19	-77.503266	39.044144
JC5566	4.293488	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	45.51	PL17	-77.532291	38.983274
JC5567	0.224046	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	37.72	PL17	-77.521311	38.988885
JC5570	1.451630	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	60.90	PL16	-77.512809	39.109728
JC5578	5.639042	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	70.74	PL16	-77.501634	39.097837
JC5579	0.238787	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	45.10	PL16	-77.501660	39.097308
JC5580	4.308992	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	65.41	PL16	-77.501893	39.096644
JC5637	2.589603	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_CHURCH	23.92	PL19	-77.462403	39.056530
JC5638	3.290892	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFST	22.85	PL19	-77.463835	39.055428
JC566	4.546579	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	66.37	PL19	-77.503774	39.045163
JC5672	64.151330	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_PUBLIC	26.86	PL20	-77.489061	39.093376
JC5677	10.652081	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	55.00	PL20	-77.481673	39.096115
JC5713	2.064571	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	80.71	PL16	-77.505558	39.103692

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
JC5729	1.274443	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	93.81	PL17	-77.495021	38.993125
JC5733	2.914476	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	74.15	PL17	-77.498414	38.993231
JC5735	12.689037	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	64.95	PL17	-77.499853	38.991941
JC5736	1.166716	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	26.58	PL17	-77.499947	38.992153
JC5759	5.987940	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	83.53	PL17	-77.521371	38.989122
JC5763	15.558558	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	64.53	PL17	-77.520910	38.992616
JC5773	1.043135	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	61.26	PL16	-77.499237	39.097414
JC5774	7.909715	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	75.90	PL16	-77.503545	39.096105
JC5775	4.104015	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	78.62	PL16	-77.501641	39.096471
JC583	28.297086	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	46.12	PL19	-77.505212	39.045926
JC5832	0.487928	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	3.49	PL19	-77.464608	39.055903
JC5833	22.456372	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	21.22	PL19	-77.464751	39.055911
JC5846	0.060746	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	82.48	PL19	-77.503238	39.058926
JC5870	11.351248	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	38.51	PL20	-77.479990	39.093517
JC5871	10.036740	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	46.65	PL20	-77.482291	39.097166
JC5872	45.071030	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	32.71	PL16	-77.486982	39.097572
JC589	8.571524	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	39.97	PL19	-77.504659	39.043279
JC5893	14.899412	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	43.39	PL19	-77.488828	39.054076
JC5894	2.952632	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	64.30	PL19	-77.489241	39.054148
JC5896	5.195860	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	78.28	PL19	-77.494632	39.053322
JC5913	10.538807	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	84.84	PL17	-77.479936	38.992995
JC5937	2.091910	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	68.61	PL17	-77.501949	38.989619
JC5985	20.392810	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	78.12	PL17	-77.521368	38.994439
JC5988	1.391612	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	74.08	PL17	-77.520779	38.993961
JC5999	1.711885	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_HOTEL	79.98	PL17	-77.483068	38.996836
JC600	1.333924	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	51.46	PL19	-77.505667	39.042867
JC6001	15.249505	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	64.64	PL17	-77.483372	38.996397
JC6002	1.084073	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_HOTEL	1.35	PL17	-77.482679	38.996042
JC6017	8.404714	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	100.00	PL19	-77.467912	39.062338
JC6020	22.291739	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	72.21	PL19	-77.475732	39.017520
JC6021	30.192565	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	56.04	PL19	-77.475704	39.017497
JC6023	2.816577	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	38.33	PL19	-77.490943	39.053595
JC603	0.977825	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	13.86	PL19	-77.505917	39.042950
JC6122	9.470755	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	79.11	PL17	-77.499001	38.967342
JC6124	21.556593	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	80.75	PL17	-77.499438	38.968184
JC6125	13.022230	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	83.51	PL17	-77.496217	38.968936
JC6126	14.182261	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	57.40	PL17	-77.496574	38.968055
JC6127	4.446727	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	79.94	PL17	-77.500263	38.969795
JC6130	22.896527	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	65.19	PL17	-77.502675	38.975086
JC6205	26.782085	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	86.93	PL17	-77.494521	38.973497
JC6207	21.966896	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	73.23	PL17	-77.495237	38.975903
JC6248	6.276704	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	COM_OTHER_NON_PUBLIC	44.96	PL42	-77.550807	38.925357
JC625	2.926897	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	66.43	PL19	-77.502135	39.039641
JC6299	8.163637	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	64.03	PL45	-77.533478	38.911552
JC6302	1.259087	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	73.55	PL45	-77.537877	38.907811
JC6303	3.259091	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	81.16	PL45	-77.534473	38.906101
JC6304	2.866181	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	80.03	PL45	-77.532235	38.906664
JC644	23.214575	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	71.57	PL19	-77.499331	39.042775
JC6484	30.552283	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	41.63	PL45	-77.514310	38.908476
JC6485	3.743743	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	70.64	PL45	-77.513215	38.907762
JC6488	32.056622	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	27.82	PL45	-77.511388	38.903268
JC651	1.158753	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	71.90	PL19	-77.503564	39.043758
JC6522	5.450309	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	71.35	PL45	-77.504093	38.911220
JC6545	3.258784	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	73.88	PL45	-77.500700	38.912062
JC6548	5.229934	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	58.59	PL45	-77.504678	38.912958
JC6549	1.881497	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	48.76	PL45	-77.502092	38.911351
JC6550	14.489251	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	78.12	PL45	-77.503288	38.908040
JC657	3.216257	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	81.47	PL19	-77.501485	39.043625
JC661	9.946107	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	77.13	PL19	-77.499553	39.039257
JC6669	1.025121	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	49.20	PL45	-77.505729	38.905672

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FCITD	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
JC6671	41.379302	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	48.57	PL45	-77.505448	38.906477
JC6676	14.626225	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	53.14	PL45	-77.498120	38.904785
JC6825	14.179097	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	75.43	PL45	-77.484255	38.905564
JC6826	0.970216	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	62.23	PL45	-77.484387	38.907095
JC6828	18.940211	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	45.27	PL45	-77.481492	38.905719
JC6830	21.538689	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	59.71	PL45	-77.480403	38.905177
JC6831	11.288179	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	51.75	PL45	-77.483613	38.905129
JC6832	9.702223	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	70.21	PL45	-77.486476	38.904157
JC696	3.132580	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	71.11	PL19	-77.511979	39.043997
JC699	4.555420	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.27	PL19	-77.509264	39.043532
JC701	1.398501	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	73.97	PL19	-77.513243	39.044769
JC702	8.040351	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	64.27	PL19	-77.512207	39.043215
JC722	26.515488	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	59.03	PL19	-77.515502	39.043919
JC724	0.460110	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	19.31	PL19	-77.514846	39.043957
JC728	3.979066	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	89.59	PL19	-77.512305	39.042896
JC735	17.659889	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	65.71	PL19	-77.511208	39.043308
JC75	12.515231	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	43.58	PL45	-77.523210	38.909384
JC758	3.609397	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.508037	39.047447
JC76	23.072846	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	42.49	PL45	-77.523238	38.909282
JC763	6.052669	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.507673	39.047280
JC765	18.141270	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	97.52	PL19	-77.507660	39.047502
JC804	14.491216	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	99.24	PL19	-77.509439	39.047660
JC807	3.678395	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.509817	39.047720
JC836	5.439110	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	12.33	PL19	-77.512769	39.046412
JC896	5.724509	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	68.39	PL19	-77.508573	39.042885
JC897	4.998658	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	75.23	PL19	-77.507725	39.042845
JC921	11.876015	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	52.27	PL19	-77.507561	39.040156
JC923	2.978847	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	58.49	PL19	-77.508721	39.039416
JC937	1.431865	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	57.66	PL19	-77.509932	39.039341
JC939	1.488172	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	79.04	PL19	-77.506899	39.040523
JC943	3.777048	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	64.42	PL19	-77.505736	39.040335
JC950	0.901312	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	63.73	PL19	-77.504018	39.040594
JC958	3.469775	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	23.05	PL19	-77.503279	39.039781
JC963	10.419615	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	13.48	PL19	-77.502532	39.039293
JH1	1.183950	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	57.46	PL19	-77.513338	39.050197
KD30009	2.670082	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	62.72	PL17	-77.582516	38.951922
KD30012	2.793529	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	84.97	PL17	-77.604765	38.951033
KD30013	4.331235	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	48.87	PL17	-77.603094	38.944348
KD30015	4.570514	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	60.52	PL42	-77.607574	38.944024
KD30018	8.619738	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	54.37	PL17	-77.587100	38.949291
KD30019	6.383393	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	78.66	PL17	-77.585445	38.949166
KS0122	6.353070	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	57.66	PL16	-77.496352	39.073162
KS0134	2.669111	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	PUBLIC	40.81	PL17	-77.550877	38.938863
KS0137	1.805035	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	73.37	PL19	-77.448573	39.018628
KS0139	0.962869	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_GOLF_COURSE	3.06	PL19	-77.448208	39.018697
KS0141	3.377106	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	80.12	PL19	-77.447482	39.018854
KS0146	0.524641	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	0.28	PL20	-77.421154	39.052551
KS0203	5.030057	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	68.12	PL19	-77.466372	39.028510
KS0226	1.798543	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	77.30	PL45	-77.486527	38.908385
KS0250	4.014444	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	66.41	PL17	-77.536764	38.966092
KS0252	5.951108	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	53.09	PL17	-77.536875	38.965530
KS0254	6.580108	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	51.50	PL17	-77.537005	38.965573
KS0256	0.410940	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	52.84	PL17	-77.536880	38.966208
KS0261	1.585461	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	19.72	PL19	-77.441941	39.049206
KS0364	0.923368	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	MISC	98.63	PL42	-77.569150	38.896162
KS0365	1.058345	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	MISC	98.91	PL42	-77.568927	38.896368
KS0366	0.486525	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	MISC	83.60	PL42	-77.568695	38.896696
KT10191	6.821384	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	MULTI_USE	83.60	PL17	-77.503676	38.994725
KT10197	2.075408	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	MULTI_USE	55.97	PL17	-77.505720	38.993347
KW102	4.099251	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	74.17	PL45	-77.536672	38.908708

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
KW109	1.091081	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	94.83	PL20	-77.482702	39.081128
KW114	29.901182	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	32.20	PL16	-77.494672	39.104118
KW12	2.089492	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	87.43	PL20	-77.401352	39.045291
KW120	2.575591	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	76.30	PL16	-77.502083	39.105185
KW131	1.409570	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	51.26	PL19	-77.423252	39.010528
KW201	5.291086	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	73.11	PL16	-77.499549	39.101467
KW224	11.332174	020700080602	Yes	Goose Creek (Benthic), Chesapeake Bay	North Fork Goose Creek	RES_SFD	82.73	PL12	-77.664763	39.131638
KW264	15.448032	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	76.74	PL19	-77.517927	39.007869
KW298	0.731615	020700080902	No	Chesapeake Bay	Horsepen Run	COM_RETAIL	100.00	PL18	-77.436245	38.978833
KW301	5.204800	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	76.04	PL16	-77.487921	39.102501
KW351	4.877132	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	72.93	PL19	-77.424831	39.015296
KW353	15.520285	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	PUBLIC	20.77	PL19	-77.429166	39.011447
KW363	0.237128	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	84.23	PL19	-77.490324	39.034317
KW406	11.141990	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	98.92	PL17	-77.558567	38.936074
KW434	1.709578	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	80.57	PL45	-77.532855	38.911442
KW438	1.873022	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	57.20	PL45	-77.523414	38.903408
KW464	16.719137	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_CHURCH	27.17	PL19	-77.483355	39.066131
KW487	0.220428	020700080703	Yes	Goose Creek (Benthic), Chesapeake Bay	Sycolin Creek		0.00	PL15	-77.588281	39.085840
KW488	3.795558	020700080703	Yes	Goose Creek (Benthic), Chesapeake Bay	Sycolin Creek	RES_SFD	47.23	PL15	-77.588341	39.085994
KW494	0.507885	020700080703	Yes	Goose Creek (Benthic), Chesapeake Bay	Sycolin Creek	MULTI_USE	56.49	PL15	-77.588405	39.085723
KW570	18.175021	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	43.01	PL45	-77.493608	38.909707
KW88	2.854034	020700080905	Yes	Sugarland Run (Bacterial), Chesapeake Bay	Sugarland Run	COM_OTHER_PUBLIC	100.00	PL21	-77.371112	39.029254
KX0006	8.409456	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	39.20	PL17	-77.506692	38.976936
KX0016	5.752232	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	56.10	PL17	-77.605346	38.938766
KX0018	10.744691	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	62.61	PL17	-77.604915	38.940164
KX0020	5.595625	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	64.09	PL17	-77.564101	38.960003
KX0026	11.604078	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	49.72	PL14	-77.532026	39.029357
MD104	7.632634	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFA	72.76	PL20	-77.411753	39.034307
MD109	2.254863	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	77.04	PL20	-77.411911	39.033747
MD114	4.368042	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	89.78	PL20	-77.412492	39.032935
MD1246	0.454876	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	63.69	PL19	-77.426556	39.045647
MD126	1.697577	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	VACANT_UNENTITLED	88.65	PL20	-77.413448	39.031891
MD1265	3.039116	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	72.63	PL19	-77.426993	39.045846
MD1269	1.161734	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_CHURCH	100.00	PL19	-77.428486	39.045590
MD1281	7.773717	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	71.05	PL19	-77.430321	39.046450
MD130	68.938016	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	81.43	PL20	-77.411688	39.032802
MD1334	1.593516	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	71.12	PL19	-77.425264	39.045326
MD1344	5.696453	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	61.11	PL19	-77.425702	39.045562
MD1353	0.784016	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	59.11	PL19	-77.425250	39.045642
MD1355	1.831668	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	52.08	PL19	-77.424202	39.045300
MD1360	2.874886	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	40.75	PL19	-77.424132	39.044905
MD1366	13.450062	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	36.08	PL19	-77.423835	39.045484
MD1435	0.556290	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.423555	39.044964
MD1441	9.338992	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	36.17	PL19	-77.423122	39.044687
MD1444	2.762268	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.423139	39.044643
MD1452	0.081514	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	99.86	PL19	-77.425555	39.043467
MD1550	106.033762	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	39.19	PL19	-77.422716	39.044530
MD164	6.611766	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	68.12	PL20	-77.409738	39.033975
MD1641	20.671643	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	55.75	PL20	-77.418673	39.050548
MD1667	19.487509	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	37.01	PL18	-77.439736	38.983555
MD1678	1.958931	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	28.76	PL18	-77.445270	38.982822
MD1684	0.229927	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.444330	38.983268
MD1687	1.943789	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.445227	38.984377
MD1689	1.097415	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.445082	38.985148
MD1692	1.112213	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	39.13	PL18	-77.444980	38.985434
MD1697	4.528241	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	70.63	PL18	-77.444264	38.986200
MD1701	12.581505	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	80.96	PL18	-77.445038	38.985488
MD1748	104.848607	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	56.96	PL18	-77.443599	38.987019
MD1751	1.341613	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	91.78	PL18	-77.443893	38.986773
MD178	6.287013	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_HOTEL	43.28	PL20	-77.410740	39.033277

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
MD1782	2.120724	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	99.73	PL18	-77.444848	38.985725
MD1784	0.771348	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.445338	38.985198
MD1910	1.428731	020700080902	No	Chesapeake Bay	Horsepen Run	MULTI_USE	32.62	PL18	-77.451047	38.985892
MD1911	78.085456	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	45.31	PL18	-77.450989	38.985804
MD1929	14.978096	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	97.57	PL18	-77.447335	38.982705
MD1937	4.122614	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	17.89	PL18	-77.447899	38.982831
MD1960	1.285623	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	99.89	PL18	-77.443298	38.983230
MD1971	7.419602	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	89.95	PL18	-77.447050	38.981999
MD200	1.621053	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	100.00	PL20	-77.414388	39.029618
MD2036	3.959840	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	99.09	PL18	-77.444553	38.978484
MD204	0.432473	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	VACANT_UNENTITLED	4.74	PL20	-77.412733	39.029590
MD206	2.737056	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	75.11	PL20	-77.412807	39.029404
MD2064	0.317952	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	14.01	PL18	-77.446049	38.982240
MD2079	4.503469	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	57.73	PL18	-77.443089	38.981671
MD2095	11.222144	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	94.31	PL18	-77.440114	38.980992
MD2103	0.540638	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	26.04	PL18	-77.438987	38.980154
MD218	1.795463	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	100.00	PL20	-77.414562	39.029006
MD222	1.948401	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	99.89	PL20	-77.414772	39.028446
MD2242	3.329528	020700080902	No	Chesapeake Bay	Horsepen Run	MISC	85.22	PL18	-77.437958	38.979038
MD225	0.974567	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	100.00	PL20	-77.414775	39.028253
MD2255	3.448489	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	100.00	PL18	-77.438749	38.980237
MD2264	3.014648	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	100.00	PL18	-77.439187	38.980706
MD2276	2.723669	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	50.66	PL18	-77.439779	38.981375
MD2278	0.421046	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.440335	38.982251
MD2280	0.451436	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.440322	38.981903
MD2282	1.073037	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.439585	38.982748
MD2301	2.263719	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	92.55	PL18	-77.437413	38.983636
MD2306	4.397513	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	98.72	PL18	-77.436718	38.983122
MD231	1.873026	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	100.00	PL20	-77.414936	39.027697
MD232	54.950717	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	43.39	PL20	-77.414977	39.027664
MD2323	3.678803	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	85.45	PL18	-77.438993	38.983079
MD2344	15.125270	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	90.76	PL18	-77.439056	38.980503
MD2365	11.048130	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	71.78	PL18	-77.435427	38.982966
MD25	2.920342	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	54.92	PL19	-77.418390	39.030561
MD2524	4.463671	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	100.00	PL18	-77.434160	38.982555
MD2533	0.673904	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	100.00	PL18	-77.433267	38.981936
MD2536	2.643379	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	81.52	PL18	-77.433200	38.981895
MD2537	2.126645	020700080902	No	Chesapeake Bay	Horsepen Run	COM_HOTEL	69.53	PL18	-77.433136	38.981826
MD2540	0.210365	020700080902	No	Chesapeake Bay	Horsepen Run	COM_RETAIL	8.61	PL18	-77.433067	38.981773
MD2572	4.712174	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	90.45	PL18	-77.430172	38.983164
MD2585	5.758903	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	100.00	PL18	-77.431564	38.984013
MD2588	1.206631	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	54.50	PL18	-77.431639	38.984208
MD2589	1.077424	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	14.79	PL18	-77.431607	38.984286
MD2593	1.284001	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	53.17	PL18	-77.432028	38.984670
MD2595	1.560276	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	93.21	PL18	-77.432013	38.984775
MD2612	4.002715	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	92.87	PL18	-77.432419	38.985499
MD2626	8.949353	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	54.81	PL18	-77.433430	38.986434
MD2631	2.407405	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	93.94	PL18	-77.432629	38.987427
MD2647	1.129829	020700080902	No	Chesapeake Bay	Horsepen Run	COM_RETAIL	65.28	PL18	-77.435496	38.978828
MD2649	1.329225	020700080902	No	Chesapeake Bay	Horsepen Run	COM_RETAIL	87.83	PL18	-77.435237	38.978841
MD2650	40.444155	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	21.99	PL18	-77.434706	38.978904
MD2652	4.246011	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	67.99	PL18	-77.434704	38.978830
MD2663	2.761104	020700080902	No	Chesapeake Bay	Horsepen Run	COM_HOTEL	92.64	PL18	-77.431927	38.978699
MD2671	0.661454	020700080902	No	Chesapeake Bay	Horsepen Run	COM_HOTEL	100.00	PL18	-77.431026	38.977824
MD2708	1.357119	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	99.82	PL19	-77.451911	38.992380
MD2788	3.022221	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL19	-77.449658	38.994780
MD2789	3.076018	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	99.97	PL19	-77.449309	38.994188
MD2813	15.765731	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	73.57	PL19	-77.454065	38.995381
MD2831	8.343042	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	55.26	PL19	-77.454560	38.997196
MD2838	4.338157	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	99.75	PL19	-77.455583	38.998404

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
MD2883	2.079485	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	31.06	PL19	-77.451690	39.001380
MD2884	30.592097	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	35.53	PL19	-77.451593	39.001427
MD2891	50.214895	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	46.73	PL19	-77.455511	39.002715
MD2905	0.645659	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	32.91	PL19	-77.454862	39.001321
MD2910	0.635972	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	32.94	PL19	-77.455985	39.001288
MD2916	1.209889	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	37.75	PL19	-77.456263	39.001060
MD2959	6.374760	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	73.32	PL19	-77.456556	39.001313
MD2961	0.492590	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	1.95	PL19	-77.457783	38.997477
MD2966	2.861305	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	74.18	PL19	-77.448464	39.001054
MD2972	0.524768	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	19.58	PL19	-77.449802	39.001696
MD2981	1.322040	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	52.72	PL19	-77.449396	39.002121
MD2982	14.417770	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	79.06	PL19	-77.449296	39.002056
MD2984	4.070612	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	95.76	PL19	-77.447573	39.001202
MD3003	1.794609	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	63.24	PL19	-77.445984	39.000165
MD3098	1.186676	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	100.00	PL19	-77.444638	39.005140
MD3099	11.658487	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	65.45	PL19	-77.444625	39.005141
MD3102	1.057895	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	19.92	PL19	-77.444138	39.005285
MD3103	11.348248	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	92.17	PL19	-77.445880	39.006452
MD3104	2.278719	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	91.72	PL19	-77.446304	39.006683
MD3109	1.452164	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	32.77	PL19	-77.445851	39.007163
MD3128	2.465393	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	26.11	PL19	-77.447558	39.007585
MD3164	1.260012	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	43.09	PL19	-77.443916	39.004971
MD3166	6.206542	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	98.90	PL19	-77.443626	39.005007
MD3190	2.901420	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL19	-77.442402	39.003947
MD3223	2.970101	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	100.00	PL19	-77.442961	39.003623
MD3228	8.486660	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	99.97	PL19	-77.442676	39.003155
MD3230	4.792554	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	97.70	PL19	-77.442456	39.002546
MD3261	3.206234	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	100.00	PL19	-77.443956	39.004536
MD3262	1.236798	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	5.81	PL19	-77.444862	39.000361
MD3268	23.102467	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	83.77	PL19	-77.444011	38.998931
MD3273	2.767958	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	42.57	PL19	-77.443910	38.999084
MD3332	6.337439	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	53.33	PL19	-77.447730	38.998490
MD3337	1.183338	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	73.47	PL19	-77.447570	38.999230
MD3339	1.325842	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	72.48	PL19	-77.447530	38.999383
MD3344	1.878444	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	72.61	PL19	-77.447871	38.999489
MD3353	0.246424	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	100.00	PL19	-77.446802	38.997255
MD3374	2.885947	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	99.99	PL19	-77.444358	38.995509
MD3375	3.715128	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL19	-77.444482	38.995442
MD3405	0.376297	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	14.95	PL19	-77.440086	38.998123
MD3407	2.568072	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	92.86	PL19	-77.439710	38.997718
MD3409	0.234438	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL19	-77.439297	38.998241
MD3416	9.920331	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	71.23	PL19	-77.437100	38.999456
MD3420	3.464872	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	92.83	PL19	-77.448731	38.996153
MD3424	0.129152	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL19	-77.449678	38.996448
MD3425	8.150930	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	83.09	PL19	-77.449654	38.996358
MD3428	0.605099	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	37.04	PL19	-77.449565	38.996621
MD3430	16.682287	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	73.48	PL19	-77.448522	38.994054
MD3438	2.467703	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	36.77	PL19	-77.449245	38.992763
MD3452	16.190018	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	98.21	PL18	-77.468732	38.990231
MD3472	17.943977	020700080902	No	Chesapeake Bay	Horsepen Run	MISC	53.30	PL18	-77.467534	38.989569
MD3510	8.460198	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL17	-77.471612	38.990283
MD3517	1.577626	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	100.00	PL19	-77.437860	39.012204
MD3527	20.939328	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	79.56	PL19	-77.440685	39.010820
MD3550	3.356354	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	100.00	PL19	-77.436552	39.011521
MD3562	6.881226	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	99.23	PL19	-77.435724	39.012355
MD3567	1.275018	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	100.00	PL19	-77.437300	39.012868
MD3675	157.378590	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	42.07	PL19	-77.441520	39.008458
MD3771	26.643994	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	55.05	PL45	-77.506862	38.901942
MD3791	1.261496	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	66.09	PL45	-77.506190	38.905819
MD3797	0.407582	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	18.13	PL45	-77.506480	38.906318

Loudoun County Virginia
Regulated MS4 Outfall Table

FCID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
MD3804	2.258440	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	58.19	PL45	-77.506234	38.907020
MD3811	1.853018	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	63.96	PL45	-77.505983	38.907893
MD3814	1.724217	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	90.17	PL45	-77.505993	38.908365
MD3816	0.213557	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	27.59	PL45	-77.506055	38.908642
MD3817	3.746287	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	79.10	PL45	-77.506173	38.909159
MD3827	0.251421	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	30.40	PL45	-77.505906	38.909649
MD3828	5.018025	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	63.19	PL45	-77.505419	38.909542
MD3834	3.061205	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	68.39	PL45	-77.505298	38.908354
MD3843	1.389894	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	65.45	PL45	-77.505202	38.911416
MD3866	2.704981	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	76.18	PL45	-77.506290	38.909970
MD3872	1.162884	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	51.13	PL45	-77.506377	38.910700
MD3873	3.589936	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	81.57	PL45	-77.506066	38.911211
MD3880	1.712483	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	80.62	PL45	-77.506001	38.911767
MD3890	3.580719	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	64.70	PL45	-77.505806	38.912393
MD3892	0.180426	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	23.77	PL45	-77.505805	38.912656
MD3893	7.257461	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	61.43	PL45	-77.505750	38.913081
MD3907	2.519649	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	29.23	PL45	-77.505781	38.914479
MD3931	12.847573	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	68.40	PL45	-77.505831	38.915454
MD3960	0.153517	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OFFICE_GENERAL	24.96	PL45	-77.506189	38.920492
MD3961	2.553556	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	66.41	PL45	-77.506085	38.920425
MD4000	7.581098	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	33.32	PL45	-77.506804	38.920804
MD4005	4.700963	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	44.16	PL45	-77.505533	38.920214
MD4015	8.010745	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	48.30	PL45	-77.505782	38.915467
MD4035	3.812314	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	34.12	PL45	-77.510513	38.916056
MD4036	3.825285	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	79.67	PL45	-77.510399	38.916163
MD4061	3.226498	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	19.13	PL45	-77.509778	38.917307
MD4062	8.170800	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	78.47	PL45	-77.509691	38.917192
MD4074	0.894253	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	5.73	PL45	-77.510858	38.916670
MD4087	3.832310	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	66.96	PL45	-77.508585	38.907319
MD4116	3.596161	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	54.27	PL45	-77.510211	38.912459
MD4119	2.212382	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	60.40	PL45	-77.510086	38.911631
MD4128	3.938376	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	80.31	PL45	-77.510109	38.910603
MD4140	7.190671	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_RETAIL	37.17	PL45	-77.494346	38.918562
MD4152	11.199359	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	69.01	PL45	-77.510618	38.909446
MD4161	2.817593	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	43.36	PL45	-77.510922	38.909631
MD4166	0.914035	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	59.11	PL45	-77.510963	38.910722
MD4173	1.253038	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	53.73	PL45	-77.512969	38.910298
MD4179	1.001155	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	60.25	PL45	-77.513818	38.910607
MD4228	35.407439	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	31.09	PL45	-77.514516	38.909982
MD4229	0.212733	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	MULTI_USE	18.66	PL45	-77.514644	38.909647
MD4303	1.880765	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	24.68	PL45	-77.510807	38.913004
MD4307	0.171933	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	0.73	PL45	-77.510498	38.913074
MD4310	10.069587	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	54.52	PL45	-77.510351	38.913319
MD435	9.651784	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	37.78	PL20	-77.409235	39.033996
MD4363	6.189110	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	81.28	PL45	-77.501725	38.891207
MD4383	5.524741	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	76.87	PL45	-77.501246	38.894267
MD4404	9.274233	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	74.04	PL45	-77.501161	38.895236
MD4427	9.371426	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	71.39	PL45	-77.501448	38.896935
MD444	0.802991	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	2.73	PL20	-77.409706	39.034859
MD445	1.293926	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	42.93	PL20	-77.410348	39.035343
MD4484	17.825140	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	25.03	PL45	-77.522969	38.909449
MD451	2.514953	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFA	42.85	PL20	-77.412486	39.035700
MD508	25.180819	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	49.34	PL19	-77.431836	39.035513
MD524	3.746953	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	65.01	PL20	-77.402692	39.045895
MD529	2.638143	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	61.48	PL20	-77.403254	39.047231
MD537	9.468264	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	73.57	PL20	-77.406861	39.047383
MD543	14.823757	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	67.29	PL20	-77.408381	39.047772
MD572	24.155700	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	71.55	PL20	-77.403470	39.044093
MD611	3.968745	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	43.98	PL20	-77.406024	39.039485
MD62	3.522276	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	55.36	PL20	-77.413746	39.031924

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
MD624	15.720709	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	57.69	PL20	-77.404201	39.041520
MD631	2.004518	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	65.71	PL20	-77.403146	39.043380
MD642	1.777967	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	74.51	PL20	-77.417485	39.054506
MD654	3.265052	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	56.22	PL20	-77.419210	39.052773
MD660	5.146688	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	46.47	PL20	-77.419342	39.053343
MD671	11.041791	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	66.94	PL20	-77.421053	39.052498
MD685	7.730644	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	68.81	PL20	-77.421129	39.052617
MD765	1.640131	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	64.88	PL20	-77.421005	39.053124
MD769	1.560774	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	73.42	PL20	-77.420384	39.054310
MD770	9.926009	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	55.66	PL20	-77.420876	39.054601
MD789	0.445674	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	28.22	PL20	-77.422238	39.054048
MD790	65.582869	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	54.10	PL20	-77.422257	39.054000
MD795	4.625601	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	80.11	PL20	-77.418580	39.055506
MD840	34.706462	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	77.66	PL20	-77.426607	39.057482
MD855	2.424151	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	71.71	PL20	-77.419466	39.055890
MD866	2.301241	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	84.98	PL20	-77.422761	39.057805
MD877	8.244681	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	71.72	PL20	-77.418349	39.056039
MD883	2.038636	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	72.07	PL20	-77.418465	39.056727
MD886	4.649552	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	40.01	PL20	-77.418546	39.057639
MD890	5.731196	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	77.99	PL20	-77.417827	39.057430
MD900	3.922496	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	76.08	PL20	-77.417876	39.055468
MD909	7.066143	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	39.26	PL20	-77.416695	39.054853
ME1008	0.392900	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	46.24	PL19	-77.403808	38.991811
ME1022	1.003554	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	61.26	PL19	-77.405033	38.991948
ME1025	1.450468	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	65.04	PL19	-77.406451	38.991831
ME1032	10.077087	020700080902	No	Chesapeake Bay	Horsepen Run	RES_SFD	52.43	PL18	-77.405759	38.986819
ME1039	1.323363	020700080902	No	Chesapeake Bay	Horsepen Run	RES_SFD	61.32	PL18	-77.406780	38.987237
ME1053	7.386860	020700080902	No	Chesapeake Bay	Horsepen Run	RES_SFD	62.58	PL18	-77.407371	38.988441
ME1056	33.315280	020700080902	No	Chesapeake Bay	Horsepen Run	RES_SFD	55.71	PL18	-77.407223	38.989613
ME1064	0.246304	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	35.10	PL19	-77.406731	38.992635
ME1065	7.682811	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	46.10	PL19	-77.406837	38.992745
ME1072	1.737331	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	60.92	PL19	-77.406109	38.993098
ME1074	2.367894	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	58.18	PL19	-77.406003	38.993147
ME1089	6.605837	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	76.95	PL19	-77.408755	38.993868
ME1095	2.790443	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	60.67	PL19	-77.409378	38.993894
ME1100	5.875013	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	48.65	PL19	-77.412040	38.994236
ME1108	10.804570	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	32.08	PL19	-77.413815	38.995853
ME1129	1.221593	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	71.29	PL19	-77.412842	38.994895
ME1131	1.745377	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	28.57	PL19	-77.409751	38.997911
ME126	23.259909	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	72.45	PL21	-77.362745	39.039235
ME134	4.199059	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	67.63	PL21	-77.375526	39.029481
ME142	2.537131	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	HOA	31.06	PL21	-77.374679	39.030073
ME1464	3.300032	020700080902	No	Chesapeake Bay	Horsepen Run	COM_RETAIL	70.09	PL18	-77.411024	38.976128
ME1486	28.143981	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	84.22	PL18	-77.413500	38.980623
ME15	0.442814	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	94.90	PL21	-77.340907	39.046098
ME1547	20.521528	020700080902	No	Chesapeake Bay	Horsepen Run	PUBLIC	0.00	PL18	-77.410415	38.974767
ME155	1.340400	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_OTHER_PUBLIC	67.41	PL21	-77.375142	39.029158
ME1555	2.513234	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	31.97	PL18	-77.415389	38.977682
ME159	0.429577	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_OTHER_PUBLIC	92.11	PL21	-77.375587	39.028962
ME161	0.835151	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_OTHER_PUBLIC	83.60	PL21	-77.375419	39.028924
ME1626	23.864970	020700080902	No	Chesapeake Bay	Horsepen Run	MULTI_USE	58.34	PL18	-77.417474	38.986051
ME1639	8.470900	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	87.64	PL18	-77.423456	38.988220
ME1648	8.548693	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	87.25	PL18	-77.426331	38.989319
ME1650	4.697558	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	52.85	PL18	-77.424862	38.989321
ME1666	7.473975	020700080902	No	Chesapeake Bay	Horsepen Run	MISC	74.08	PL18	-77.417454	38.978327
ME1667	4.229862	020700080902	No	Chesapeake Bay	Horsepen Run	MISC	64.06	PL18	-77.419112	38.978294
ME1670	1.084879	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	59.10	PL18	-77.412843	38.977363
ME1715	4.724986	020700080902	No	Chesapeake Bay	Horsepen Run	COM_HOTEL	97.06	PL18	-77.428810	38.983649
ME177	130.558473	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	53.63	PL21	-77.376309	39.028243
ME1774	129.291893	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	51.96	PL18	-77.429033	38.983527

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
ME1801	7.321694	020700080902	No	Chesapeake Bay	Horsepen Run	MISC	78.35	PL18	-77.425115	38.978744
ME1804	2.125055	020700080902	No	Chesapeake Bay	Horsepen Run	COM_HOTEL	95.57	PL18	-77.426497	38.978726
ME1819	7.346578	020700080902	No	Chesapeake Bay	Horsepen Run	COM_HOTEL	47.78	PL18	-77.427914	38.977264
ME1929	2.785400	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	71.87	PL19	-77.405952	39.003061
ME2184	21.859927	020700080905	Yes	Sugarland Run (Bacterial), Chesapeake Bay	Sugarland Run	GQ	35.93	PL21	-77.389723	39.021612
ME2185	0.669924	020700080905	Yes	Sugarland Run (Bacterial), Chesapeake Bay	Sugarland Run	RES_MFA	56.91	PL21	-77.390406	39.021386
ME2290	5.840117	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	99.97	PL19	-77.403188	39.010204
ME2318	52.277829	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	99.77	PL19	-77.403278	39.015361
ME2322	1.493153	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	68.04	PL19	-77.412029	39.009687
ME2325	2.003716	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	75.11	PL19	-77.413024	39.008572
ME2332	7.756632	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.99	PL19	-77.415630	39.010039
ME2336	1.887681	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	66.43	PL19	-77.415826	39.009702
ME2345	25.233254	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	50.74	PL19	-77.415721	39.010480
ME2370	3.114736	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.403307	39.015433
ME2374	1.050333	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.404716	39.015058
ME2393	1.637488	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.406662	39.014812
ME2394	8.359419	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.406311	39.015106
ME2410	2.010351	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.406699	39.012591
ME2413	1.866045	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.406266	39.012257
ME2420	4.483678	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.409246	39.014299
ME2479	2.145740	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	67.28	PL19	-77.414469	39.008265
ME2482	1.146026	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	75.04	PL19	-77.415068	39.008491
ME2484	0.496392	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	66.78	PL19	-77.415365	39.008428
ME2495	2.368269	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	86.65	PL19	-77.416258	39.009106
ME2500	0.147182	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	98.28	PL19	-77.416675	39.008248
ME2507	0.285103	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	18.61	PL19	-77.416572	39.007716
ME2526	2.430931	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	22.50	PL19	-77.416052	39.009677
ME2621	7.499473	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	26.59	PL19	-77.407221	39.021415
ME2726	33.383669	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	48.12	PL20	-77.398882	39.027979
ME2731	2.083856	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	100.00	PL20	-77.399830	39.028242
ME2741	11.113978	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	100.00	PL20	-77.398083	39.027527
ME2767	0.530377	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	100.00	PL20	-77.397780	39.027672
ME2870	0.448351	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	0.00	PL20	-77.399318	39.028452
ME2940	0.971913	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	0.35	PL20	-77.404117	39.031053
ME3012	0.826865	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_HOTEL	7.20	PL20	-77.399029	39.029402
ME3033	15.580790	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	2.79	PL20	-77.403332	39.031612
ME3038	2.147154	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	7.53	PL20	-77.403295	39.032262
ME3064	5.948538	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	38.12	PL20	-77.401420	39.033611
ME3078	0.951750	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	14.24	PL20	-77.407791	39.033906
ME3235	4.540186	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	67.93	PL19	-77.441925	39.067533
ME3534	1.174803	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	68.02	PL19	-77.484779	39.036590
ME3546	3.532457	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	56.11	PL19	-77.483735	39.037682
ME3554	9.254962	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	58.86	PL19	-77.483368	39.037079
ME3559	2.645860	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	59.09	PL19	-77.483284	39.036470
ME3567	3.382095	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	49.53	PL19	-77.483392	39.035330
ME3575	1.723109	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	55.78	PL19	-77.482004	39.039677
ME3579	1.396075	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	49.87	PL19	-77.481678	39.039776
ME3658	19.329123	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	46.32	PL19	-77.481701	39.032672
ME3687	2.361004	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	51.46	PL19	-77.482843	39.034489
ME3693	1.299080	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	49.70	PL19	-77.482545	39.034044
ME3697	1.193459	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	73.57	PL19	-77.479963	39.032696
ME3699	2.950049	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	61.20	PL19	-77.479147	39.032783
ME37	6.435189	020700080905	Yes	Sugarland Run (Bacterial), Chesapeake Bay	Sugarland Run	RES_SFD	55.74	PL21	-77.366560	39.021327
ME3743	19.393321	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	66.99	PL19	-77.478325	39.032795
ME3760	5.645099	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	37.19	PL19	-77.475415	39.032476
ME3762	1.444006	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	65.08	PL19	-77.477756	39.032689
ME3784	1.251933	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	58.62	PL19	-77.483555	39.033476
ME3787	0.901096	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	69.71	PL19	-77.483376	39.032879
ME3794	1.010692	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	54.69	PL19	-77.483638	39.031972
ME3795	28.533621	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	26.57	PL19	-77.483657	39.031922

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
ME3833	4.399942	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	72.00	PL19	-77.483169	39.031744
ME3837	5.158431	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	57.05	PL19	-77.481202	39.031683
ME3852	8.326586	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	66.76	PL19	-77.478887	39.031132
ME3854	1.383991	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	70.02	PL19	-77.478935	39.028420
ME3859	2.627996	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	96.69	PL19	-77.476680	39.031115
ME3865	3.636944	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	51.97	PL19	-77.477565	39.028824
ME387	0.266895	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	MULTI_USE	57.53	PL21	-77.382987	39.021055
ME3873	2.449493	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	55.12	PL19	-77.476360	39.029270
ME388	6.994200	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	37.73	PL21	-77.382727	39.020922
ME3882	2.595760	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	38.17	PL19	-77.474535	39.030110
ME3908	2.904036	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	60.36	PL19	-77.483375	39.027458
ME3921	9.273066	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	58.60	PL19	-77.479873	39.028039
ME3927	2.005114	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	60.25	PL19	-77.483812	39.026745
ME3937	3.957266	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	54.32	PL19	-77.480387	39.026559
ME3941	11.929138	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	39.47	PL19	-77.480509	39.026186
ME3988	29.013202	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	25.95	PL19	-77.477260	39.026806
ME3989	0.801985	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	52.89	PL19	-77.477202	39.026838
ME4006	3.156590	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	56.71	PL19	-77.477448	39.027179
ME4007	1.205086	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	61.24	PL19	-77.477998	39.027872
ME4010	0.680229	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	53.52	PL19	-77.478816	39.027816
ME4013	0.717928	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	53.18	PL19	-77.477012	39.028332
ME4020	5.876218	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	52.97	PL19	-77.476338	39.028614
ME4047	4.590115	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	39.34	PL19	-77.474178	39.028953
ME4063	8.573504	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	90.89	PL19	-77.484434	39.027106
ME4066	1.485641	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	23.28	PL19	-77.485873	39.026889
ME4068	11.968678	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	46.57	PL19	-77.485975	39.027022
ME4095	5.177307	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	32.40	PL19	-77.474388	39.031741
ME4106	2.417412	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	58.73	PL19	-77.472476	39.029150
ME4111	5.848585	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	60.34	PL19	-77.471382	39.029337
ME4141	16.688826	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	66.30	PL19	-77.470452	39.025268
ME4199	29.470824	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	76.11	PL19	-77.471254	39.023784
ME4268	4.307518	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	53.85	PL19	-77.473144	39.029172
ME4295	0.170754	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	77.66	PL19	-77.469066	39.032753
ME4296	0.577803	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	61.06	PL19	-77.469252	39.032883
ME4299	0.185494	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	78.70	PL19	-77.469421	39.032213
ME4301	0.566215	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	64.96	PL19	-77.469990	39.032406
ME4305	2.786026	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	63.72	PL19	-77.470749	39.032474
ME4312	1.204535	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	65.60	PL19	-77.471521	39.032281
ME4313	0.703019	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	70.07	PL19	-77.471678	39.032004
ME4330	0.811558	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	86.78	PL19	-77.473299	39.031312
ME4336	0.901760	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	50.67	PL19	-77.474352	39.033799
ME4338	1.090447	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	62.85	PL19	-77.475041	39.034412
ME4346	2.058312	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	58.52	PL19	-77.473423	39.033724
ME4352	3.810592	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	37.21	PL19	-77.473665	39.034658
ME436	17.023787	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	29.60	PL21	-77.376563	39.021916
ME4364	0.676907	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	51.54	PL19	-77.474769	39.035294
ME4369	1.262320	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	63.36	PL19	-77.475256	39.035511
ME4370	98.711540	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	54.73	PL19	-77.475998	39.035540
ME4422	0.292621	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	70.13	PL19	-77.469600	39.021623
ME4424	1.315106	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	84.30	PL19	-77.469205	39.021384
ME4427	1.939892	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	82.60	PL19	-77.468031	39.021356
ME4430	1.106365	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	80.80	PL19	-77.468220	39.021231
ME4444	3.552425	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	89.54	PL19	-77.468026	39.022354
ME4445	0.089113	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	55.29	PL19	-77.467846	39.022674
ME449	23.085748	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	71.38	PL21	-77.373777	39.023172
ME4541	12.918456	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	84.82	PL19	-77.469642	39.024920
ME4564	3.309285	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	84.99	PL19	-77.467160	39.025014
ME4609	3.634906	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	94.03	PL19	-77.468992	39.019697
ME4699	13.130537	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	81.41	PL19	-77.463613	39.022808
ME4703	8.779461	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	78.14	PL19	-77.463839	39.022901

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
ME4798	94.451734	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	42.61	PL19	-77.450642	39.016130
ME4799	3.440430	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	81.74	PL19	-77.450609	39.016036
ME490	12.867423	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	63.11	PL21	-77.373033	39.024583
ME4962	93.097202	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	49.71	PL19	-77.450333	39.018380
ME4967	1.725041	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	17.43	PL19	-77.450586	39.017876
ME5064	4.721041	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	69.11	PL19	-77.457312	39.012010
ME5074	2.099069	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	85.36	PL19	-77.458675	39.012655
ME5075	0.641019	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	100.00	PL19	-77.458761	39.012677
ME5079	2.383734	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	100.00	PL19	-77.459513	39.012720
ME5080	46.244040	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	49.85	PL19	-77.459559	39.012703
ME5081	0.557441	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	76.70	PL19	-77.459600	39.012655
ME5116	4.231852	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	74.22	PL19	-77.453126	39.013220
ME5120	0.957714	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	83.69	PL19	-77.452743	39.013098
ME5148	11.194400	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	58.19	PL19	-77.452499	39.009839
ME5157	0.159789	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	0.64	PL19	-77.454703	39.014197
ME5158	1.634371	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	26.23	PL19	-77.454691	39.014234
ME5171	9.042140	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	73.97	PL19	-77.454832	39.013805
ME5187	5.715733	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	7.26	PL19	-77.454883	39.010135
ME5217	3.352493	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	21.57	PL19	-77.465694	39.020494
ME5218	0.227072	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	33.34	PL19	-77.464844	39.021529
ME5269	1.362018	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	12.75	PL19	-77.458980	39.011904
ME5272	1.902760	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	13.86	PL19	-77.458663	39.011880
ME5294	1.104822	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	0.22	PL19	-77.472522	39.022085
ME5327	0.623451	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	20.72	PL19	-77.484335	39.026141
ME5328	0.156861	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	0.85	PL19	-77.484360	39.026061
ME5388	1.124976	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_CHURCH	100.00	PL19	-77.485249	39.037571
ME5627	0.344620	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	64.09	PL19	-77.487343	39.026468
ME5630	11.825366	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	50.32	PL19	-77.487206	39.026456
ME5649	0.895694	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	80.57	PL19	-77.484685	39.025849
ME5650	11.348166	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	39.89	PL19	-77.484687	39.025839
ME5672	5.381746	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	64.12	PL19	-77.479456	39.009451
ME5676	7.595926	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	76.94	PL19	-77.479536	39.009233
ME5678	55.350184	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	44.69	PL19	-77.480744	39.009769
ME5730	9.334466	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	60.54	PL19	-77.484237	39.007247
ME5733	13.857534	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	63.70	PL19	-77.479563	39.012441
ME5754	10.147495	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	46.13	PL19	-77.489023	39.012893
ME5801	2.751337	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	5.43	PL19	-77.490158	39.012357
ME581	7.778609	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	69.26	PL21	-77.371499	39.021618
ME5834	12.620625	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	52.86	PL19	-77.488361	39.012847
ME5845	0.581325	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	82.66	PL19	-77.488857	39.012681
ME589	0.661464	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	87.05	PL21	-77.371427	39.022271
ME5953	13.678060	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	82.51	PL19	-77.476986	39.012567
ME5954	2.222605	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	66.46	PL19	-77.476784	39.012617
ME745	13.736193	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_OTHER_PUBLIC	93.82	PL21	-77.374630	39.028817
ME746	4.331430	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_OTHER_PUBLIC	100.00	PL21	-77.373519	39.029179
ME756	6.163003	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	59.32	PL21	-77.394614	38.990799
ME760	2.438137	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	60.42	PL21	-77.395504	38.990033
ME829	22.576886	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	69.88	PL19	-77.403119	38.994560
ME838	28.903003	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	38.97	PL19	-77.403538	38.994655
ME848	8.829861	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	68.46	PL19	-77.404649	38.993437
ME863	0.761699	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	63.06	PL19	-77.402640	38.991636
ME889	4.164263	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.402037	38.991172
ME90	15.257410	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	56.94	PL21	-77.343188	39.052596
ME922	42.940387	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	50.32	PL21	-77.397139	38.988413
ME930	16.638959	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	65.12	PL21	-77.398589	38.986939
PO0004	5.756963	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	38.29	PL19	-77.482274	39.064667
PO0005	0.715578	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_CHURCH	76.65	PL19	-77.426956	39.045824
RA0001	1.519502	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OFFICE_MEDICAL	89.31	PL17	-77.539580	38.938714
RA0004	2.305604	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OFFICE_MEDICAL	68.71	PL17	-77.540186	38.939365
RA0013	4.026277	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	72.19	PL17	-77.563792	38.935577

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
RA0049	0.520253	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	99.97	PL17	-77.557873	38.935456
RA0051	0.634701	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	100.00	PL17	-77.556607	38.935848
RA0087	1.841554	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	MISC	100.00	PL17	-77.556007	38.935630
RA0090	2.034100	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	87.93	PL17	-77.567823	38.932697
RA0096	2.863042	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL17	-77.569452	38.932439
RA0158	3.406969	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	96.87	PL17	-77.566646	38.929445
RA0167	6.091772	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	98.40	PL17	-77.566605	38.928349
RA0187	6.493531	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	26.88	PL17	-77.564238	38.929554
RA0189	0.181580	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	PUBLIC	1.30	PL17	-77.563941	38.930084
RA0191	21.810447	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	26.93	PL17	-77.579181	38.925582
RA0208	9.071741	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	49.96	PL17	-77.578742	38.928841
RA0226	4.032311	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	71.11	PL17	-77.578787	38.930200
RA0243	0.601787	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	69.00	PL17	-77.581399	38.929981
RA0258	5.094143	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	76.36	PL17	-77.579129	38.927957
RA0287	3.732838	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	43.83	PL17	-77.579708	38.926276
RA0301	2.461294	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	58.25	PL17	-77.581590	38.927494
RA0312	2.225654	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	79.63	PL17	-77.582923	38.928048
RA0317	1.110622	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	20.85	PL17	-77.583478	38.928314
RA0328	5.257117	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	60.45	PL17	-77.584783	38.927786
RA0332	9.534326	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	58.79	PL17	-77.582576	38.931255
RA0375	5.215449	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	62.44	PL17	-77.584752	38.931895
RA0390	2.380559	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	70.29	PL17	-77.586744	38.932995
RA0423	3.349601	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	COM_OTHER_NON_PUBLIC	66.76	PL42	-77.585593	38.925453
RA0440	8.920719	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	59.61	PL42	-77.586199	38.925778
RA0443	0.141220	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	COM_OTHER_NON_PUBLIC	7.23	PL42	-77.586269	38.925759
RA0445	4.047092	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	62.72	PL42	-77.586484	38.925704
RA0450	9.314380	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	COM_OTHER_NON_PUBLIC	91.34	PL42	-77.584060	38.924588
RA0488	12.600648	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	56.30	PL17	-77.582674	38.933908
RA0509	9.903707	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	54.11	PL17	-77.586213	38.934232
RA0534	17.618953	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	63.13	PL17	-77.582364	38.938115
RA0563	2.908820	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	77.75	PL17	-77.587198	38.937658
RA0573	1.127628	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	74.81	PL17	-77.579316	38.933067
RA0604	0.475927	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	1.60	PL17	-77.582186	38.938119
RA0607	26.417907	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	65.48	PL17	-77.582241	38.938160
RA0613	2.664395	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	71.75	PL17	-77.566540	38.940935
RA0631	3.153498	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	63.96	PL17	-77.566645	38.940940
RA0645	0.446190	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	89.64	PL17	-77.564452	38.939625
RA0649	0.772940	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	57.83	PL17	-77.563739	38.939166
RA0653	0.920802	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	56.43	PL17	-77.563694	38.940879
RA0663	0.602151	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	33.30	PL17	-77.560829	38.940865
RA0671	6.338800	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	72.84	PL17	-77.560295	38.939917
RA0694	2.774037	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	70.60	PL17	-77.563080	38.946119
RA0813	5.799427	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	82.90	PL17	-77.563224	38.941542
RA0822	16.217410	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	34.71	PL17	-77.562834	38.941624
RA0833	23.210779	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	59.08	PL17	-77.569603	38.943319
RA0845	9.224997	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	39.45	PL17	-77.569522	38.943611
RA0869	0.665952	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	31.27	PL17	-77.566395	38.946867
RA0899	2.200217	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	22.28	PL17	-77.573144	38.946949
RA0905	18.063088	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	55.70	PL17	-77.570371	38.943432
RA0950	3.032426	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	75.51	PL17	-77.572023	38.947969
RA0992	2.470179	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	74.99	PL17	-77.536910	38.962820
RA0996	0.791220	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	97.83	PL17	-77.537157	38.961754
RA10031	3.464801	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	74.33	PL17	-77.592345	38.970158
RA10046	15.446919	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	49.09	PL17	-77.592544	38.970230
RA10074	2.717036	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	66.15	PL17	-77.594456	38.969299
RA10076	3.082311	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	MULTI_USE	92.77	PL17	-77.592425	38.971015
RA10082	12.691402	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	44.02	PL17	-77.591397	38.971670
RA10088	4.065889	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	66.78	PL17	-77.590628	38.970002
RA10144	7.459040	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	83.87	PL17	-77.580980	38.970950
RA10170	1.965617	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	75.43	PL17	-77.581343	38.971612

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
RA10182	3.240482	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	79.73	PL17	-77.581457	38.974007
RA10197	4.326817	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	85.26	PL17	-77.584276	38.972251
RA10226	3.090606	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	79.79	PL17	-77.584255	38.972346
RA10236	3.351903	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	73.74	PL17	-77.583508	38.974118
RA10256	7.599389	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	COM_OTHER_PUBLIC	94.11	PL14	-77.530074	39.015239
RA10277	4.321328	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	COM_OTHER_PUBLIC	92.51	PL14	-77.530287	39.015267
RA10293	0.937904	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	COM_OTHER_PUBLIC	75.59	PL14	-77.531389	39.015288
RA10304	3.612942	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	59.46	PL42	-77.533468	38.870281
RA10310	3.214280	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	70.25	PL42	-77.532935	38.872269
RA10324	8.722139	020700100703	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Middle Bull Run	RES_SFD	61.26	PL44	-77.528648	38.868692
RA10334	0.326411	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	47.50	PL17	-77.589012	38.964199
RA10337	8.086599	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	63.80	PL17	-77.589178	38.963599
RA10356	5.817739	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	61.06	PL17	-77.589097	38.962764
RA10372	3.124785	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	43.44	PL17	-77.586637	38.959425
RA10383	1.526402	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	41.46	PL17	-77.589229	38.960108
RA10389	11.019502	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	54.14	PL17	-77.589118	38.960287
RA10433	2.767264	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	49.31	PL17	-77.594271	38.958764
RA10436	1.725558	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	48.02	PL17	-77.592446	38.959319
RA10449	7.164231	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	61.70	PL17	-77.592843	38.959525
RA10477	1.361604	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	65.57	PL17	-77.585194	38.958799
RA10484	0.338864	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	0.03	PL17	-77.585051	38.958366
RA10492	2.139562	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	60.74	PL17	-77.585609	38.957726
RA10538	9.955436	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	59.31	PL17	-77.506393	38.970496
RA10539	1.387249	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	56.44	PL17	-77.506376	38.970474
RA10557	0.855851	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	11.75	PL17	-77.516029	38.967363
RA10584	1.275567	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	67.83	PL17	-77.516054	38.968623
RA10601	5.133906	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	46.64	PL17	-77.515604	38.970412
RA10672	14.810641	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_MFST	56.59	PL17	-77.512294	38.973084
RA10675	4.442147	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	53.10	PL17	-77.522792	38.965749
RA10700	2.764005	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	54.70	PL17	-77.510610	38.972035
RA10738	1.825064	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	56.07	PL17	-77.517729	38.965769
RA10786	8.421514	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	44.87	PL17	-77.520319	38.965998
RA10811	14.940921	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	45.03	PL17	-77.585120	38.977805
RA10814	0.418542	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	7.91	PL17	-77.585738	38.976774
RA10816	7.762897	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	85.77	PL17	-77.585778	38.976865
RA10850	0.281687	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run		0.00	PL17	-77.567687	38.950558
RA10853	6.975921	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	56.33	PL17	-77.567846	38.951494
RA1086	6.155462	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	92.75	PL19	-77.466066	39.019788
RA10888	0.427394	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	0.49	PL17	-77.571858	38.952746
RA10896	7.355705	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	57.72	PL17	-77.568552	38.953104
RA10899	9.993507	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	65.90	PL17	-77.568359	38.953669
RA1101	22.262489	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	85.09	PL19	-77.465996	39.019741
RA11114	18.248232	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	43.86	PL17	-77.589534	38.944467
RA11135	10.950867	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	61.32	PL17	-77.589879	38.946301
RA11143	9.794803	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	70.04	PL17	-77.591970	38.940344
RA11159	6.934189	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	58.30	PL17	-77.589369	38.940589
RA11168	11.310619	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	45.09	PL17	-77.588080	38.938987
RA11172	1.339458	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	75.30	PL17	-77.587730	38.937851
RA11180	6.290182	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	73.18	PL17	-77.589805	38.940302
RA11197	1.819654	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	63.51	PL17	-77.587363	38.936960
RA11205	0.276302	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	20.47	PL17	-77.588361	38.936929
RA11209	6.117277	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	75.79	PL17	-77.588131	38.936735
RA11211	1.347155	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	49.89	PL17	-77.588892	38.935125
RA11218	3.442291	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	61.76	PL17	-77.588036	38.936333
RA11219	3.442291	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	61.76	PL17	-77.588086	38.936284
RA11236	8.620526	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	81.52	PL17	-77.587856	38.932827
RA11237	2.484622	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	59.83	PL17	-77.587598	38.932905
RA11241	1.077243	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	50.62	PL17	-77.586381	38.930368
RA11243	5.622511	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	39.72	PL17	-77.586513	38.929890
RA11250	0.550273	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	81.90	PL17	-77.586876	38.928643

Loudoun County Virginia
Regulated MS4 Outfall Table

FCITD	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
RA11267	13.151608	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	42.64	PL17	-77.588223	38.930072
RA11291	1.597386	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	56.00	PL17	-77.589567	38.932167
RA11302	1.583013	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	57.45	PL17	-77.590289	38.929007
RA11304	2.429285	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	78.76	PL17	-77.590438	38.930059
RA11329	7.238951	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	58.55	PL17	-77.592844	38.929137
RA11332	6.443192	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	50.95	PL17	-77.593487	38.929417
RA1134	9.861905	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	77.17	PL17	-77.582714	38.933470
RA11357	12.397515	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	46.30	PL17	-77.594768	38.934932
RA1137	6.899921	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	29.31	PL17	-77.582151	38.933167
RA11385	5.340567	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	64.40	PL17	-77.601197	38.930898
RA11402	11.463841	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	62.97	PL17	-77.600848	38.930206
RA11455	1.678451	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	91.94	PL42	-77.581758	38.909611
RA11457	1.913408	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	74.13	PL42	-77.582781	38.909028
RA1146	0.290690	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	52.97	PL17	-77.582551	38.932756
RA11472	5.401480	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	57.42	PL42	-77.582828	38.908218
RA1148	0.860731	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	51.64	PL17	-77.582522	38.932454
RA11487	2.624929	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	43.83	PL42	-77.586962	38.906805
RA11491	7.313560	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	52.40	PL42	-77.583580	38.907357
RA1153	0.192156	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	0.62	PL17	-77.582628	38.931513
RA11535	5.071542	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	38.64	PL42	-77.581729	38.911273
RA11544	4.732018	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	76.43	PL42	-77.577163	38.911134
RA1155	1.601559	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	46.77	PL17	-77.581790	38.931147
RA11558	1.096533	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	68.44	PL42	-77.584164	38.912746
RA11564	5.943179	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	74.55	PL42	-77.581272	38.912987
RA11572	7.651798	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	48.96	PL42	-77.580849	38.915368
RA11593	3.334690	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	77.36	PL42	-77.586682	38.904673
RA1160	0.328139	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	0.05	PL42	-77.562597	38.918300
RA11627	5.761483	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	75.19	PL42	-77.573898	38.895558
RA11639	4.294104	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	81.53	PL42	-77.574211	38.892967
RA11650	5.617099	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	MULTI USE	43.33	PL42	-77.571807	38.898555
RA1170	0.149025	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	0.19	PL42	-77.561035	38.917498
RA11709	5.035732	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	50.61	PL42	-77.578146	38.904223
RA11715	7.019468	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	58.22	PL42	-77.577676	38.902335
RA11743	3.590509	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	74.05	PL42	-77.581703	38.896330
RA11775	7.513036	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	65.47	PL42	-77.584079	38.898078
RA11785	17.860228	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	61.16	PL42	-77.580041	38.899951
RA1183	11.519901	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	67.58	PL19	-77.442255	38.996022
RA11844	3.334690	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	77.36	PL42	-77.586681	38.904672
RA11856	6.094384	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	74.61	PL42	-77.588769	38.900253
RA11895	8.264945	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	71.64	PL42	-77.588161	38.903020
RA11953	8.142688	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	66.98	PL42	-77.593882	38.906551
RA11969	4.200203	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	66.49	PL42	-77.591500	38.905187
RA12017	17.362950	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	51.00	PL42	-77.592616	38.921608
RA12072	9.922523	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	66.75	PL42	-77.591516	38.918578
RA12081	2.902952	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	78.71	PL42	-77.592477	38.915617
RA12105	2.877202	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	73.35	PL42	-77.599279	38.916287
RA12120	4.535431	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	71.18	PL42	-77.598650	38.917513
RA12121	4.231923	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	67.87	PL42	-77.598699	38.917613
RA12155	7.307392	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	75.44	PL42	-77.599677	38.921937
RA12175	8.508542	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	57.28	PL42	-77.589264	38.909919
RA12184	6.506350	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	49.98	PL42	-77.588599	38.908365
RA1219	28.328229	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	55.09	PL17	-77.563570	38.935273
RA12269	15.499052	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	VACANT ENTITLED	34.96	PL14	-77.550979	38.986265
RA1229	0.225171	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	0.92	PL17	-77.563979	38.933462
RA12294	7.327967	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	32.56	PL14	-77.550216	38.984621
RA12302	2.076055	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	81.17	PL14	-77.548925	38.988070
RA12312	4.187888	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	66.46	PL14	-77.547649	38.987312
RA12317	3.123125	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	74.18	PL14	-77.549673	38.987223
RA12331	2.974681	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	78.30	PL14	-77.550036	38.985327
RA12367	6.919395	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	64.81	PL14	-77.549343	38.984081

Loudoun County Virginia
Regulated MS4 Outfall Table

FACTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
RA12370	2.098957	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	53.68	PL14	-77.549115	38.983344
RA12393	1.457074	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	72.27	PL14	-77.548175	38.981342
RA12403	1.713782	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	79.88	PL14	-77.548748	38.980677
RA12406	1.019269	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	45.31	PL14	-77.548311	38.980577
RA12413	2.760463	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	69.91	PL14	-77.553673	38.984668
RA12442	2.854153	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	58.40	PL14	-77.554876	38.983089
RA12462	4.200142	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	60.62	PL14	-77.554647	38.981945
RA12501	1.610905	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	VACANT_ENTITLED	67.98	PL14	-77.549691	38.983651
RA12512	0.803381	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	VACANT_ENTITLED	29.92	PL14	-77.550476	38.982501
RA12530	0.988077	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	43.45	PL14	-77.550832	38.981787
RA1256	7.139313	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	54.44	PL17	-77.584887	38.929523
RA12591	4.237456	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	49.38	PL17	-77.536156	38.980093
RA1264	8.566787	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	66.65	PL17	-77.581563	38.929239
RA1265	1.649561	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	77.14	PL17	-77.581270	38.929383
RA12662	24.849418	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	63.55	PL17	-77.536531	38.976594
RA1268	4.553724	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	55.74	PL17	-77.579017	38.926798
RA1269	0.404640	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	79.89	PL17	-77.579048	38.928385
RA1274	13.984561	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	50.01	PL17	-77.578665	38.930040
RA1275	1.701444	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	66.06	PL17	-77.581496	38.931041
RA12755	1.820663	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	66.19	PL14	-77.537435	39.030992
RA12781	8.538064	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	71.45	PL17	-77.575160	38.931170
RA12810	13.222943	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	69.98	PL17	-77.574766	38.929456
RA12829	4.929225	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	81.70	PL17	-77.575033	38.928636
RA12830	3.432643	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	72.15	PL17	-77.575003	38.928575
RA12844	6.297368	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	59.76	PL17	-77.574920	38.925695
RA12925	10.834910	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	50.90	PL14	-77.529575	39.038082
RA12934	1.087885	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFA	73.52	PL14	-77.529478	39.036532
RA12999	0.667671	020700080903	No	Chesapeake Bay	Broad Run-Beaverdam Run	RES_SFA	54.66	PL19	-77.525510	39.034630
RA13001	27.963819	020700080903	No	Chesapeake Bay	Broad Run-Beaverdam Run	HOA	47.61	PL19	-77.526282	39.034958
RA13069	1.411486	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	66.91	PL17	-77.519606	38.967263
RA13070	1.513987	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	79.80	PL17	-77.523255	38.966759
RA13079	0.862299	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	78.79	PL17	-77.521567	38.967740
RA13080	14.062520	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	39.19	PL17	-77.521460	38.967759
RA1324	0.262237	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	100.00	PL19	-77.510264	39.007246
RA13255	10.403188	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	66.68	PL17	-77.521893	38.960285
RA1328	1.116623	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	100.00	PL19	-77.509791	39.007691
RA13287	4.838597	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	42.89	PL17	-77.521796	38.960190
RA13294	3.112607	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	64.84	PL17	-77.522011	38.960225
RA1336	4.997048	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_MFA	39.89	PL17	-77.507125	39.006653
RA13408	0.400652	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	57.20	PL17	-77.523764	38.965805
RA1367	2.830012	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	43.35	PL17	-77.499201	39.004747
RA1379	2.655875	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	63.42	PL17	-77.501568	39.005987
RA1381	2.747410	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_OTHER_PUBLIC	99.36	PL21	-77.387193	39.016357
RA1439	0.785081	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	VACANT_UNENTITLED	47.04	PL45	-77.476224	38.912072
RA1445	0.091676	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	MISC	21.31	PL45	-77.476373	38.911658
RA1481	0.154026	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	0.46	PL17	-77.559970	38.933188
RA1482	0.035153	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	3.49	PL17	-77.559575	38.933223
RA1499	8.743771	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	36.33	PL45	-77.538508	38.930232
RA1540	0.572061	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	74.08	PL17	-77.540706	38.931436
RA1541	0.855086	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	61.64	PL17	-77.497825	39.007699
RA1548	2.108849	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	52.49	PL17	-77.498445	39.006672
RA1568	49.287297	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	42.06	PL17	-77.498089	38.995378
RA1631	0.316373	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	95.58	PL17	-77.497615	38.996877
RA1633	0.828588	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	PUBLIC	100.00	PL17	-77.497323	38.996850
RA1635	1.753758	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	98.89	PL17	-77.496702	38.995450
RA1706	3.623350	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	54.07	PL17	-77.497252	38.998052
RA1717	7.238367	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	55.47	PL17	-77.496998	38.999068
RA1724	1.665181	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	0.52	PL17	-77.497094	39.003034
RA1730	0.479094	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run		0.00	PL17	-77.498690	39.002995
RA1751	5.493395	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	81.27	PL17	-77.574224	38.957008

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
RA1819	4.888375	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	35.59	PL17	-77.575525	38.952930
RA1836	3.246787	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	69.84	PL17	-77.573940	38.955172
RA2102	7.252158	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	62.73	PL17	-77.578728	38.949320
RA2118	9.734461	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	51.91	PL17	-77.576773	38.947530
RA2195	4.173870	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OFFICE_MEDICAL	100.00	PL17	-77.544223	38.940067
RA2212	2.644005	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OFFICE_MEDICAL	99.05	PL17	-77.544211	38.940184
RA2231	3.602402	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OFFICE_MEDICAL	49.31	PL17	-77.545328	38.940342
RA2257	0.981697	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OFFICE_MEDICAL	100.00	PL17	-77.542090	38.942028
RA2260	5.276173	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OFFICE_MEDICAL	98.03	PL17	-77.541633	38.941730
RA2288	1.348285	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OFFICE_MEDICAL	100.00	PL17	-77.541729	38.941751
RA2297	0.200645	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OFFICE_MEDICAL	0.10	PL17	-77.541648	38.942341
RA2300	0.292245	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OFFICE_MEDICAL	15.63	PL17	-77.541412	38.942047
RA2305	0.826011	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OFFICE_MEDICAL	13.88	PL17	-77.540810	38.941176
RA2312	0.768728	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OFFICE_MEDICAL	26.91	PL17	-77.540507	38.940231
RA2321	0.201282	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OFFICE_MEDICAL	0.28	PL17	-77.540496	38.940922
RA2326	2.165152	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	MULTI_USE	2.81	PL17	-77.540951	38.943124
RA2348	5.283959	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	99.71	PL17	-77.529927	38.952426
RA2367	0.970175	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL17	-77.529757	38.953266
RA2369	3.921007	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	97.58	PL17	-77.529733	38.953260
RA2450	23.967762	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	87.84	PL17	-77.528145	38.953666
RA2492	4.459339	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	45.23	PL17	-77.523094	38.953662
RA2583	3.757797	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL17	-77.522468	38.951589
RA2589	4.795577	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	93.48	PL17	-77.522419	38.951649
RA2598	2.333390	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	86.47	PL17	-77.521799	38.953635
RA2606	17.405811	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	78.18	PL45	-77.500856	38.885014
RA2645	1.876598	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	72.65	PL45	-77.501932	38.888155
RA2673	2.690631	020700100703	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Middle Bull Run	RES_SFD	80.48	PL44	-77.526775	38.871288
RA2871	2.790072	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	51.84	PL19	-77.469227	39.049078
RA2898	1.738620	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	59.55	PL19	-77.468413	39.049082
RA2914	1.815243	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFST	100.00	PL19	-77.500055	39.052288
RA3003	3.987561	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	43.92	PL42	-77.577390	38.908209
RA3010	4.235865	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	59.78	PL42	-77.577409	38.908109
RA3020	1.665161	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	43.05	PL42	-77.579217	38.907192
RA3023	10.168328	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	68.26	PL42	-77.578129	38.904590
RA3072	9.821764	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	67.16	PL42	-77.576796	38.902344
RA3089	4.997537	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	67.41	PL42	-77.574757	38.899924
RA3100	10.369418	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	50.88	PL17	-77.599221	38.931578
RA3125	7.144222	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	51.00	PL17	-77.596760	38.931005
RA3167	15.735455	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	43.43	PL42	-77.596383	38.926126
RA3214	5.209946	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	71.64	PL17	-77.596190	38.929229
RA3245	3.128864	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	72.54	PL17	-77.595247	38.927398
RA3249	3.637825	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	59.78	PL17	-77.578154	38.938959
RA3266	16.461766	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	42.63	PL42	-77.549881	38.902539
RA3292	14.294437	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	66.74	PL17	-77.577365	38.937125
RA3344	3.699350	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	61.44	PL17	-77.575176	38.949390
RA3356	14.421632	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	55.60	PL17	-77.576595	38.947004
RA3386	9.420826	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	54.64	PL17	-77.574494	38.943415
RA3402	2.352083	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	75.94	PL17	-77.557652	38.955251
RA3404	0.913715	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	74.44	PL17	-77.558047	38.954790
RA3409	2.967023	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	69.40	PL17	-77.557538	38.957774
RA3422	9.733397	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	58.37	PL17	-77.556277	38.959240
RA3444	4.053727	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	77.32	PL17	-77.555953	38.957033
RA3454	15.572803	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	58.62	PL17	-77.551319	38.957043
RA3479	8.408420	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	64.56	PL17	-77.566672	38.974753
RA3524	2.950577	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	82.72	PL17	-77.565020	38.980886
RA3563	0.694075	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	0.40	PL17	-77.573991	38.978570
RA3569	1.726931	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	MISC	20.15	PL17	-77.565411	38.977779
RA3573	2.586160	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	69.42	PL17	-77.581812	38.977774
RA3585	3.511157	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	83.35	PL17	-77.581886	38.978519
RA3668	4.851088	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	52.19	PL17	-77.594519	38.958100

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
RA3676	2.181737	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	50.73	PL17	-77.595043	38.957006
RA3683	3.647298	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	60.67	PL17	-77.593289	38.954817
RA3689	4.418630	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	60.32	PL17	-77.593717	38.954618
RA3707	12.167713	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	56.20	PL17	-77.576646	38.943696
RA3729	0.713580	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	64.41	PL17	-77.578428	38.943737
RA3732	0.329250	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	94.07	PL17	-77.559335	38.957724
RA3734	8.492714	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	84.36	PL17	-77.559384	38.957531
RA3750	5.028789	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	55.20	PL17	-77.554821	38.960308
RA3759	1.886354	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	62.42	PL17	-77.554352	38.959846
RA3769	2.134290	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	74.88	PL17	-77.551646	38.959436
RA3779	4.563219	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	59.15	PL17	-77.551570	38.953634
RA3793	6.389545	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	80.11	PL17	-77.571463	38.975795
RA3837	7.855868	020700080901	Yes	Goose Creek (Benthic), Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	80.59	PL17	-77.569894	38.979802
RA3880	7.030276	020700080901	Yes	Goose Creek (Benthic), Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	79.92	PL17	-77.569522	38.979784
RA3903	3.328997	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	81.61	PL17	-77.582087	38.979986
RA3928	4.442886	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	VACANT_ENTITLED	47.05	PL14	-77.543212	38.985117
RA3940	4.100263	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	VACANT_ENTITLED	55.01	PL14	-77.543228	38.984567
RA3949	11.509806	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	69.53	PL14	-77.542886	38.984434
RA4001	4.325250	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	55.96	PL17	-77.525348	38.965868
RA4007	15.755261	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	73.60	PL17	-77.526205	38.965793
RA4046	3.085836	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	44.45	PL17	-77.532727	38.967691
RA4052	14.156343	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	38.87	PL17	-77.531436	38.966746
RA4068	34.096349	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	44.10	PL17	-77.526250	38.960587
RA4127	7.011680	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	52.45	PL17	-77.529202	38.962777
RA4501	6.157574	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	72.75	PL14	-77.542591	38.984877
RA4520	13.339734	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	49.45	PL14	-77.542614	38.984959
RA4800	5.479064	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	45.40	PL17	-77.593721	38.954487
RA4812	1.614662	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	67.52	PL17	-77.592980	38.954679
RA4823	4.204800	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	61.01	PL17	-77.590674	38.954141
RA4852	13.666260	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	80.87	PL17	-77.595457	38.944101
RA4863	19.748455	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	60.66	PL17	-77.599869	38.939265
RA4878	6.725304	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	84.99	PL17	-77.558089	38.954752
RA4879	3.896826	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	56.77	PL17	-77.591009	38.957037
RA4884	0.881835	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	65.49	PL17	-77.600838	38.939448
RA5122	0.398695	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	35.63	PL17	-77.554688	38.960159
RA5248	1.057833	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	66.14	PL42	-77.557507	38.907179
RA5254	4.191969	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	37.77	PL42	-77.558116	38.906547
RA5263	0.318427	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	1.33	PL42	-77.557362	38.905940
RA5273	8.009450	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	74.99	PL42	-77.556256	38.905293
RA5295	0.404637	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	26.96	PL42	-77.553752	38.905872
RA5299	0.638547	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	40.75	PL42	-77.553981	38.905781
RA5306	0.642195	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	53.82	PL42	-77.553615	38.896609
RA5310	1.789038	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	63.97	PL42	-77.552911	38.897170
RA5320	6.128284	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	71.13	PL42	-77.553068	38.897769
RA5347	3.700660	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	68.25	PL42	-77.556726	38.898057
RA5356	1.226965	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	62.55	PL42	-77.558916	38.898175
RA5364	5.188282	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	78.64	PL42	-77.557420	38.898730
RA5379	9.060812	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	70.70	PL42	-77.557312	38.899981
RA5421	4.070775	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	COM_OTHER_NON_PUBLIC	32.45	PL42	-77.554142	38.899821
RA5431	5.142204	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	77.83	PL42	-77.556090	38.902415
RA5443	15.570525	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	27.49	PL42	-77.555313	38.903006
RA5499	0.944630	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	34.74	PL42	-77.555833	38.905109
RA5503	9.744873	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	70.06	PL17	-77.562306	38.926642
RA5507	14.857186	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	51.12	PL17	-77.561523	38.926436
RA5598	7.733889	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	42.16	PL42	-77.566162	38.924353
RA5647	1.263286	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	VACANT_UNENTITLED	0.03	PL45	-77.528586	38.929783
RA5653	0.821535	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	VACANT_ENTITLED	22.27	PL45	-77.528100	38.929447
RA5659	0.586453	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	0.27	PL45	-77.526966	38.928847
RA5664	0.317087	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	VACANT_UNENTITLED	0.05	PL45	-77.526557	38.928829
RA5669	0.409682	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	VACANT_UNENTITLED	0.10	PL45	-77.526403	38.928656

Loudoun County Virginia
Regulated MS4 Outfall Table

FCITID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
RA5676	2.010727	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	VACANT_ENTITLED	0.74	PL45	-77.526103	38.928309
RA5681	0.150973	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	PUBLIC	0.45	PL45	-77.525572	38.926218
RA5686	0.971747	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	PUBLIC	0.10	PL45	-77.525471	38.925784
RA5690	0.186276	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	0.58	PL45	-77.525310	38.924776
RA5699	3.414016	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	PUBLIC	54.66	PL45	-77.492133	38.912607
RA5704	9.398765	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	PUBLIC	82.54	PL45	-77.489769	38.911586
RA5764	18.445184	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL17	-77.504912	38.997773
RA5784	2.143855	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	39.83	PL17	-77.504533	38.998991
RA5792	6.080821	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	85.05	PL17	-77.504681	38.999065
RA5806	3.475846	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	99.52	PL17	-77.504960	38.996555
RA5882	6.879248	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	47.69	PL19	-77.447058	38.997146
RA5906	6.961556	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_OTHER_PUBLIC	100.00	PL21	-77.389904	39.052947
RA5970	1.333263	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	98.85	PL45	-77.516900	38.918904
RA5976	1.946161	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_NON_PUBLIC	90.51	PL45	-77.517395	38.918883
RA5985	3.050670	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	57.24	PL42	-77.547434	38.882979
RA5993	40.990841	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	56.45	PL42	-77.545487	38.882519
RA6004	1.060272	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	95.00	PL17	-77.560867	38.931797
RA6007	3.965000	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	66.78	PL17	-77.560906	38.931660
RA6023	2.222016	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	64.95	PL17	-77.560822	38.932494
RA6033	5.423243	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	59.89	PL17	-77.558429	38.934364
RA6061	12.876247	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	61.74	PL17	-77.559422	38.933220
RA6106	1.162868	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	81.18	PL17	-77.557891	38.930236
RA6110	1.526424	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	62.08	PL45	-77.532306	38.930047
RA6116	28.676654	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	69.67	PL45	-77.533993	38.929947
RA6185	11.961756	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	56.91	PL45	-77.536517	38.927038
RA6198	0.118250	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	98.04	PL20	-77.470836	39.076292
RA6201	1.140842	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFA	80.40	PL20	-77.467838	39.075557
RA6207	15.525025	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFA	50.78	PL20	-77.468790	39.076043
RA6242	48.866530	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	23.67	PL19	-77.485275	39.065387
RA6388	4.228520	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFA	99.98	PL21	-77.349253	39.053957
RA6430	7.564362	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	57.41	PL19	-77.474380	39.058839
RA6456	3.675464	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	98.05	PL19	-77.474565	39.058904
RA6475	14.838230	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	79.85	PL19	-77.447671	39.051757
RA6497	0.393342	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	0.65	PL19	-77.448037	39.051485
RA6499	0.514627	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	1.02	PL19	-77.448408	39.051395
RA6565	4.837122	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	71.05	PL17	-77.585639	38.953894
RA6621	2.519502	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	43.64	PL42	-77.538777	38.882158
RA6631	9.122914	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	53.69	PL42	-77.537234	38.882131
RA6633	9.122737	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	53.69	PL42	-77.537657	38.882226
RA6660	9.788150	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	MISC	64.15	PL16	-77.509489	39.067158
RA6687	5.677020	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	54.73	PL17	-77.570883	38.928359
RA6693	8.220955	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	63.85	PL17	-77.570825	38.927396
RA6710	3.228165	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	40.20	PL17	-77.570265	38.926886
RA6715	22.848981	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	57.94	PL42	-77.569286	38.923718
RA6809	11.705145	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	60.04	PL17	-77.570818	38.928568
RA6833	1.523201	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	65.85	PL17	-77.574212	38.929545
RA6841	2.428766	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	72.22	PL17	-77.574185	38.931054
RA6849	4.377663	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	61.81	PL17	-77.571891	38.932070
RA6861	0.334529	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	COM_OTHER_PUBLIC	95.37	PL42	-77.572648	38.913225
RA6865	1.241737	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	COM_OTHER_PUBLIC	92.38	PL42	-77.572500	38.913641
RA6879	1.345836	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	COM_OTHER_PUBLIC	90.92	PL42	-77.572317	38.914403
RA6899	4.600787	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	PUBLIC	86.57	PL42	-77.572704	38.913146
RA6921	4.274891	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	43.89	PL17	-77.598822	38.963090
RA6922	19.236458	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	62.90	PL17	-77.592182	38.964649
RA6946	0.986727	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	95.62	PL17	-77.591467	38.964935
RA6975	1.979992	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	78.53	PL17	-77.591377	38.967635
RA6983	42.050994	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	MULTI_USE	40.43	PL17	-77.595460	38.965458
RA7508	2.977596	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_DATA_CENTER	98.92	PL45	-77.493196	38.915307
RA7530	9.310486	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_DATA_CENTER	100.00	PL45	-77.493140	38.915438
RA7556	2.877545	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_DATA_CENTER	100.00	PL45	-77.493660	38.915632

Loudoun County Virginia
Regulated MS4 Outfall Table

FCITID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
RA7638	0.117934	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	6.27	PL45	-77.528300	38.927312
RA7641	1.073415	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	44.97	PL45	-77.527690	38.927194
RA7648	8.454357	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	48.19	PL45	-77.526684	38.925169
RA7785	2.757501	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	99.98	PL45	-77.527523	38.920565
RA7801	2.728607	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	100.00	PL45	-77.525615	38.922403
RA7802	0.480572	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	99.97	PL45	-77.526181	38.920332
RA7806	1.059579	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	100.00	PL45	-77.525112	38.920360
RA7807	1.059582	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	100.00	PL45	-77.525124	38.920356
RA7809	1.725279	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	99.91	PL45	-77.526894	38.920449
RA7831	6.202587	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	63.97	PL17	-77.602819	38.934062
RA7832	1.175071	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	70.42	PL17	-77.602026	38.933658
RA7838	6.433457	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	83.46	PL17	-77.604395	38.934097
RA7877	7.503280	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	61.86	PL17	-77.577966	38.979531
RA7878	7.060419	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	77.85	PL17	-77.578719	38.979043
RA7923	3.315381	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	75.52	PL17	-77.577169	38.979310
RA7932	8.711181	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	76.05	PL17	-77.562967	38.953586
RA7968	10.360915	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	78.46	PL17	-77.577311	38.970940
RA7986	11.078052	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	60.88	PL17	-77.580190	38.977052
RA7992	7.279945	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	81.99	PL17	-77.561094	38.958348
RA8000	7.030629	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	57.02	PL42	-77.547818	38.898184
RA8014	3.687191	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	57.84	PL42	-77.548274	38.898396
RA8035	6.422291	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	64.63	PL42	-77.550485	38.904008
RA8045	0.926015	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	67.93	PL42	-77.551597	38.902882
RA8051	1.921698	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	66.60	PL42	-77.551645	38.901887
RA8059	7.834247	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	49.87	PL42	-77.551627	38.897961
RA8087	5.808178	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	56.37	PL42	-77.551503	38.899200
RA8106	4.473819	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	52.99	PL42	-77.550999	38.900180
RA8115	4.653949	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	42.83	PL42	-77.551421	38.900843
RA8149	6.910633	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	53.38	PL17	-77.585836	38.954245
RA8157	3.089826	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	24.16	PL42	-77.548223	38.896853
RA8171	3.786642	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	68.85	PL42	-77.550427	38.897298
RA8182	3.810413	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	71.93	PL17	-77.555787	38.955926
RA8272	1.415251	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	69.94	PL17	-77.587738	38.940753
RA8285	4.948110	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	75.05	PL17	-77.588570	38.944661
RA8297	7.787197	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	59.28	PL17	-77.585776	38.943871
RA8312	6.297195	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	66.70	PL17	-77.580820	38.939393
RA8349	7.723548	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	70.09	PL17	-77.585334	38.946227
RA8350	6.368684	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	67.69	PL17	-77.585484	38.946722
RA8362	1.293044	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	86.86	PL17	-77.584702	38.945309
RA8364	1.012154	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	35.16	PL17	-77.584735	38.945267
RA8367	0.994652	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	60.63	PL17	-77.584155	38.945636
RA8377	16.822057	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	62.76	PL17	-77.578789	38.933269
RA8387	3.348812	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	76.95	PL17	-77.577233	38.934177
RA8427	7.631289	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_MFST	47.52	PL17	-77.507990	38.966727
RA8464	6.666811	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_MFST	56.65	PL17	-77.509140	38.968127
RA8488	11.786656	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	59.90	PL17	-77.505989	38.967391
RA8578	0.755267	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	55.01	PL17	-77.507063	38.995086
RA8632	11.625218	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	47.81	PL17	-77.596802	38.956432
RA8646	7.512530	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	66.70	PL17	-77.596328	38.957119
RA8654	0.930298	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	49.28	PL45	-77.497279	38.887530
RA8663	0.879999	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	79.94	PL45	-77.496320	38.887997
RA8704	1.013258	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	51.60	PL17	-77.573227	38.932881
RA8706	2.376459	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	63.84	PL17	-77.573221	38.933138
RA8714	2.299388	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	56.14	PL17	-77.572738	38.935889
RA8723	10.621795	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	58.24	PL17	-77.572981	38.936919
RA8774	12.118656	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	67.63	PL17	-77.574450	38.935203
RA8802	7.153846	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	53.92	PL17	-77.581556	38.945796
RA8828	7.075378	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	71.49	PL17	-77.579513	38.943041
RA8988	77.154353	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	45.38	PL17	-77.571624	38.942709
RA9038	5.404994	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_RETAIL	92.67	PL45	-77.467320	38.917149

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FCID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
RA9043	4.739922	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_RETAIL	100.00	PL45	-77.466618	38.918029
RA9100	2.142220	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	64.00	PL17	-77.506302	38.993526
RA9589	19.696018	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	52.56	PL42	-77.546251	38.877137
RA9647	5.102771	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	71.06	PL42	-77.548330	38.875467
RA9658	7.980107	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	60.73	PL42	-77.547007	38.875606
RA9662	2.838561	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	68.23	PL42	-77.548427	38.874758
RA9670	5.973860	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	54.61	PL42	-77.547700	38.873549
RA9679	8.720297	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	55.27	PL42	-77.546718	38.873913
RA9689	2.707099	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	77.44	PL42	-77.544825	38.885128
RA9696	2.197191	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	77.90	PL42	-77.546027	38.886417
RA9701	4.709002	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	73.47	PL42	-77.547509	38.885304
RA9713	2.848008	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	70.74	PL42	-77.550548	38.885498
RA9810	0.354840	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	0.03	PL19	-77.485497	39.065263
RA9845	4.633217	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	55.42	PL19	-77.497896	39.022207
RC10	4.003237	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	53.60	PL16	-77.503091	39.107319
RC12	1.667153	020700080403	No	Chesapeake Bay	Limestone Branch - Potomac River	HOA	83.00	PL05	-77.496800	39.109158
RC16	4.591559	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	65.46	PL16	-77.489300	39.102676
RC17	5.277515	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	53.92	PL16	-77.500975	39.101655
RC18	1.898803	020700080403	No	Chesapeake Bay	Limestone Branch - Potomac River	RES_SFD	51.28	PL05	-77.498809	39.110664
RC180	4.156337	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFA	59.75	PL16	-77.483158	39.102132
RC20	3.459654	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFA	68.50	PL16	-77.500384	39.106355
RC21	12.770049	020700080403	No	Chesapeake Bay	Limestone Branch - Potomac River	RES_SFA	53.16	PL05	-77.488289	39.108915
RC24	4.619194	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	70.80	PL16	-77.500910	39.104815
RC26	6.002657	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	62.51	PL16	-77.492269	39.103851
RC28	2.617198	020700080403	No	Chesapeake Bay	Limestone Branch - Potomac River	RES_SFD	52.05	PL05	-77.497165	39.109109
RC29	2.306374	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	71.80	PL16	-77.500255	39.106971
RC40	3.284272	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFA	53.89	PL16	-77.486132	39.102847
RC41	3.440300	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	50.40	PL16	-77.486464	39.103767
RC42	3.075217	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	54.79	PL16	-77.491348	39.103363
RC43	2.277387	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	63.26	PL16	-77.486783	39.104085
RC44	4.787621	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	52.22	PL16	-77.504573	39.106114
RC45	2.014594	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	81.44	PL16	-77.504262	39.106494
RC46	12.120467	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	58.23	PL16	-77.487291	39.105336
RC498	4.604909	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	74.48	PL16	-77.492882	39.103042
RC500	10.710076	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	64.41	PL16	-77.493567	39.104184
RC502	31.005075	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	COM_GOLF_COURSE	41.24	PL16	-77.494040	39.104368
RC51	10.502478	020700080403	No	Chesapeake Bay	Limestone Branch - Potomac River	RES_SFD	78.25	PL05	-77.498685	39.112232
RC510	2.114676	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	47.83	PL16	-77.502881	39.104788
RC513	1.768421	020700080403	No	Chesapeake Bay	Limestone Branch - Potomac River	RES_SFA	39.33	PL05	-77.484979	39.105669
RC514	2.060125	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	50.03	PL16	-77.484183	39.102170
RC52	1.723893	020700080403	No	Chesapeake Bay	Limestone Branch - Potomac River	HOA	47.90	PL05	-77.499419	39.109630
RC54	1.799855	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	90.98	PL16	-77.488356	39.103243
RC55	1.763054	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	68.71	PL16	-77.486491	39.102587
RC56	4.050289	020700080403	No	Chesapeake Bay	Limestone Branch - Potomac River	RES_SFA	66.26	PL05	-77.489822	39.108851
RC58	6.454310	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	76.91	PL16	-77.504717	39.105736
RC59	8.049244	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	92.29	PL16	-77.493252	39.101501
RC63	2.904931	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	COM_GOLF_COURSE	69.89	PL16	-77.499801	39.102404
RC64	4.428268	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	51.65	PL16	-77.503696	39.103155
RC65	14.362831	020700080403	No	Chesapeake Bay	Limestone Branch - Potomac River	RES_SFD	42.00	PL05	-77.490328	39.108066
RC66	1.106664	020700080403	No	Chesapeake Bay	Limestone Branch - Potomac River	RES_SFA	51.66	PL05	-77.488871	39.109806
RJ0052	6.567453	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	95.80	PL19	-77.475632	39.017497
RJ0055	9.914482	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	MISC	70.06	PL17	-77.557374	38.937976
RJ0083	5.710596	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	59.13	PL42	-77.563488	38.910051
RJ0086	3.164378	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	25.84	PL45	-77.505237	38.914500
RJ0090	1.331269	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	47.52	PL45	-77.505459	38.914522
RJ0092	0.230061	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	46.17	PL45	-77.505624	38.914562
RJ0099	11.991313	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	73.26	PL18	-77.422171	38.987408
RJ0100	0.559784	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.421328	38.987174
RJ0112	3.181912	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	99.22	PL17	-77.565005	38.930592
RJ0119	0.750649	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	73.07	PL42	-77.549832	38.918239

Loudoun County Virginia
Regulated MS4 Outfall Table

FCID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
RJ0134	1.263993	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	1.60	PL16	-77.503884	39.090525
RJ0215	0.039577	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	18.39	PL19	-77.488791	39.046636
RJ0238	2.333253	020700080602	Yes	Goose Creek (Benthic), Chesapeake Bay	North Fork Goose Creek	COM_OTHER_PUBLIC	100.00	PL12	-77.662792	39.131647
SR11	6.250033	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_RETAIL	99.30	PL21	-77.374653	39.012877
SR122	6.875013	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	77.44	PL21	-77.387112	39.016689
SR125	5.426561	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	81.59	PL21	-77.385548	39.016621
SR126	6.604364	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	77.79	PL21	-77.384437	39.016819
SR127	4.001559	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	59.68	PL21	-77.383435	39.016856
SR128	3.403105	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	78.09	PL21	-77.382383	39.016529
SR13	0.255654	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_RETAIL	100.00	PL21	-77.374352	39.012480
SR133	43.907026	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	47.57	PL21	-77.381251	39.016717
SR15	0.357828	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_RETAIL	98.69	PL21	-77.374043	39.012280
SR155	4.301648	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	17.78	PL21	-77.388086	39.017412
SR162	61.549016	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	63.50	PL21	-77.388099	39.017402
SR163	0.136182	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	PUBLIC	0.46	PL21	-77.388095	39.017408
SR17	1.319933	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_RETAIL	42.51	PL21	-77.373743	39.012152
SR170	10.566061	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	74.90	PL21	-77.388481	39.016309
SR171	86.136653	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	33.88	PL21	-77.388488	39.016330
SR217	6.781376	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	64.93	PL21	-77.386658	39.012093
SR252	12.816576	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	32.58	PL21	-77.384957	39.016361
SR268	81.210009	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	67.41	PL21	-77.392833	39.009474
SR274	5.952092	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	78.43	PL21	-77.392025	39.008677
SR276	1.448820	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	RES_SFD	69.10	PL21	-77.391407	39.008321
SR3	2.677350	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_RETAIL	100.00	PL21	-77.377194	39.014060
SR446	2.807426	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	29.84	PL18	-77.419997	38.988453
SR505	1.434783	020700080902	No	Chesapeake Bay	Horsepen Run	MULTI_USE	64.34	PL18	-77.423692	38.989508
SR506	52.886992	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	43.66	PL18	-77.423821	38.989561
SR523	45.851504	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	69.16	PL18	-77.420530	38.988511
SR524	19.846717	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	72.18	PL18	-77.420579	38.988527
SR525	0.362403	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	29.98	PL18	-77.420843	38.988585
SR526	0.521783	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	98.37	PL18	-77.421210	38.988110
SR538	2.042424	020700080902	No	Chesapeake Bay	Horsepen Run	COM_OFFICE_GENERAL	100.00	PL18	-77.421949	38.987975
SR540	2.267262	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	55.56	PL18	-77.422795	38.989077
SR546	2.302124	020700080902	No	Chesapeake Bay	Horsepen Run	COM_DATA_CENTER	86.74	PL18	-77.412374	38.987673
SR560	1.379242	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	80.66	PL18	-77.413508	38.987288
SR563	0.450984	020700080902	No	Chesapeake Bay	Horsepen Run	COM_DATA_CENTER	41.22	PL18	-77.413097	38.987365
SR568	4.762385	020700080902	No	Chesapeake Bay	Horsepen Run	MISC	53.90	PL18	-77.412951	38.987458
SR570	0.937995	020700080902	No	Chesapeake Bay	Horsepen Run	COM_DATA_CENTER	59.23	PL18	-77.413237	38.986949
SR572	5.224245	020700080902	No	Chesapeake Bay	Horsepen Run	COM_DATA_CENTER	46.82	PL18	-77.413043	38.986576
SR582	102.532728	020700080902	No	Chesapeake Bay	Horsepen Run	RES_SFD	29.45	PL18	-77.410922	38.988110
SR603	8.841058	020700080902	No	Chesapeake Bay	Horsepen Run	COM_DATA_CENTER	70.90	PL18	-77.411070	38.988141
SR607	7.302779	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	97.77	PL18	-77.414612	38.986865
SR608	0.469882	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	97.88	PL18	-77.414351	38.986998
SR609	0.529826	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	90.00	PL18	-77.414096	38.987076
SR641	7.347715	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	99.92	PL18	-77.419626	38.987249
SR660	25.900288	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	41.04	PL18	-77.430272	38.986835
SR739	5.637117	020700080902	No	Chesapeake Bay	Horsepen Run	COM_HOTEL	68.10	PL18	-77.428102	38.983603
SR740	5.518765	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.427183	38.983777
WB1013	25.799207	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	25.22	PL20	-77.408919	39.056057
WB1034	3.195517	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	55.88	PL20	-77.406721	39.048321
WB1044	6.297893	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	74.00	PL20	-77.405842	39.049590
WB1049	2.346417	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	74.71	PL20	-77.403447	39.049606
WB1056	2.356731	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	79.87	PL20	-77.401143	39.048175
WB1063	4.782411	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	65.30	PL20	-77.400601	39.049856
WB1064	5.074792	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	72.95	PL20	-77.400606	39.050049
WB1066	5.360809	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	61.84	PL20	-77.400470	39.049943
WB1111	12.910242	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	70.63	PL20	-77.406263	39.053041
WB1125	2.430787	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	72.09	PL20	-77.407038	39.055774
WB1145	7.819467	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	42.62	PL20	-77.405592	39.054180
WB1147	1.694124	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	59.09	PL20	-77.403595	39.055586

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WB1157	16.658558	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	74.53	PL20	-77.401448	39.055218
WB1182	10.906817	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	38.01	PL20	-77.399693	39.053478
WB1184	0.749233	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	65.21	PL20	-77.399523	39.054942
WB12091	20.699848	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	45.50	PL42	-77.551427	38.913113
WB1239	2.646388	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFA	48.29	PL20	-77.410527	39.057832
WB1243	3.270229	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFA	53.99	PL20	-77.412495	39.058168
WB12680	16.469183	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	38.59	PL17	-77.507959	38.977422
WB1270	7.047153	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	53.20	PL20	-77.414118	39.058600
WB1273	1.755729	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	55.16	PL20	-77.412961	39.058235
WB1302	4.798662	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_PUBLIC	100.00	PL20	-77.395630	39.053089
WB1316	3.549978	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_PUBLIC	100.00	PL20	-77.397036	39.051672
WB1338	9.315918	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_PUBLIC	87.59	PL20	-77.398796	39.054810
WB1358	82.806988	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	21.68	PL19	-77.440982	39.052083
WB1532	9.424480	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	53.49	PL19	-77.433342	39.049429
WB1543	6.061108	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	67.66	PL19	-77.433935	39.050626
WB1544	0.251641	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL19	-77.433911	39.050656
WB1567	5.295338	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	60.76	PL19	-77.445955	39.055114
WB1595	2.731103	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.436400	39.055786
WB1604	6.506782	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.436668	39.056453
WB1618	7.046559	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	42.80	PL19	-77.440210	39.058163
WB1646	13.325976	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	92.78	PL19	-77.441039	39.062174
WB1655	4.430075	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	35.32	PL19	-77.440562	39.060207
WB1788	47.838686	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	38.97	PL19	-77.446270	39.057150
WB1798	2.919966	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	25.26	PL19	-77.440141	39.057887
WB1799	1.260535	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.440117	39.057889
WB18	2.924673	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.420362	39.033771
WB1855	21.029249	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	35.50	PL19	-77.442209	39.063741
WB1860	21.530737	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	79.92	PL19	-77.446031	39.067977
WB1879	17.043181	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	94.12	PL20	-77.449975	39.070192
WB1886	14.587595	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	99.93	PL20	-77.451715	39.069341
WB1899	20.128813	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	36.99	PL19	-77.444810	39.066229
WB1954	6.524967	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	49.72	PL19	-77.445016	39.066346
WB2	36.200632	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	34.64	PL19	-77.420067	39.033601
WB20075	4.172925	020700080905	Yes	Sugarland Run (Bacteria), Chesapeake Bay	Sugarland Run	COM_OTHER_PUBLIC	57.01	PL21	-77.371365	39.025931
WB2279	45.647919	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	99.92	PL20	-77.467131	39.073144
WB2281	0.883740	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.470199	39.068805
WB2317	3.428054	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	24.94	PL19	-77.456281	39.059821
WB2353	3.560594	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	72.16	PL20	-77.453023	39.071153
WB241	3.235269	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	100.00	PL19	-77.423855	39.035200
WB2434	5.662862	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	0.35	PL19	-77.475476	39.068892
WB252	17.986233	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	53.88	PL19	-77.421491	39.034243
WB2545	22.062895	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	89.96	PL20	-77.474911	39.074972
WB2573	3.448215	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	46.20	PL20	-77.474562	39.075382
WB2576	2.660122	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	99.86	PL20	-77.473884	39.075830
WB2584	0.628639	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	100.00	PL20	-77.473663	39.076102
WB2633	7.542999	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	88.69	PL20	-77.473859	39.073337
WB2635	1.399011	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	0.32	PL20	-77.471813	39.074416
WB2650	19.833886	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	60.48	PL20	-77.468687	39.073872
WB2659	2.298417	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	75.43	PL19	-77.448808	39.056804
WB277	5.780318	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	96.07	PL19	-77.420686	39.035596
WB296	0.321648	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	84.26	PL19	-77.419878	39.033199
WB299	22.856185	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	64.44	PL19	-77.420163	39.033038
WB30027	3.187633	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	51.16	PL16	-77.498007	39.083541
WB30028	2.933673	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	80.30	PL16	-77.499865	39.088503
WB30030	1.805922	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	47.80	PL19	-77.487593	39.014454
WB30032	3.136967	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	68.40	PL19	-77.474244	39.021997
WB30043	17.436800	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	71.42	PL42	-77.556544	38.908976
WB30271	10.222786	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	100.00	PL19	-77.418167	39.032062
WB30272	11.611389	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	28.74	PL19	-77.418189	39.032168
WB30273	2.257364	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	100.00	PL19	-77.418225	39.030184

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WB30274	2.137099	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_NON_PUBLIC	86.83	PL20	-77.404964	39.027777
WB30275	44.735064	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	29.21	PL20	-77.405135	39.028000
WB30276	1.363458	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	100.00	PL20	-77.405301	39.028398
WB30280	23.844849	020700080905	Yes	Sugarland Run (Bacterial), Chesapeake Bay	Sugarland Run	COM_OTHER_PUBLIC	97.52	PL21	-77.370306	39.027837
WB30281	1.439415	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	MULTI_USE	98.42	PL16	-77.496380	39.079911
WB30282	25.569078	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFA	24.08	PL16	-77.496180	39.079823
WB30287	0.368975	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	0.06	PL19	-77.465456	39.067119
WB30289	7.960239	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	100.00	PL20	-77.461612	39.068732
WB30293	23.807305	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	100.00	PL20	-77.462039	39.070140
WB30295	7.069286	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	67.37	PL19	-77.471002	39.068846
WB30296	3.563680	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	100.00	PL20	-77.463111	39.072057
WB30297	2.024705	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	100.00	PL20	-77.461864	39.072015
WB30298	0.402193	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	100.00	PL19	-77.467637	39.062590
WB30299	3.029293	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	100.00	PL19	-77.466464	39.061120
WB30300	20.301477	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	38.00	PL19	-77.466215	39.061118
WB30302	0.306677	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	100.00	PL19	-77.467733	39.061605
WB30303	4.369784	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	100.00	PL19	-77.467807	39.061193
WB30304	2.767270	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	100.00	PL20	-77.460526	39.071040
WB30305	5.522391	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	100.00	PL20	-77.461538	39.070310
WB30306	7.141406	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OFFICE_GENERAL	92.33	PL19	-77.461320	39.059928
WB30311	4.261138	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	99.07	PL20	-77.476573	39.078723
WB30312	3.218492	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	98.46	PL20	-77.477429	39.078584
WB30313	3.430281	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	100.00	PL20	-77.476412	39.078185
WB30314	92.396045	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	44.94	PL20	-77.477120	39.078451
WB30316	2.126337	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	100.00	PL20	-77.487636	39.093289
WB30321	5.311037	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_PUBLIC	100.00	PL20	-77.484129	39.090258
WB30322	2.426006	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_PUBLIC	100.00	PL20	-77.485908	39.091753
WB30323	2.376599	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_PUBLIC	100.00	PL20	-77.484117	39.090646
WB30324	2.167442	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_PUBLIC	43.03	PL20	-77.486571	39.090321
WB30325	6.792612	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	64.87	PL19	-77.469203	39.049972
WB30326	1.580755	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	70.44	PL19	-77.468234	39.049774
WB30332	23.351487	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	75.56	PL19	-77.461688	39.026401
WB30333	13.893096	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	99.98	PL19	-77.461740	39.026351
WB30338	2.199921	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL19	-77.459779	39.022984
WB30339	2.797361	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL19	-77.459235	39.022440
WB30346	5.732458	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_UNENTITLED	39.79	PL19	-77.445359	39.007816
WB30347	0.869773	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL19	-77.448151	38.996853
WB30348	1.900888	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	72.11	PL19	-77.448275	38.996575
WB30360	11.656123	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	12.91	PL19	-77.442748	39.007085
WB30374	5.932328	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	60.98	PL18	-77.437506	38.992015
WB30382	11.511458	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	0.21	PL19	-77.435883	39.002543
WB30392	66.423359	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	45.11	PL18	-77.437375	38.984290
WB30397	0.103301	020700080902	No	Chesapeake Bay	Horsepen Run	HOA	1.36	PL18	-77.428549	38.989899
WB30398	1.010053	020700080902	No	Chesapeake Bay	Horsepen Run	HOA	0.17	PL18	-77.429167	38.989745
WB30406	6.470932	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	77.61	PL17	-77.533886	38.976315
WB30407	5.093160	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	75.13	PL17	-77.535767	38.979072
WB30408	1.218318	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	30.19	PL17	-77.509915	38.969896
WB30409	1.524970	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_MFST	8.37	PL17	-77.510009	38.969333
WB30417	1.615509	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	57.00	PL17	-77.509354	38.981839
WB30418	13.021104	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	42.58	PL17	-77.511759	38.981735
WB30422	1.360469	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	66.28	PL17	-77.514206	38.981306
WB30423	9.641568	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_NON_PUBLIC	59.25	PL17	-77.510050	38.980317
WB30428	1.103777	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	15.14	PL17	-77.506116	38.976833
WB30434	5.394597	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL17	-77.503421	38.979399
WB30435	12.862223	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL17	-77.503318	38.979436
WB30436	10.237457	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL17	-77.503460	38.976855
WB30439	0.959606	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	56.62	PL17	-77.514329	38.979944
WB30446	34.007290	020700080902	No	Chesapeake Bay	Horsepen Run	VACANT_UNENTITLED	19.55	PL18	-77.431790	38.988944
WB30449	0.391234	020700080902	No	Chesapeake Bay	Horsepen Run	COM_HOTEL	13.77	PL18	-77.430796	38.988222
WB30450	0.414369	020700080902	No	Chesapeake Bay	Horsepen Run	COM_HOTEL	0.87	PL18	-77.430840	38.988408

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
WB30451	0.804135	020700080902	No	Chesapeake Bay	Horsepen Run	COM_HOTEL	100.00	PL18	-77.430323	38.987363
WB30452	0.257089	020700080902	No	Chesapeake Bay	Horsepen Run	COM_HOTEL	100.00	PL18	-77.430182	38.988468
WB30454	10.396850	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	93.26	PL18	-77.419967	38.986573
WB30456	1.970481	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.420436	38.986935
WB30459	23.643351	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	89.70	PL17	-77.474213	38.989480
WB30465	10.924820	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	88.91	PL18	-77.489491	38.969059
WB30466	2.888110	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	100.00	PL18	-77.489125	38.968871
WB30467	3.221572	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	99.98	PL18	-77.488111	38.968523
WB30468	1.784105	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	99.98	PL18	-77.486641	38.968931
WB30470	7.096176	020700080902	No	Chesapeake Bay	Horsepen Run	MULTI_USE	33.97	PL18	-77.486996	38.968037
WB30471	6.114828	020700080902	No	Chesapeake Bay	Horsepen Run	COM_LIGHT_IND_FLEX	97.91	PL18	-77.487688	38.967760
WB30478	4.338868	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_RETAIL	88.89	PL17	-77.496627	38.963057
WB30479	3.685762	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_RETAIL	85.93	PL17	-77.496324	38.964845
WB30481	1.603080	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL17	-77.497481	38.964463
WB30486	11.817171	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	77.47	PL14	-77.526968	39.012509
WB30488	4.481534	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	86.92	PL14	-77.528467	39.021034
WB30489	6.584158	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	76.14	PL14	-77.530288	39.017581
WB30490	2.014863	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	77.71	PL14	-77.529269	39.019883
WB30491	0.640422	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	52.81	PL14	-77.529295	39.020094
WB30493	1.614060	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	75.10	PL14	-77.531499	39.018197
WB30494	3.235121	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	80.17	PL14	-77.530735	39.018232
WB30496	22.120741	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	47.74	PL17	-77.521076	38.999337
WB30498	4.368289	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	69.31	PL17	-77.521404	38.998638
WB30499	5.822647	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	60.04	PL17	-77.520506	38.998794
WB30504	3.454030	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	30.45	PL19	-77.490809	39.012099
WB30505	1.189442	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	18.79	PL19	-77.490825	39.012108
WB30507	1.831432	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	1.42	PL19	-77.491831	39.012129
WB30508	27.696446	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	67.64	PL19	-77.491767	39.012113
WB30511	14.068788	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	99.78	PL19	-77.490707	39.020208
WB30512	2.134242	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	100.00	PL19	-77.488547	39.023063
WB30513	0.329204	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	99.97	PL19	-77.488556	39.023038
WB30514	5.366118	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	54.00	PL45	-77.540681	38.922775
WB30516	1.646851	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	64.43	PL45	-77.541529	38.921437
WB30517	22.297390	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	41.15	PL45	-77.541473	38.921429
WB30518	5.348005	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	66.80	PL45	-77.541097	38.922278
WB30519	5.772237	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	63.36	PL45	-77.541085	38.923293
WB30524	9.275819	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFA	54.31	PL42	-77.552398	38.921762
WB30527	1.540336	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFA	62.34	PL42	-77.552895	38.923123
WB30529	14.361785	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	72.46	PL42	-77.562276	38.910909
WB30530	0.200062	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	0.34	PL42	-77.562144	38.910838
WB30532	19.213603	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	73.88	PL42	-77.562460	38.913411
WB30534	2.682049	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	71.49	PL42	-77.561703	38.915810
WB30535	4.139010	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	67.16	PL42	-77.561589	38.917153
WB30536	1.230214	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_NON_PUBLIC	92.87	PL45	-77.534711	38.919023
WB30549	10.702041	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_LIGHT_IND_FLEX	91.86	PL45	-77.471975	38.916423
WB30550	7.766636	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_RETAIL	97.77	PL45	-77.474523	38.912779
WB30551	5.754277	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_RETAIL	100.00	PL45	-77.474615	38.912536
WB30552	4.984195	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	12.20	PL45	-77.473707	38.911814
WB30555	4.027460	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.445971	39.028712
WB30556	3.140474	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.445872	39.028737
WB30557	0.782688	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.445503	39.028558
WB30558	2.328154	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.444046	39.029459
WB30559	1.062501	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.442816	39.028420
WB30561	2.455589	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.445297	39.033873
WB30563	25.972737	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.440644	39.032775
WB30565	3.091153	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_NON_PUBLIC	75.81	PL20	-77.472684	39.083686
WB30571	14.837683	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	57.22	PL14	-77.530500	39.040272
WB31004	2.387535	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_UNENTITLED	21.32	PL17	-77.495116	38.963199
WB31005	3.065955	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	79.33	PL19	-77.493230	39.056005
WB31006	1.604144	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	82.99	PL19	-77.491985	39.056776

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
WB31007	0.733385	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	56.32	PL19	-77.492130	39.057032
WB31008	7.749993	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	79.50	PL19	-77.494226	39.058418
WB31009	4.694284	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	83.42	PL19	-77.493613	39.056228
WB31010	1.546871	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	56.67	PL42	-77.551071	38.913055
WB35	2.285562	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	98.55	PL19	-77.421922	39.034638
WB369	1.800991	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	40.22	PL19	-77.418846	39.032089
WB373	1.007328	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	15.68	PL19	-77.418303	39.031703
WB386	12.501683	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	57.06	PL19	-77.418375	39.029210
WB389	3.083296	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_MFA	47.56	PL19	-77.418149	39.029638
WB40458	8.084070	020700080902	No	Chesapeake Bay	Horsepen Run	VACANT_UNENTITLED	46.49	PL18	-77.430976	38.990478
WB40461	26.206698	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	98.16	PL17	-77.509867	38.969590
WB40480	0.953691	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	75.69	PL45	-77.537838	38.923350
WB422	3.791125	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	70.52	PL20	-77.409282	39.044434
WB428	6.459506	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	83.44	PL20	-77.406943	39.043880
WB436	3.034267	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	73.12	PL20	-77.405023	39.043449
WB444	3.159187	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	31.33	PL20	-77.408882	39.040718
WB448	30.602497	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	34.45	PL20	-77.408587	39.039976
WB532	0.268767	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_PUBLIC	100.00	PL20	-77.413538	39.044459
WB533	22.896931	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	33.73	PL20	-77.414234	39.044783
WB562	4.891744	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	65.93	PL20	-77.410405	39.044230
WB571	6.514309	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	61.94	PL20	-77.413384	39.044608
WB641	6.629018	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_MFST	88.33	PL20	-77.407927	39.037090
WB642	4.626525	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_MFST	76.37	PL20	-77.407898	39.036977
WB644	1.538781	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	57.35	PL20	-77.407644	39.036314
WB650	0.373681	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_MFST	88.41	PL20	-77.410116	39.036953
WB654	0.343195	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	36.84	PL20	-77.409797	39.036742
WB655	2.073243	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	100.00	PL20	-77.409654	39.036531
WB661	0.945851	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_RETAIL	50.81	PL20	-77.408361	39.035663
WB669	3.919566	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	88.47	PL20	-77.411354	39.037044
WB679	0.318555	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	87.09	PL20	-77.411713	39.037895
WB682	3.526940	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	87.72	PL20	-77.411887	39.037925
WB691	8.457056	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	31.51	PL20	-77.412250	39.037553
WB7	0.983559	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	97.63	PL19	-77.419918	39.033450
WB70105	1.910755	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	99.21	PL19	-77.447810	39.008639
WB70106	1.075032	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.447680	39.008738
WB721	3.186039	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	76.70	PL20	-77.412361	39.037440
WB732	1.457926	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	77.34	PL20	-77.412464	39.037009
WB737	0.570674	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_MEDICAL	68.19	PL20	-77.412012	39.036789
WB821	20.103825	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	69.39	PL20	-77.407807	39.051445
WB826	1.112903	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	72.80	PL20	-77.405074	39.050765
WB828	1.189051	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	68.04	PL20	-77.404971	39.050140
WB853	20.469078	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	65.98	PL20	-77.409757	39.052133
WB860	1.831800	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	44.66	PL20	-77.408488	39.052689
WB862	2.715938	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	61.04	PL20	-77.408534	39.052754
WB864	1.524138	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	75.95	PL20	-77.407415	39.053456
WB870	1.620508	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	73.12	PL20	-77.410879	39.052517
WB887	3.999605	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	59.06	PL20	-77.407934	39.054062
WB888	0.774143	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	35.14	PL20	-77.407786	39.054259
WB896	0.665784	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	40.85	PL20	-77.407192	39.054110
WB902	0.443618	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	66.16	PL20	-77.408083	39.054684
WB906	9.618823	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	50.27	PL20	-77.416874	39.054205
WB958	8.709759	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	74.57	PL20	-77.416189	39.053583
WB968	1.640979	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	68.35	PL20	-77.411451	39.053283
WB994	1.783517	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	50.83	PL20	-77.418443	39.051595
WB995	2.441907	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	HOA	44.55	PL20	-77.418549	39.051716
WB998	2.358128	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	RES_SFD	74.64	PL20	-77.416724	39.053047
WC30573	2.245937	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	45.05	PL19	-77.494598	39.061013
WC30582	0.503250	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	0.38	PL19	-77.468487	39.067063
WC30583	4.054057	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	7.89	PL19	-77.469093	39.066979
WJ1017	23.366591	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	27.50	PL19	-77.513806	39.054950

Loudoun County Virginia
Regulated MS4 Outfall Table

FCITD	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
WJ1018	2.302169	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	71.21	PL19	-77.513693	39.054823
WJ1029	5.013558	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	38.51	PL19	-77.513126	39.054094
WJ1030	2.003808	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	73.01	PL19	-77.512191	39.054122
WJ104	11.432292	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	49.64	PL45	-77.512268	38.923587
WJ1084	8.512336	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	51.30	PL19	-77.513196	39.052106
WJ1162	15.846195	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	45.12	PL19	-77.513656	39.050512
WJ1189	17.583261	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	40.54	PL19	-77.510879	39.050798
WJ120	18.344619	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	51.83	PL45	-77.516805	38.921965
WJ1203	2.057686	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	63.23	PL19	-77.512237	39.049458
WJ124	20.943546	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_RETAIL	23.11	PL45	-77.511035	38.921756
WJ1263	29.066572	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	61.74	PL19	-77.514135	39.048133
WJ1275	19.406707	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	49.37	PL19	-77.513155	39.047822
WJ131	2.325880	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	49.41	PL45	-77.510787	38.921487
WJ132	0.215197	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	0.16	PL45	-77.510784	38.921470
WJ135	0.051060	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	0.14	PL45	-77.510917	38.921339
WJ1403	44.941654	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	62.68	PL19	-77.513006	39.048526
WJ1405	24.230919	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	73.05	PL19	-77.512814	39.039234
WJ1412	1.281706	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	65.92	PL19	-77.512788	39.039229
WJ144	14.011084	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	42.64	PL45	-77.510721	38.919221
WJ1449	4.887086	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	66.94	PL19	-77.513598	39.038116
WJ1454	7.939999	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	71.92	PL19	-77.517113	39.037942
WJ1467	19.451574	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	42.00	PL19	-77.517328	39.037813
WJ1496	3.471176	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	66.40	PL19	-77.514914	39.035753
WJ1497	7.853332	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	64.47	PL19	-77.516100	39.035722
WJ1518	11.389134	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	76.30	PL19	-77.517759	39.035636
WJ1530	35.343773	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	27.66	PL19	-77.489655	39.050064
WJ1641	0.674440	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	98.99	PL19	-77.488036	39.066160
WJ1643	0.545740	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	98.96	PL19	-77.487629	39.065680
WJ1651	12.651847	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	91.17	PL19	-77.488529	39.067408
WJ1678	3.402685	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	81.01	PL19	-77.492703	39.067516
WJ1681	0.975528	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	67.34	PL19	-77.488571	39.066167
WJ1683	4.873136	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	48.60	PL19	-77.487906	39.065225
WJ1707	12.488582	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	65.48	PL19	-77.486490	39.065025
WJ1730	25.672575	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	53.16	PL19	-77.486914	39.059079
WJ1735	4.274763	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	72.59	PL19	-77.493520	39.064432
WJ1737	0.167137	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	100.00	PL19	-77.493471	39.064566
WJ176	16.654477	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_MFA	31.53	PL45	-77.511370	38.917003
WJ1760	6.845359	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	81.25	PL19	-77.493163	39.065091
WJ1771	8.991387	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	56.05	PL19	-77.488888	39.066937
WJ1781	4.347413	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	58.04	PL19	-77.492717	39.067509
WJ1785	2.583013	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	60.97	PL19	-77.493155	39.066901
WJ1789	2.040739	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	70.41	PL19	-77.493375	39.066194
WJ1795	2.242974	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	75.82	PL19	-77.493322	39.065679
WJ1803	2.955744	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	60.35	PL19	-77.493675	39.064358
WJ1806	17.167920	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	51.66	PL19	-77.494508	39.062464
WJ1825	4.736480	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	63.77	PL19	-77.498334	39.065010
WJ1830	4.466769	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	55.84	PL19	-77.497977	39.066164
WJ1840	18.366798	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	53.04	PL19	-77.497177	39.067153
WJ1855	2.333046	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	78.58	PL19	-77.497036	39.067808
WJ1868	10.072949	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	77.16	PL19	-77.496831	39.068673
WJ1894	12.525005	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	76.52	PL16	-77.496814	39.073360
WJ1903	2.776899	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	74.34	PL16	-77.498085	39.075062
WJ1907	2.924532	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	79.15	PL16	-77.500247	39.071823
WJ1913	3.033699	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	99.88	PL16	-77.500202	39.071725
WJ1915	9.548426	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	74.29	PL16	-77.500161	39.071516
WJ192	12.266291	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_RETAIL	43.56	PL45	-77.511348	38.915338
WJ1957	5.607155	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	76.00	PL16	-77.500036	39.070848
WJ1961	0.158983	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	100.00	PL16	-77.500560	39.071090
WJ1970	18.936424	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	RES_SFD	79.68	PL16	-77.500697	39.072463
WJ2	13.124258	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	38.39	PL45	-77.524684	38.916950

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
WJ2034	13.663381	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_HOTEL	33.93	PL20	-77.475500	39.078709
WJ2042	0.895916	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	24.60	PL20	-77.475665	39.078636
WJ2043	1.433924	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	12.25	PL20	-77.475705	39.078630
WJ2068	0.354359	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_NON_PUBLIC	1.40	PL20	-77.470297	39.079740
WJ2073	2.904491	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OFFICE_GENERAL	85.20	PL20	-77.470609	39.079218
WJ2091	22.829067	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_HOTEL	82.98	PL20	-77.471286	39.083546
WJ2117	9.512553	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_NON_PUBLIC	45.30	PL20	-77.471216	39.075880
WJ2118	2.130074	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	MULTI_USE	6.29	PL20	-77.471193	39.075876
WJ2126	0.340794	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_NON_PUBLIC	97.65	PL20	-77.470349	39.079958
WJ2128	11.594531	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_NON_PUBLIC	83.96	PL20	-77.471020	39.080345
WJ2157	15.119300	020700080904	No	Chesapeake Bay	Selden Island - Potomac River	COM_OTHER_NON_PUBLIC	84.19	PL20	-77.470806	39.081016
WJ2178	1.288097	020700080704	Yes	Goose Creek (Benthic), Chesapeake Bay	Cattail Branch - Goose Creek	HOA	23.51	PL16	-77.504231	39.090794
WJ226	4.986119	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_RETAIL	37.05	PL45	-77.511440	38.914369
WJ250	2.944849	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	47.62	PL45	-77.516611	38.913331
WJ255	2.462631	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	31.13	PL45	-77.517689	38.914025
WJ267	5.392460	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	47.49	PL45	-77.517401	38.916232
WJ271	0.753371	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	60.10	PL45	-77.517541	38.916020
WJ272	0.724561	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	49.74	PL45	-77.517095	38.915445
WJ277	4.716973	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	54.97	PL45	-77.517206	38.914929
WJ301	4.125982	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	MULTI_USE	95.53	PL45	-77.516986	38.917724
WJ310	1.472592	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	0.19	PL45	-77.517224	38.917205
WJ316	1.404433	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	28.60	PL45	-77.518082	38.916433
WJ322	1.217869	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	8.87	PL45	-77.518385	38.915059
WJ337	24.438564	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_OTHER_PUBLIC	53.13	PL45	-77.520257	38.915342
WJ364	3.855806	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	24.43	PL45	-77.518387	38.914070
WJ367	5.578701	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	45.02	PL45	-77.520077	38.909661
WJ383	9.861803	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	90.51	PL19	-77.501950	39.038534
WJ390	2.319368	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	67.83	PL19	-77.500542	39.038593
WJ398	1.455142	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	57.85	PL19	-77.499873	39.038468
WJ401	1.751314	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	53.32	PL19	-77.498499	39.038501
WJ406	1.459635	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	53.16	PL19	-77.497448	39.038263
WJ412	31.251345	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	39.05	PL19	-77.494999	39.036403
WJ413	1.623194	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	57.44	PL19	-77.494920	39.036487
WJ419	1.600918	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	67.47	PL19	-77.494699	39.038099
WJ426	0.488335	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	62.07	PL19	-77.496328	39.038183
WJ427	3.973290	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	57.40	PL19	-77.494974	39.036158
WJ435	7.994357	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	41.53	PL19	-77.495576	39.034636
WJ444	6.606605	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_CHURCH	20.98	PL19	-77.496086	39.034019
WJ466	4.532634	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	80.91	PL19	-77.494014	39.035276
WJ473	3.180232	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	68.54	PL19	-77.492981	39.037148
WJ476	2.851147	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	73.66	PL19	-77.491674	39.035103
WJ482	8.750050	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	45.41	PL19	-77.492087	39.033352
WJ493	2.249035	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	59.49	PL19	-77.490586	39.030865
WJ503	4.797155	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	69.19	PL19	-77.489559	39.032109
WJ507	2.556093	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	81.38	PL19	-77.489104	39.032293
WJ515	1.132055	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	67.00	PL19	-77.487778	39.032866
WJ519	5.350444	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	57.10	PL19	-77.489261	39.031587
WJ526	3.802274	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	46.12	PL19	-77.487537	39.031512
WJ530	2.719550	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	64.87	PL19	-77.490546	39.029932
WJ536	2.485723	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	66.67	PL19	-77.490045	39.031471
WJ541	0.767150	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	63.61	PL19	-77.487425	39.031954
WJ542	1.344702	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	57.99	PL19	-77.487260	39.031732
WJ547	0.630626	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	50.52	PL19	-77.487198	39.030864
WJ572	1.693534	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	60.63	PL19	-77.487464	39.033197
WJ576	2.894451	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	71.14	PL19	-77.492993	39.040139
WJ582	7.203577	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	82.66	PL19	-77.492209	39.041478
WJ593	6.003892	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	81.09	PL19	-77.491757	39.042700
WJ608	5.060332	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	60.48	PL19	-77.498375	39.043250
WJ610	7.160882	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	68.03	PL19	-77.499409	39.044077
WJ611	7.451380	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	75.76	PL19	-77.499771	39.043475

Loudoun County Virginia
Regulated MS4 Outfall Table

FCTID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
WJ621	1.176112	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.94	PL19	-77.499779	39.045287
WJ626	1.326218	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	83.63	PL19	-77.499808	39.046078
WJ63	16.024478	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	64.38	PL45	-77.528576	38.915687
WJ632	2.194767	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	67.13	PL19	-77.500309	39.046288
WJ638	14.040089	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	74.55	PL19	-77.498702	39.048901
WJ64	3.488114	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	84.61	PL45	-77.528049	38.916054
WJ640	5.853784	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	84.20	PL19	-77.498714	39.049010
WJ657	0.325496	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	98.94	PL19	-77.503457	39.045697
WJ660	2.522535	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	58.58	PL19	-77.503490	39.045618
WJ663	1.171625	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	22.38	PL19	-77.503756	39.045186
WJ675	3.955305	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	73.48	PL19	-77.503253	39.046556
WJ685	6.705422	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	70.26	PL19	-77.500573	39.046465
WJ69	10.826306	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	74.56	PL45	-77.528800	38.915516
WJ707	3.481133	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	68.17	PL19	-77.500507	39.050939
WJ708	2.966990	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	69.07	PL19	-77.499540	39.050435
WJ719	5.314744	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	66.63	PL19	-77.503612	39.046780
WJ737	4.822314	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	35.89	PL19	-77.505888	39.046787
WJ762	9.402084	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	66.27	PL19	-77.501398	39.051538
WJ764	0.798532	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	97.60	PL19	-77.502664	39.052209
WJ768	10.360061	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	43.18	PL19	-77.503761	39.052524
WJ82	3.157428	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	69.29	PL45	-77.529520	38.915412
WJ826	15.832923	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	40.94	PL19	-77.507024	39.047319
WJ828	1.520592	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_PUBLIC	21.74	PL19	-77.507042	39.047258
WJ837	1.180313	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	100.00	PL19	-77.506094	39.046759
WJ843	2.107195	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	61.28	PL19	-77.504604	39.046363
WJ859	1.883123	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	78.69	PL19	-77.497337	39.039402
WJ875	9.694676	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	75.43	PL19	-77.496733	39.039359
WJ886	11.628497	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	PUBLIC	34.64	PL19	-77.505232	39.053311
WJ887	5.241045	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	PUBLIC	79.94	PL19	-77.505709	39.053516
WJ91	1.638340	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	64.85	PL45	-77.511918	38.922103
WJ911	4.743790	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	41.46	PL19	-77.509463	39.054553
WJ917	1.605545	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	50.48	PL19	-77.509166	39.054766
WJ924	1.821797	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	60.44	PL19	-77.509271	39.055561
WJ929	11.710556	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	35.08	PL19	-77.510518	39.057366
WJ950	3.085113	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	25.32	PL19	-77.511759	39.055252
WJ967	7.780628	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	66.55	PL19	-77.509956	39.055820
WJ973	8.116172	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	31.25	PL19	-77.510677	39.054515
WJ998	5.418419	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	VACANT_ENTITLED	18.31	PL14	-77.515380	39.057648
WP2621	0.727891	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	56.11	PL17	-77.525364	38.969739
WP3064	21.064293	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	41.46	PL17	-77.499758	38.965945
WP3201	0.913373	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	10.33	PL45	-77.499794	38.912933
WP3483	7.200089	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	22.99	PL19	-77.459519	39.049034
WP3520	2.755815	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	51.42	PL17	-77.502066	39.001433
WP3521	0.554550	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	28.24	PL17	-77.502170	39.001273
WP3522	0.291642	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	44.82	PL17	-77.502322	39.001139
WP3523	1.860901	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	49.51	PL14	-77.523745	39.001167
WP3524	16.373869	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFD	37.49	PL14	-77.527526	39.002688
WP3526	2.093742	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	48.83	PL14	-77.528479	39.002914
WP3527	0.848546	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	57.83	PL14	-77.528913	39.002960
WP3528	10.455414	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	41.21	PL14	-77.528396	39.004028
WP3530	1.696447	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_LIGHT_IND_FLEX	100.00	PL17	-77.501113	38.959352
WP3537	6.166573	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	50.45	PL19	-77.508716	39.009544
WP3538	1.309890	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	95.44	PL19	-77.459761	39.003938
WP3539	2.419860	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	99.33	PL19	-77.459536	39.004378
WP3541	2.756913	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	93.18	PL19	-77.459258	39.005121
WP3546	10.230162	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	65.34	PL17	-77.506575	38.982865
WP3547	5.958441	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	56.31	PL17	-77.509204	38.980241
WP3548	2.715344	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	26.71	PL14	-77.529304	39.002508
WP3554	0.923177	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	MULTI_USE	9.57	PL14	-77.531184	38.997000
WP3555	0.361075	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	COM_OTHER_PUBLIC	8.60	PL14	-77.531213	38.996881

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FCITID	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
WP3557	1.439508	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	COM_OTHER_PUBLIC	13.84	PL14	-77.531470	38.996260
WP3560	1.629569	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	56.01	PL17	-77.508466	38.978372
WP3563	10.087834	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_MFST	39.09	PL14	-77.536969	38.987596
WP3564	1.455190	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	MULTI_USE	0.27	PL14	-77.536851	38.989581
WP3565	0.064083	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	94.70	PL14	-77.536750	38.989767
WP3566	1.734906	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFA	62.61	PL14	-77.536544	38.989716
WP3567	2.262964	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	0.07	PL14	-77.535765	38.991216
WP3568	5.595214	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	16.16	PL14	-77.537936	38.987973
WP3569	1.995682	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	100.00	PL19	-77.463582	39.021861
WP3570	3.120255	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	100.00	PL19	-77.463337	39.022153
WP3571	1.701197	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	100.00	PL19	-77.464971	39.021324
WP3572	1.180442	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	100.00	PL19	-77.465059	39.021363
WP3573	6.115963	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	100.00	PL19	-77.465446	39.020076
WP3574	8.623174	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	99.31	PL19	-77.465172	39.019504
WP3578	0.085531	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	22.18	PL19	-77.462842	39.026489
WP3579	0.359176	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_LIGHT_IND_FLEX	30.91	PL19	-77.462910	39.025398
WP3580	0.443918	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	5.34	PL19	-77.462943	39.025352
WP3581	0.248929	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	51.72	PL19	-77.464030	39.029025
WP3582	7.056944	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	46.46	PL19	-77.464426	39.028873
WP3583	2.227814	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	67.48	PL19	-77.467868	39.028681
WP3584	0.158195	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	78.77	PL19	-77.467602	39.028921
WP3585	14.641097	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	77.31	PL19	-77.468311	39.028195
WP3586	0.428952	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	70.47	PL19	-77.469178	39.027995
WP3587	0.915542	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_DATA_CENTER	2.22	PL19	-77.450137	39.027823
WP3588	0.526044	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.455216	39.029262
WP3589	0.800462	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.455242	39.029363
WP3590	6.128322	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	93.49	PL19	-77.456987	39.031496
WP3591	0.426019	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.456605	39.032055
WP3592	7.958163	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.456838	39.031511
WP3593	6.580521	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	100.00	PL19	-77.456043	39.032533
WP3594	0.641544	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MULTI_USE	0.15	PL19	-77.457967	39.031980
WP3596	5.318930	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	63.18	PL17	-77.536190	38.974990
WP3597	4.362619	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	50.04	PL17	-77.536546	38.974965
WP3599	5.996704	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	63.18	PL17	-77.536884	38.972596
WP3600	5.927132	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	52.11	PL17	-77.537143	38.971070
WP3601	8.781836	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	30.18	PL17	-77.541043	38.971700
WP3602	7.357543	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	62.69	PL17	-77.540780	38.971173
WP3603	7.422871	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	64.92	PL17	-77.540177	38.970030
WP3604	3.510668	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	59.55	PL17	-77.538286	38.968469
WP3605	11.855159	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	64.25	PL17	-77.537358	38.968145
WP3606	4.208433	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	50.58	PL17	-77.536693	38.967302
WP3607	1.782323	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFD	70.06	PL42	-77.563314	38.920521
WP3608	1.594257	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFA	57.28	PL42	-77.563336	38.921319
WP3609	1.501569	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	53.18	PL42	-77.561219	38.920731
WP3610	4.570198	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	RES_SFA	38.41	PL42	-77.561146	38.919511
WP3611	1.258157	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	53.35	PL42	-77.560953	38.920778
WP3612	0.331620	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	22.78	PL42	-77.562555	38.918850
WP3613	0.476040	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	10.80	PL42	-77.562614	38.918785
WP3614	5.177416	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	46.87	PL42	-77.556548	38.921130
WP3615	6.397626	020700100701	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Upper Bull Run	HOA	49.85	PL42	-77.556921	38.922163
WP3618	3.509923	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	34.21	PL17	-77.544476	38.936770
WP3620	0.197753	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OFFICE_GENERAL	36.41	PL17	-77.544767	38.936685
WP3621	4.264899	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_MFST	58.01	PL17	-77.544849	38.936368
WP3622	7.197313	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_MFST	86.85	PL17	-77.544032	38.935431
WP3627	12.749518	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	51.95	PL45	-77.530807	38.924246
WP3628	3.254324	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	61.16	PL45	-77.530280	38.924413
WP3629	1.051899	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	71.66	PL45	-77.531600	38.924686
WP3630	3.903023	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	59.95	PL45	-77.527779	38.923684
WP3631	5.007000	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	COM_RETAIL	68.63	PL45	-77.523281	38.925714
WP3632	0.481983	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	HOA	88.85	PL45	-77.500463	38.913321

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FCtid	Regulated Acres	HUC Code	Impaired	TMDL Name	Receiving Water	Majority Land Use	Majority Land Use Percent	VAHU6	Longitude	Latitude
WP3635	10.894498	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFA	55.20	PL45	-77.497122	38.912685
WP3637	12.034686	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	56.04	PL45	-77.495096	38.910327
WP3638	1.646207	020700100704	Yes	Bull Run (Bacteria/Benthic), Chesapeake Bay	Cub Run	RES_SFD	68.84	PL45	-77.494817	38.910380
WP3647	10.747276	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_CHURCH	99.40	PL19	-77.419573	39.012132
WP3648	1.145805	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_CHURCH	100.00	PL19	-77.420218	39.011289
WP3651	0.095246	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	100.00	PL19	-77.428234	39.041686
WP3652	1.335641	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	100.00	PL19	-77.427960	39.041535
WP3653	1.099262	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	100.00	PL19	-77.427896	39.041046
WP3654	0.831453	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	97.54	PL19	-77.428261	39.040517
WP3655	0.806504	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	VACANT_ENTITLED	34.88	PL19	-77.428734	39.038511
WP3668	3.274374	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	72.97	PL17	-77.528716	38.967087
WP3669	14.771264	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	51.84	PL17	-77.530428	38.969275
WP3671	19.741062	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	67.20	PL17	-77.524193	38.966633
WP3672	1.034101	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	80.81	PL17	-77.529406	38.966785
WP3673	4.558632	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	81.44	PL17	-77.526061	38.967147
WP3675	0.498246	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	65.87	PL17	-77.524984	38.968751
WP3676	3.216048	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	49.55	PL17	-77.524524	38.968353
WP3677	2.076553	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFA	63.07	PL17	-77.524128	38.967483
WP3678	7.743464	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	71.10	PL17	-77.522566	38.968723
WP3679	28.275476	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	COM_OTHER_PUBLIC	68.98	PL17	-77.525333	38.970910
WP3680	22.000387	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	47.11	PL17	-77.531532	38.967759
WP3682	21.762077	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	RES_SFA	38.16	PL14	-77.526039	39.045057
WP3683	10.798199	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	HOA	37.55	PL14	-77.526055	39.046456
WP3685	13.172673	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	COM_RETAIL	90.95	PL14	-77.523542	39.043224
WP3686	8.344984	020700080702	Yes	Goose Creek (Benthic), Chesapeake Bay	Big Branch - Goose Creek	COM_RETAIL	16.62	PL14	-77.525109	39.043156
WP3690	5.116544	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_OTHER_NON_PUBLIC	46.15	PL19	-77.458319	39.048419
WP3691	2.412529	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	26.88	PL19	-77.455238	39.048974
WP3692	2.361288	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFA	15.69	PL19	-77.453028	39.046906
WP3693	1.508654	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	COM_RETAIL	26.52	PL19	-77.453459	39.047204
WP3694	6.814862	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	33.81	PL19	-77.453249	39.046280
WP3695	0.324832	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	80.01	PL19	-77.453236	39.046258
WP3697	1.005822	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	HOA	54.41	PL19	-77.453725	39.046346
WP3698	0.644226	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	RES_SFD	12.13	PL19	-77.453672	39.046419
WP3699	0.305679	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	9.62	PL17	-77.530920	38.974526
WP3700	22.350270	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	61.96	PL17	-77.530611	38.975071
WP3701	0.461243	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	0.54	PL17	-77.530684	38.975090
WP3703	2.270245	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	HOA	23.77	PL17	-77.537348	38.976492
WP3704	0.551206	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	VACANT_ENTITLED	16.19	PL17	-77.536124	38.976633
WP3705	5.896033	020700080901	No	Chesapeake Bay	Lenah Run - Broad Run	RES_SFD	66.98	PL17	-77.535838	38.976528
Z17_2S	44.706115	020700080903	No	Chesapeake Bay	Beaverdam Run - Broad Run	MISC	67.39	PL19	-77.472891	39.008886

Appendix E

Dry Weather Screening



August 30, 2023

Michael Donnelly
Stormwater Engineer Assistant
Loudoun County
Department of General Services
P.O. Box 7100
801 Sycolin Road SE, Suite 300
Leesburg, VA 20175

RE: Permit 4/Year 5 (FY2023) – Illicit Discharge Detection & Elimination Program (IDDE) Dry Weather Screening Report of Findings

Dear Mr. Donnelly:

To support Loudoun County's compliance with its submitted Phase II Municipal Separate Storm Sewer System (MS4) Program Plan and the County's Illicit Discharge Detection and Elimination (IDDE) Procedure (Version 3, January 20, 2022), GKY & Associates, Inc. (GKY) conducted visual dry weather screening inspections on 259 outfalls. These outfalls were selected because their associated drainage areas were identified as having a high potential for illicit discharges.

The inspections included a visual evaluation of the conditions observed at each outfall. GKY documented each inspection using an electronic field inspection form and obtained photo documentation. If the field team observed dry weather flow, the source was investigated, and samples were collected if a potential or actual illicit discharge was discovered.

Per the County's IDDE Procedure, field samples were analyzed for temperature, conductivity, pH, turbidity, chlorine, and ammonia. Additional samples were collected for further analysis if these field analyses indicated an exceedance of the field sampling benchmark criteria. Laboratory analysis was conducted in a certified laboratory for ammonia, fluoride, surfactants, potassium, oil and grease, and total petroleum hydrocarbon (TPH) as outlined in Addendum 2, Dry Weather Screening Protocol (January 2022). Bacteria analysis was conducted by GKY field staff using Coliscan Easygel's growth media. A summary of the dry weather screening results, including field and analytic sampling data, is provided in **Attachment 1**. GKY will provide laboratory analysis reports upon request.

Dry Weather Screening Results

GKY categorized the 259 screened outfalls into one (1) of four (4) categories (*Illicit*, *Suspect – Investigate*, *Suspect – Monitor*, and *Clear*). The results of the inspections are summarized in **Table 1. Attachment 1** provides a tabular summary of the data associated with each outfall screened, sorted by the categories above. **Attachments 2 through 5** include reports associated with each of the categories.

Table 1. Cumulative Outfall Statistics Summary

Category	Total No. Outfalls	% of Total Outfalls (259)
Illicit	9	3.5
Suspect – Investigate	13	5.0
Suspect – Monitor	9	3.5
Clear	228	88.0
Total	259	100%

Please note that the tabular summary in **Attachment 1** contains 273 total records, as flow at several outfalls was traced to two (2) or more separate sources within the drainage area; therefore, multiple inspection reports were generated for each of those outfalls. When multiple sources were investigated, the outfall was categorized by the most severe category for potential illicit discharge (in order of *Illicit*, *Suspect – Investigate*, *Suspect – Monitor*, then *Clear*). For example, if the outcome of two (2) investigations for an outfall yielded one (1) *Clear* source and one (1) *Illicit* source, the outfall is categorized as *Illicit*.

Illicit

Illicit outfalls presented an exceedance of one or more water quality sampling parameters and/or physical indicators. Further investigation may be required to confirm a source and/or origin. If the source was Identified, enforcement may be recommended.

Illicit outfalls met one or more of the following conditions:

1. Unknown flow originating from a location that fails one or more sampling parameters.
2. Illicit discharge and/or Illegal dumping activity observed.

The number of outfalls categorized within the *Illicit* category is shown in **Table 2**.

Table 2. Outfalls Categorized as *Illicit*

Category	No. of Outfalls	% of Total Outfalls (259)
Illicit	9	3.5%

Suspect – Investigate

Suspect – Investigate outfalls presented a high exceedance of one or more water quality indicators and/or physical indicators of an illicit discharge with insufficient flow for sampling or identification of a potential source of pollutants, requiring further investigation to determine a source and/or origin.

Suspect – Investigate outfalls met one or more of the following conditions:

1. Unknown flow originating from a location that would be expected to have pollutants (i.e., carwash or pool) but insufficient flow to collect a sample.
2. Strong and obvious physical indicator(s) of an illicit discharge but no active discharge (i.e., concrete slurry in the bottom of the outfall pipe).
3. Significant exceedance of one or more water quality field indicators or show possible evidence of illicit discharge.

The number of outfalls categorized within the *Suspect – Investigate* category is shown in **Table 3**.

Table 3. Outfalls Categorized as *Suspect – Investigate*

Category	No. of Outfalls	% of Total Outfalls (259)
Suspect – Investigate	13*	5.0%

***Attachment 1** presents records for 18 *Suspect - Investigate* outfalls because flow at several outfalls was traced to two (2) or more separate sources within the drainage area; therefore, multiple inspection reports were generated for each outfall.

Attachment 1 contains a table that displays the results of the investigation, including observations, field testing results, analytical testing results, and recommended follow-up actions for the outfalls categorized as *Suspect-Investigate*. **Attachment 3** includes digital copies of the inspection form, photolog, and a photo location map for each outfall categorized as *Suspect – Investigate*.

Suspect – Monitor

Suspect – Monitor outfalls presented possible evidence of previous illicit discharge or other minor issues that did not warrant investigation; therefore, they should be cataloged for future analysis to determine potential indicator trends.

Suspect – Monitor outfalls met one or more of the following conditions:

1. Evidence of a previous illicit discharge, such as staining.
2. Physical indicators such as algal mats or brown algae downstream of outfall without a discernable upstream source of indicator of an illicit discharge.
3. Significant trash, sediment, or debris.
4. Slight exceedances of up to two water quality field indicator pass criteria, but without any other indicators of an illicit discharge.
5. Flow from unknown/unmapped pipe with insufficient flow to collect samples, no physical indicators, and flow originating from an area that would not be expected to have pollutants (i.e., residential/roof drains).

The number of outfalls categorized within the *Suspect – Monitor* category is shown in **Table 4**.

Table 4. Outfalls Categorized as *Suspect – Monitor*

Category	No. of Outfalls	% of Total Outfalls (259)
Suspect – Monitor	9	3.5%

Attachment 1 contains a table that displays the results of the investigation including observations, field testing results, analytical testing results, and recommended follow-up actions for the outfalls categorized as *Suspect – Monitor*. **Attachment 4** includes digital copies of the inspection form, photolog, and a photo location map for each outfall categorized as *Suspect – Monitor*. Based on the observed conditions at *Suspect – Monitor* outfalls, no additional follow-up is required at this time.

Clear

Clear outfalls presented the following conditions:

- No dry weather flow at the time of the inspection;
- The outfall or upstream node was wet but not flowing; or
- Dry weather flow was observed at the outfall, but after investigation, the flow was determined not to be a potential or actual illicit discharge (e.g., the source was determined to originate from groundwater).

The number of outfalls subcategorized within the *Clear* category is shown in **Table 5**.

Table 5. Outfalls Categorized as *Clear*

Category	No. of Outfalls	% of Total Outfalls (259)
Clear	228	88.0%

*Where GKY observed dry weather flow, the inspection team investigated the source of the flow for each outfall by tracing the flow up the storm sewer system until the source could be identified. The source of flow for each of the outfalls contained in this category was classified as *Clear*. Based upon the County IDDE Procedure, GKY determined *Clear* outfalls to be free of concern, and noted observed flows as originating from one of the following sources:

- Groundwater
- Ponded water upstream
- SWM pond discharge
- Natural stream/channel
- Landscape irrigation water

****Attachment 1** presents records for 237 *Clear* outfalls because flow at several outfalls was traced to two (2) or more separate sources within the drainage area; therefore, multiple inspection reports were generated for each outfall.

Attachment 5 includes digital copies of the inspection form, photolog, and photo location map for each *Clear* outfall. Based on the observed conditions at *Clear* outfalls, no additional follow-up is required at this time.

Should you have any questions regarding the outfall inspection results presented in this report, please contact me at (703) 870-7000 or by email at mkuker@gky.com.

Sincerely,

GKY & Associates, Inc.

Maxwell E. Kuker
Water Resources Project Manager

Electronic Enclosures:

Attachment 1. Permit 4/Year 5 (FY2023) Dry Weather Field Screening Results Table
(Excel and PDF)

Attachment 2. Permit 4/Year 5 (FY2023) Inspection Reports for Outfalls Categorized
as *Illicit* (PDF)

Attachment 3. Permit 4/Year 5 (FY2023) Inspection Reports for Outfalls Categorized
as *Suspect – Investigate* (PDF)

Attachment 4. Permit 4/Year 5 (FY2023) Inspection Reports for Outfalls Categorized
as *Suspect – Monitor* (PDF)

Attachment 5. Permit 4/Year 5 (FY2023) Inspection Reports for Outfalls Categorized as
Clear (PDF)

Permit 4/Year 5 (FY2023) Dry Weather Screening Results
August 30, 2023

Attachment 1

Permit 4/Year 5 (FY2023) Dry Weather Field Screening Results Table

Permit 4/Year 5 (FY2023) Loudoun County IDDE Dry Weather Screening Summary

FCTID	SCREENING DATE	FLOW?	SAMPLES COLLECTED?	PARAMETERS FAILED	INVESTIGATION OUTCOME	SOURCE	RECOMMENDED FOLLOW-UP	COMMENTS
AB1236	6/5/2023	No	No	N/A	Clear	N/A	None	
AB1260	6/5/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to upstream Node AB1248, which was dry.
AB1509	4/6/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
AB1913	4/6/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
AB1947	4/6/2023	No	No	N/A	Clear	N/A	None	The outfall was submerged. The upstream node AB1946 was dry.
AB2022	3/28/2023	Yes	No	Conductivity, Chlorine, Potassium	Clear	Unknown	None	Flow was observed at the outfall and traced to upstream Node AB2018. Source could not be determined. 7 Car Wash and Valvoline Instant Oil Change (they share the same address), 21680 Thomas Jefferson Dr., Sterling, VA 20164. were closest to upstream Node (AB2018) that was sampled from. Based on the laboratory testing results and "Illicit Discharge Detection and Elimination: A Guidance Manual", the flow is likely from a natural water source.
AB3099	4/12/2023	No	No	N/A	Clear	N/A	None	
AB3325	4/26/2023	No	No	N/A	Clear	N/A	None	The outfall was partially buried and flow could not be determined. Upstream Node AB3311 was screened and was dry.
AB517	6/1/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
AB632	6/1/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to upstream Node AB603, which was wet but not flowing.
AB727	6/1/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water was observed until upstream Node AB336, which was dry.
AB924	6/5/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to upstream node AB915 which was wet but not flowing.
AJ1079	5/25/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to upstream Node AJ1020, which was dry.
AJ1187	5/25/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to upstream Node AJ1192, which was wet but not flowing.
AJ1227	5/25/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water was observed until upstream Node AJ1221, which was wet but not flowing and upstream Node AJ1245, which was dry.
AJ2436	4/5/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water observed in AJ2432. All inflows to the pond, AJ2319, AJ2320, AJ2321, AJ2356, AJ2357, AJ2575, and AJ2578 were dry.
AJ2487	4/5/2023	Yes	No	N/A	Clear	Groundwater	None	The outfall was partially submerged, but flow was observed in the first upstream Node AJ2486. The flow was traced to upstream Node AJ2471, which was dry.
AJ26	3/28/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
AJ2787	5/17/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
AJ2956	4/25/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged due to sediment accumulation. Trees observed growing adjacent to the outfall. Upstream Node AJ3368 was screened and was dry.
AJ3274	4/26/2023	No	No	N/A	Clear	N/A	None	
AJ3367	4/25/2023	No	No	N/A	Clear	N/A	None	
AJ3379	6/8/2023	No	No	N/A	Clear	N/A	None	The outfall could not be found so the first upstream node AJ3935, was screened. Pondered water was observed until upstream Node AJ3934, which was dry.
AJ4230	4/25/2023	Yes	No	N/A	Clear	Groundwater	None	The outfall was partially submerged. Pondered water was observed until upstream Node AJ3985, which was dry. Flow was observed in upstream Node AJ3990 and traced to upstream Node GC1118, which was dry.
AJ4237	4/25/2023	No	No	N/A	Clear	N/A	None	
AJ601	6/5/2023	No	No	N/A	Clear	N/A	None	
AJ856	4/4/2023	Yes	Yes	Temp	Clear	Landscaper	None	The outfall was partially submerged. A very small amount of flow was observed in upstream Node The flow was traced to upstream Node AJ2471, which was dry. AJ740 and was traced to upstream Node AJ775. The flow appeared to be irrigation runoff from Rossen Landscaping.
AJ867	4/4/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. The first upstream node (AJ866) is the control structure of XXAJ857 which was also partially submerged. Pondered water was observed until upstream Node ME2590, which was dry and upstream Node ME2600, which was wet but not flowing.
AJ911	4/4/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced outside the mapped Nodes within the drainage area to DP0075. The two unmapped inflows to DP0075 were screened. The first was wet but not flowing, the other was dry.
AJ940	4/4/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced AJ938. The inflow to AJ938 was partially submerged, so the next upstream Node AJ927, was screened and was dry.
AJ942	4/4/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to BC63. Both the pond inflows, DK30236 and DK30237, were screened and were dry. Trash and Cattails were observed adjacent to Inflows DK30236 and DK30237
AJ972	4/6/2023	Yes	No	N/A	Clear	Groundwater	None	The flow observed at the outfall was traced to a BMP pond BC59. The inflow to this pond, AJ1384, was partially submerged. Pondered water was observed until upstream Node AJ1388, which was wet but not flowing.
CH10565	5/16/2023	No	No	N/A	Clear	N/A	None	
CH1114	6/5/2023	No	No	N/A	Clear	N/A	None	
CH11325	5/16/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water was observed until upstream Nodes WB20091, WB11719, WB20084, which were dry. Pondered water was also observed until upstream node WB11760, which was wet but not flowing.
CH11360	5/16/2023	No	No	N/A	Clear	N/A	None	
CH1919	6/5/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to upstream Node CH1909 which was wet but not flowing.
CH1950	6/1/2023	Yes	Yes	N/A	Clear	Unknown	None	The outfall was partially submerged. Flow was traced to an unmapped PVC pipe coming into upstream Node CH1394.
CH1994	4/6/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to upstream Node CH1992, which was wet but not flowing, and upstream Node CH1991, which was dry. Upstream Node CH1993 was not found.
CH2386	3/28/2023	No	No	N/A	Clear	N/A	None	
CH3360	6/5/2023	No	No	N/A	Clear	N/A	None	
CH3452	4/10/2023	No	No	N/A	Clear	N/A	None	
CH3521	4/10/2023	No	No	N/A	Clear	N/A	None	
CH3718	4/10/2023	No	No	N/A	Clear	N/A	None	
CH3786	3/28/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water was observed until upstream Node CH3784, which was dry.
CH4113	4/10/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to upstream Node ME1887. Upstream Node ME1886 could not be screened due to traffic. Upstream Nodes ME1858, ME1862, and ME1863 were all dry.
CH4293	3/28/2023	No	No	N/A	Clear	N/A	None	The outfall was completely submerged. Pondered water was observed until upstream Nodes CH4295, which was wet but not flowing, and CH4300, which was dry.
CH4383	4/27/2023	No	No	N/A	Clear	N/A	None	
CH4393	3/28/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water was observed until upstream Node CH4390, which was dry.
CH4683	4/4/2023	Yes	No	N/A	Clear	BMP	None	The flow was traced to CH4648. Inflow CH4681 was screened and was dry.
CH478_c	6/5/2023	Yes	No	N/A	Clear	Groundwater	None	The final flow was traced to upstream Node CH481, which was dry.
CH4864_a	6/1/2023	Yes	No	N/A	Clear	Groundwater	None	Flow was traced to multiple sources. For additional source information, refer to report CH4864_b. The flow was traced to upstream Node CH4932, which split and was traced to upstream Nodes CH4935 and CH4961. Upstream Node CH4935 was wet but not flowing.
CH4864_b	6/1/2023	Yes	No	N/A	Clear	Groundwater	None	Flow was traced to multiple sources. For additional source information, refer to report CH4864_a. The flow was traced to upstream Node CH4932, which split and was traced to upstream Nodes CH4935 and CH4961. Upstream Node CH4961 was dry.
CH5708	6/1/2023	No	No	N/A	Clear	N/A	None	The outfall was not found. Upstream Node CH5707 was screened and was dry.
CH5836	6/1/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
CH5950	5/25/2023	No	No	N/A	Clear	N/A	None	
CH6126	4/6/2023	No	No	N/A	Clear	N/A	None	Overgrown vegetation observed adjacent to the outfall.
CH6272	4/6/2023	No	No	N/A	Clear	N/A	None	The outfall is a blind underground connection and could not be found. The first upstream Node CH6271, was screened and was wet but not flowing.
CH6361	6/1/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water was observed until upstream Node CH6355, in which the upstream pipes were dry.
CH6578	6/1/2023	Yes	No	N/A	Clear	Groundwater	None	The outfall was a blind connection that could not be assessed. Upstream Nodes CH6575 and CH 6573 were wet but not flowing.
CH6808	5/24/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water was observed until upstream Node CH6802, which was wet but not flowing. Standing water from irrigation was observed adjacent to the node.
CH6819	5/24/2023	No	No	N/A	Clear	N/A	None	The outfall was inaccessible due to overgrown vegetation. The first upstream Node CH6812, was screened and was dry.
CH6837	5/12/2023	No	No	N/A	Clear	N/A	None	
CH6867	4/4/2023	No	No	N/A	Clear	N/A	None	
CH7093	4/26/2023	No	No	N/A	Clear	N/A	None	
CH7721	4/4/2023	No	No	N/A	Clear	N/A	None	
CH7942	4/4/2023	No	No	N/A	Clear	N/A	None	
CH8233	4/4/2023	No	No	N/A	Clear	N/A	None	
CH8360	4/4/2023	No	No	N/A	Clear	N/A	None	
CH8574	4/4/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. The first upstream Node CH8573 was screened and was dry.
CH8602	4/4/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
CH9377	5/17/2023	No	No	N/A	Clear	No	None	The outfall was wet but not flowing.
CH9676	5/17/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water was observed until upstream Node CH9674, which was dry.
CP10731	4/10/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water was observed until upstream Nodes CP10406 and CP10388, which were dry.
CP1129	6/8/2023	No	No	N/A	Clear	N/A	None	
CP1174	6/8/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
CP1370	4/27/2023	No	No	N/A	Clear	N/A	None	
CP1372	4/27/2023	No	No	N/A	Clear	N/A	None	

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CP1374	4/27/2023	No	No	N/A	Clear	N/A	None	
CP1481	4/27/2023	No	No	N/A	Clear	N/A	None	Overgrown vegetation observed adjacent to the outfall.
CP1511	4/27/2023	Yes	No	N/A	Clear	Groundwater	None	The outfall was partially submerged. Ponded water was observed until upstream node CP1526 which was dry and upstream node CP1516 where flow was observed. Flow was traced to upstream node CP1515 which was wet but not flowing.
CP2054	4/27/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Ponded water was observed until upstream Node RA1208, which was wet but not flowing.
CP2101	4/27/2023	Yes	No	N/A	Clear	Groundwater	None	Outfall pipe was removed due to construction. The first upstream Node, CP2100, was screened. Flow was observed until upstream Node CP2109, which was dry.
CP2150	4/11/2023	No	No	N/A	Clear	N/A		
CP2209	4/27/2023	No	No	N/A	Clear	N/A	None	Outfall was partially submerged. Overgrown vegetation was observed adjacent to the outfall. The first upstream Node CP2210, was wet but not flowing.
CP2356_a	5/12/2023	Yes	No	N/A	Clear	BMP	None	Overgrown vegetation was observed adjacent to the outfall. Flow was traced to multiple sources. For additional source information, refer to report CP2356_b. Flow was traced to upstream Node CP2354. The flow was observed coming into the Node from both upstream directions. The flow was traced to CW8. The inflows to this pond, CP2318 and CP2344, were both dry.
CP2356_b	5/12/2023	Yes	No	N/A	Clear	BMP	None	Overgrown vegetation was observed adjacent to the outfall. Flow was traced to multiple sources. For additional source information, refer to report CP2356_a. Flow was traced to upstream Node CP2354. The flow was observed coming into the Node from both upstream directions. The flow was traced to BT0079. The inflow to this bioretention, RA2956, was dry.
CP2420	4/4/2023	No	No	N/A	Clear	N/A	None	The outfall was partially buried and flow could not be determined. Upstream Node CP2424 was screened and was dry.
CP2785	5/24/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Ponded water was observed until upstream Node CP2788, which was dry.
CP4508	4/4/2023	No	No	N/A	Clear	N/A	None	
CP7080	4/5/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Ponded water was observed until upstream Node CP7071, which was wet but not flowing.
CP7359	4/26/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Ponded water was observed until upstream Node CP7362, which was dry.
CP7438_a	4/26/2023	Yes	No	N/A	Clear	Irrigation	None	The outfall was partially submerged. Flow was traced to multiple sources. For additional source information, refer to report CP7438_b. Ponded water was observed until upstream Node CP7434, in which flow was observed. The flow split within upstream Node CP7431. Flow was traced to upstream Node RA8515, which was dry. Wet pavement was observed adjacent to RA8515 from lawn irrigation.
CP7438_b	4/26/2023	Yes	No	N/A	Clear	Irrigation	None	The outfall was partially submerged. Flow was traced to multiple sources. For additional source information, refer to report CP7438_a. Ponded water was observed until upstream Node CP7434, in which flow was observed. The flow split within upstream Node CP7431. Flow was traced to an intermittent drip from overland flow in upstream Node CP7395. The flow source was lawn irrigation.
CP747	4/25/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged due to sediment accumulation. Ponded water was observed until upstream Node CP744, which was wet but not flowing.
CP755	4/25/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Ponded water was observed until upstream Nodes CP760 and CP757 which were both dry.
CP762	4/25/2023	No	No	N/A	Clear	N/A	None	The outfall was not found. Upstream Node CP761 was screened and was dry.
CP8162	4/11/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Ponded water was observed until upstream Node CP8159, which was dry.
CP8495	4/10/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. The first upstream Node CP8496 was dry.
CP864	4/25/2023	No	No	N/A	Clear	N/A	None	
CP8742	5/16/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
CP9433	6/5/2023	No	No	N/A	Clear	N/A	None	
CP949	4/25/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
DB1515	6/5/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
DB1588	4/26/2023	No	No	N/A	Clear	N/A	None	
DB162	5/25/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to upstream Node DB146, which was wet but not flowing.
DB1696	6/5/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
DB1757	4/26/2023	No	No	N/A	Clear	N/A	None	
DB2296	5/16/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
DB2338	5/16/2023	No	No	N/A	Clear	N/A	None	
DB2348	5/16/2023	No	No	N/A	Clear	N/A	None	
DB2400	5/16/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
DB2439	6/5/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. The first upstream Node DB2440 was wet but not flowing.
DD34	4/6/2023	No	No	N/A	Clear	N/A	None	
DF175	4/5/2023	Yes	No	N/A	Clear	Groundwater	None	The flow from the outfall was traced to BMP pond AJ2205. The inflows to the pond, AJ2206, AJ2203, AJ2198, and AJ2197, were dry, with the exception of WB31001, which was wet but not flowing.
DF190	5/12/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
DK30235	4/4/2023	No	No	N/A	Clear	N/A	None	The outfall was wet not flowing.
DK30239	4/4/2023	No	No	N/A	Clear	N/A	None	
DW120	4/10/2023	No	No	N/A	Clear	N/A	None	Trees were observed growing adjacent to the outfall and the downstream channel.
DW152	5/17/2023	No	No	N/A	Clear	N/A	None	The outfall is a pipe into a culvert.
DW26	6/1/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
GC1540_a	4/25/2023	Yes	No	N/A	Clear	Groundwater	None	Flow was traced top multiple sources. For additional source information, refer to report GC1540_b. The flow was traced to upstream Node GC1756 which was dry.
GC2555	5/24/2023	No	No	N/A	Clear	N/A	None	
JC1028	4/26/2023	No	No	N/A	Clear	N/A	None	
JC1218	4/26/2023	No	No	N/A	Clear	N/A	None	
JC1220	4/26/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. The first upstream Node JC1219 was dry.
JC1231	4/26/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. The first upstream Node JC1232 was dry.
JC2727	5/12/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. The first upstream Node JC2103 was dry.
JC30075	6/1/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
JC30243	5/17/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to upstream Node CP312, which was wet but not flowing.
JC4127	5/12/2023	No	No	N/A	Clear	N/A	None	Overgrown vegetation observed adjacent to the outfall.
JC4185	5/12/2023	Yes	Yes	Temp	Clear	N/A	None	The outfall was partially submerged. Ponded water was observed until upstream Node JC2530. The flow was traced to an unmapped PVC pipe entering upstream Node JC2336. The flow appeared to be coming from potable water in a water feature at Regal Wood Dr. and Legacy Park Dr.
JC4203	5/16/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
JC4422	5/16/2023	No	No	N/A	Clear	N/A	None	
JC4639	4/12/2023	No	No	N/A	Clear	N/A	None	
JC4640	4/12/2023	No	No	N/A	Clear	N/A	None	
JC4815	5/16/2023	No	No	N/A	Clear	N/A	None	
JC4879	4/12/2023	No	No	N/A	Clear	N/A	None	
JC5833	5/12/2023	No	No	N/A	Clear	N/A	None	
JC6017	5/24/2023	Yes	No	N/A	Clear	Groundwater	None	The outfall was partially submerged. Flow was observed in upstream Node JC5284 and was traced to upstream Node JC5098, which was wet but not flowing.
JC6248	5/17/2023	No	No	N/A	Clear	N/A	None	The outfall is wet but not flowing.
JC6550	4/25/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Ponded water was observed until upstream Nodes JC6542 and JC6540, both of which were wet but not flowing.
KT10099	5/16/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to upstream Node KT10117, which was dry.
KT10191_a	4/27/2023	Yes	No	N/A	Clear	Groundwater	None	Outfall could not be found, so the first upstream Node, KT10190, was screened. Flow was traced to multiple sources. For additional source information, refer to report KT10191_b. The flow was traced to upstream Node KT10180, where it split. The first flow was traced to upstream Node KT10174, which was dry.
KT10191_b	4/27/2023	Yes	No	N/A	Clear	Groundwater	None	Outfall could not be found, so the first upstream node, KT10190, was screened. Flow was traced to multiple sources. For additional source information, refer to report KT10191_a. Flow was traced to upstream Node KT10180, where it split. The second flow was traced to upstream Node KT10179, which was dry.
KT10197	4/27/2023	No	No	N/A	Clear	N/A	None	Overgrown vegetation observed adjacent to the outfall.
KW353	3/28/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Ponded water was observed until upstream Nodes CH4244 and CH4247, which were dry.
KW40	4/6/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. The first upstream Node AB1804 was wet but not flowing.
MD178	5/25/2023	Yes	No	N/A	Clear	Irrigation	None	The flow was traced to irrigation flowing overland into upstream Node MD180.
MD1911	6/8/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Ponded water was observed until upstream Node MD1808, which was dry. Poned water was observed in BMP pond MD1811. All inflows were dry except MD1810, which was partially submerged. Upstream Nodes MD1895, MD1893, MD1891, MD1890, MD1887, MD1853, and MD1856 were all dry.
MD1929	5/17/2023	No	No	N/A	Clear	N/A	None	
MD1993	4/11/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.

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MD225	4/11/2023	No	No	N/A	Clear	N/A	None	Overgrown vegetation observed adjacent to the outfall.
MD231	4/11/2023	No	No	N/A	Clear	N/A	None	
MD232	5/25/2023	Yes	No	N/A	Clear	Groundwater	None	The outfall was partially submerged due to sediment accumulation. Trees and other woody vegetation growing adjacent to the outfall. The flow was traced to upstream Node AJ1532, which was wet but not flowing. Pondered water was observed until upstream Node RA5953, which was dry.
MD2612	4/10/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
MD2626	4/10/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing. Trees were observed growing adjacent to the outfall.
MD2708	4/5/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
MD3098	5/17/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. The first upstream Node JC2103 was dry. Pondered water was observed until upstream Node MD3096, which was wet but not flowing.
MD3166	5/17/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water was observed until upstream Node MD3168, which was wet but not flowing.
MD3374	4/11/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. The first upstream Node MD3381 was wet but not flowing.
MD3375	4/11/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
MD3407	4/11/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
MD3420	4/11/2023	No	No	N/A	Clear	N/A	None	
MD3452	4/5/2023	Yes	No	N/A	Clear	Groundwater	None	The outfall and upstream Nodes MD3451 and WB30460, were partially submerged. Pondered water was observed until upstream Node MD3449, where flow was observed. The flow was traced to upstream Node MD3462, which was dry.
MD3510	4/5/2023	No	No	N/A	Clear	Groundwater	None	The outfall was partially submerged. Pondered water observed in MD3509. The inflow to the pond MD3507 was dry.
MD3517	4/11/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
MD3527	4/11/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water was observed until upstream Node MD3526, which was dry.
MD3562	4/11/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water was observed until upstream Node MD3557, which was dry.
MD3567	4/11/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged due to sediment accumulation. Pondered water was observed until upstream Node MD3596, which was dry.
MD3675_b	5/17/2023	Yes	No	N/A	Clear	Groundwater	None	Flow was traced to multiple sources. For additional source information, refer to report MD3675_a. The second flow traced to upstream Node MD3606, which was wet but not flowing.
MD508	5/25/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to upstream Node DB134, which was dry, and DB106 the inflows to which, DB116 and DB117, were dry.
ME1804	4/10/2023	Yes	No	N/A	Clear	BMP	None	The flow was traced to ME1802. The inflows of the pond, ME1805 and KW342, were screened and were dry. Sediment and debris were observed inside and downstream of Node KW342.
ME2500	3/28/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged and blocked. The first upstream Node ME2504, was wet but not flowing.
ME2741	4/6/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. The first upstream Node ME2742 was screened and was dry.
ME3859	4/26/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water was observed until upstream Node ME3857, which was dry.
ME3941	4/12/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water was observed until upstream Node ME3949, which was wet but not flowing.
ME3988	4/12/2023	Yes	No	N/A	Clear	Groundwater	None	The outfall was partially submerged. Pondered water was observed until upstream Node ME3986, which was flowing. The flow was traced to upstream Node ME3996, which was dry.
ME4068	6/5/2023	No	No	N/A	Clear	N/A	None	
ME4699	4/12/2023	No	No	N/A	Clear	N/A	None	The outfall pipe was dry, but groundwater was seeping through a joint between the end of the apron and the concrete channel.
ME5080	4/27/2023	No	No	N/A	Clear	N/A	None	
ME5269	4/27/2023	No	No	N/A	Clear	N/A	None	
ME5630	6/5/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
ME5650	5/12/2023	No	No	N/A	Clear	N/A	None	
RA1086	4/12/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water was observed until upstream Node RA1087, which was dry.
RA1183	4/11/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water was observed until upstream Node RA1185, which was dry.
RA1631	4/26/2023	No	No	N/A	Clear	N/A	None	The outfall was not found. Upstream Node RA1630 was screened and was dry.
RA5882	4/11/2023	No	No	N/A	Clear	N/A	None	
RA6242	5/24/2023	Yes	No	N/A	Clear	N/A	None	The outfall was not found so the first upstream Node, RA6243, was screened and was pondered. Pondered water was observed until upstream Node RA6244, where flow was observed. The flow was traced to upstream Node RA6268 and was groundwater seepage from the walls of the structure.
RC58	5/16/2023	No	No	N/A	Clear	N/A	None	
RJ0052	4/27/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
SR523_a	4/10/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to multiple sources. For additional source information, refer to SR523_b. The flow was traced to upstream Node SR451, where flow was observed from two directions. One flow was traced to upstream Node SR452, which was wet but not flowing.
SR523_b	4/10/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to multiple sources. For additional source information, refer to SR523_a. The flow was traced to upstream Node SR451, where flow was observed from two directions. The other flow was traced to upstream Node SR449, which was dry.
SR524	4/10/2023	No	No	N/A	Clear	N/A	None	
SR739	4/10/2023	Yes	No	N/A	Clear	Groundwater	None	The outfall was partially submerged. Pondered water was observed until Node SR734. Upstream Node SR734 had groundwater flowing from a crack in the endwall into the pipe. Upstream Node SR732 was dry.
SR740	4/10/2023	No	No	N/A	Clear	N/A	None	
WB12680	4/25/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to upstream Node RJ0108. The upstream pipe in this node was dry, groundwater was seeping in from underneath the pipe.
WB1788	5/24/2023	No	No	N/A	Clear	N/A	None	
WB277	4/11/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water was observed until upstream Node WB278, which was dry.
WB30275	4/6/2023	No	No	N/A	Clear	N/A	None	
WB30276	4/6/2023	No	No	N/A	Clear	N/A	None	
WB30282	5/16/2023	No	No	N/A	Clear	N/A	None	
WB30300	5/24/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water was observed until upstream Node WB20116, which was wet but not flowing.
WB30302	5/24/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. The first upstream Node WB11892, was wet but not flowing.
WB30332	4/12/2023	Yes	No	N/A	Clear	BMP	None	The flow was traced to WB50057. The inflows to this pond, WB30330, WB30331, WB30329, and WB30327, were all screened and were either dry or wet but not flowing, with the exception of WB30328, which was flowing. We traced the flow to upstream Node WB20480, which was wet but not flowing.
WB30392	4/10/2023	Yes	No	N/A	Clear	BMP	None	The outfall was partially submerged. Pondered water was observed until upstream Nodes WB30388, WB12337, WB12336, and WB12364, which were dry.
WB30423	4/25/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to upstream Node WB12639, which was wet but not flowing.
WB30459	4/5/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water was observed until upstream Node WB12876.
WB30466	4/5/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water observed until the last upstream Node WB12899, which was wet but not flowing.
WB30467	4/5/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Pondered water observed until the final upstream Node WB12900, which was dry.
WB30468	4/5/2023	No	No	N/A	Clear	N/A	None	
WB533	5/25/2023	No	No	N/A	Clear	N/A	None	The outfall was not found. Pondered water was observed in the first upstream Node WB530. The next upstream Node WB528 was dry.
WJ1084	4/26/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to upstream Node WJ1080, which was dry.
WJ124	4/25/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. The first upstream Node WJ121 was dry.
WJ1530	5/12/2023	No	No	N/A	Clear	N/A	None	
WJ1678	5/24/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
WJ1771	5/24/2023	No	No	N/A	Clear	N/A	None	The outfall was not found. Pondered water was observed until upstream Node WJ1768, which was dry.
WJ2157_a	5/24/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to multiple sources. For additional source information, refer to report WJ2157_b. The flow was observed until upstream Node WJ2152, which was dry.
WJ226	4/25/2023	No	No	N/A	Clear	N/A	None	Overgrown vegetation observed adjacent to the outfall.
WJ301	4/25/2023	No	No	N/A	Clear	N/A	None	The outfall was partially buried and flow could not be determined. The first upstream Node WJ300 was screened and was dry.
WJ435	4/12/2023	No	No	N/A	Clear	N/A	None	
WJ843	4/26/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. The first upstream Node WJ842 was dry.
WJ973	5/12/2023	Yes	No	N/A	Clear	Groundwater	None	The flow was traced to upstream Node WJ1037, which was dry.
WP3530	4/5/2023	No	No	N/A	Clear	N/A	None	
WP3538	5/17/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
WP3539	5/17/2023	No	No	N/A	Clear	N/A	None	
WP3563	4/25/2023	No	No	N/A	Clear	N/A	None	
WP3569	4/12/2023	No	No	N/A	Clear	N/A	None	The outfall could not be accessed to be fully screened. The first upstream Node WP1543 was screened and was dry.
WP3570	4/12/2023	No	No	N/A	Clear	N/A	None	The outfall could not be accessed to be fully screened. The first upstream Node WP1541 was screened and was dry.
WP3571	4/12/2023	No	No	N/A	Clear	N/A	None	The outfall could not be accessed to be fully screened. The first upstream Node WP1604, was screened and pondered water was observed. Pondered water was observed until upstream Node WP3110, which was dry.

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WP3573	4/12/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Ponded water was observed until upstream Nodes WP1550 and WP3108, which were dry.
WP3574	4/12/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Ponded water was observed until upstream Node WP1611, which was dry.
WP3592	6/5/2023	Yes	No	N/A	Clear	Groundwater	None	The outfall could not be found so the first upstream Node WP3162 was screened. The flow was traced to upstream Node WP1906, which was wet but not flowing.
WP3631	4/25/2023	No	No	N/A	Clear	N/A	None	The outfall was partially submerged. Ponded water was observed until upstream Nide WP2301, which was wet but not flowing.
WP3685	4/4/2023	No	No	N/A	Clear	N/A	None	
WP3692	4/4/2023	Yes	No	N/A	Clear	BMP	None	The flow was traced to DF165. The inflow to this facility WP3320 was screened and was wet but not flowing.
WP3693	4/4/2023	No	No	N/A	Clear	N/A	None	The outfall was wet but not flowing.
AB3403	4/27/2023	Yes	Yes	Temp, Chlorine	Illicit	Data Center	Investigate	The outfall could not be accessed to be fully screened so upstream Node JC3488 was screened and ponded water was observed. Ponded water was observed until upstream Node JC3487, where flow was observed coming from an unmapped PVC pipe.
AB921	6/5/2023	Yes	Yes	Temp, Chlorine	Illicit	Unknown	Investigate	The flow was traced to upstream Node AB918. An unmapped PVC pipe was flowing overland into the node. The PVC pipe appeared to originate from the Trump National Golf Club Tennis Courts and was deemed illicit due to failed test results
AJ2270	4/5/2023	Yes	Yes	Temp, Turbidity, Chlorine	Illicit	Unknown	Investigation	The outfall was partially submerged. Ponded water was observed until upstream Node AJ2272, which was flowing. The flow was traced to upstream Node WB12916, where a pool of water was flowing into the structure. The source of this pool was not confirmed. The flow may have been from one of a couple of nearby active construction sites. We were unable to collect lab samples because the flow ceased while running field tests.
CH478_a	6/5/2023	Yes	Yes	Temp, Chlorine	Illicit	Irrigation	Investigate	Flow was traced to multiple sources. For additional source information, refer to reports CH478_b and CH478_c. The first flow was traced to a broken irrigation pump flowing overland into upstream Node CH514 at the Lowes Island Community Center, 47620 Saulty Dr., Sterling, VA, 20165. The outfall was deemed illicit despite irrigation being the apparent source based on the high chlorine result.
CH6256	7/25/2023	Yes	Yes	Temp, Ammonia, Chlorine	Illicit	Restaurant	Investigate	The outfall was a blind that could not be assessed. Upstream Node CH6244 was wet, but not flowing. Flow was observed in upstream Node CH6245 and was traced to upstream Node KW67. An unmapped PVC pipe was observed flowing into KW67 from the direction of Mission BBQ 45979 Denizen Plaza, Sterling, VA 20165. Field samples as well as laboratory samples were collected from the unmapped PVC pipe.
CP1478_b	4/27/2023	Yes	Yes	Ammonia	Illicit	Data Center	Investigate	The flow from the outfall was traced to an unmapped HDPE pipe in upstream Node CP1471.
JC1519	5/24/2023	Yes	Yes	Temp, Conductivity, Chlorine	Illicit	Pool	Investigate	The final upstream Node JC1521, was not found. The flow was sampled from upstream Node JC1520.
MD3190_a	7/25/2023	Yes	Yes	Temp, Turbidity, Chlorine	Illicit	Data Center	Enforcement	The outfall was partially submerged. Flow was traced to multiple sources. For additional source information, refer to report MD3190_b. Flow was observed in upstream Node MD3193. The flow was traced to overland flow entering upstream Node MD3195 from a crew cleaning the cooling tower above and adjacent to the node. The facility prohibited photos from being taken onsite.
WB30314	5/16/2023	Yes	Yes	Temp, Conductivity, Chlorine	Illicit	Pool	Investigate	The outfall was partially submerged. The flow was traced to upstream Node CH11099, which was wet, but not flowing. Flow was also traced to upstream Node CH11104, but that structure was buried under river stone. The sample was collected from upstream Node CH11103.
AB3404	4/27/2023	No	No	N/A	Suspect - Investigate	N/A	None	The outfall could not be accessed to be fully screened so upstream Node JC3047 was screened and ponded water was observed. No further upstream nodes were mapped or found.
AB3406_a	4/27/2023	Yes	No	N/A	Suspect - Investigate	Data Center	Investigate	The outfall could not be accessed to be fully screened, so upstream Node JC3046 was screened, and ponded water was observed. Flow was observed at upstream Node JC3052 and was traced to an unmapped PVC pipe on the eastern side upstream Node JC3073. There was insufficient flow to sample.
AB3406_b	4/27/2023	Yes	No	N/A	Suspect - Investigate	Data Center	Investigate	The outfall could not be accessed to be fully screened, so upstream Node JC3046 was screened, and ponded water was observed. Flow was observed at upstream Node JC3052 and was traced to an unmapped PVC pipe on the western side of upstream Node JC3073. There was insufficient flow to sample.
CH478_b	6/5/2023	Yes	No	N/A	Suspect - Investigate	Pool	Investigate	Flow was traced to multiple sources. For additional source information, refer to reports CH478_a and CH478_c. Flow was also traced to an unmapped PVC pipe in upstream Node CH488. The PVC pipe originated from the direction of Lowes Island Community Center. Upstream Nodes CH485 and CH488 were unable to be opened. A sample was not able to be taken before the flow merged with another.
CH6801_a	5/24/2023	Yes	No	N/A	Suspect - Investigate	Unknown	Investigate	The outfall was partially submerged. Flow was traced to multiple sources. For additional source information, refer to report CH6801_b. The flow was first traced to an unmapped PVC pipe coming from 20116 Ashbrook place, Ashburn, VA 20147 in upstream node CH6787. There was insufficient to sample.
CH6801_b	5/24/2023	Yes	No	N/A	Suspect - Investigate	Unknown	Investigate	The outfall was partially submerged. Flow was traced to multiple sources. For additional source information, refer to report CH6801_a. Flow was observed coming from an unmapped HDPE pipe coming from 20116 Ashbrook place, Ashburn, VA 20147 in upstream node CH6791. The flow was insufficient to sample.
CP1478_a	4/27/2023	Yes	No	N/A	Suspect - Investigate	Data Center	Investigate	The flow from was traced to an unmapped HDPE pipe, in an unmapped Node, upstream of Node CP1471. There was insufficient flow to sample.
GC1540_b	4/25/2023	Yes	No	N/A	Suspect - Investigate	Unknown	Investigate	Flow was traced top multiple sources. For additional source information, refer to report GC1540_a. The flow traced to upstream Node GC1754, in which, an unmapped PVC pipe was dripping intermittently. There was insufficient flow to sample.
JC30050	4/25/2023	Yes	No	N/A	Suspect - Investigate	Unknown	Investigate	The outfall was partially submerged. Flow was observed in upstream Node JC20039 and traced to an intermittent drip from an unmapped PVC pipe in upstream Node WB20034. There was insufficient flow to sample.
MD130	5/25/2023	Yes	No	N/A	Suspect - Investigate	Unknown	Investigate	The flow was traced to an unmapped PVC pipe in upstream Node MD136 coming from 21355 Ridgetop Cir., Sterling, VA, 20166 and was insufficient to sample. Flow was also traced to upstream Node MD145 which was dry.
MD1366	5/24/2023	Yes	No	N/A	Suspect - Investigate	Unknown	Investigate	The outfall was partially submerged. Ponded water was observed until upstream Nodes MD1368, which was dry and MD1426, where flow was observed. Flow was observed at upstream node MD1427 and was insufficient to sample.
MD1687	4/11/2023	No	No	N/A	Suspect - Investigate	N/A	None	The outfall was partially submerged. The first upstream Node MD1686, was wet but not flowing. An oily sheen was observed in the standing water and automotive parts were observed adjacent to the outfall.
MD3190_b	7/25/2023	Yes	Yes	Temp, Ammonia	Suspect - Investigate	Data Center	Investigate	The outfall was partially submerged. Flow was traced to multiple sources. For additional source information, refer to report MD3190_a. Flow was observed in upstream Node MD3199. The flow was traced to an unmapped pipe, in upstream Node MD3205, flowing from the direction of the Stack Infrastructure Data Center, 22080 Pacific Blvd, Sterling, VA 20166. The facility prohibited photos from being taken onsite.
MD3675_a	5/17/2023	Yes	No	N/A	Suspect - Investigate	Restaurant	Investigate	Flow was traced to multiple sources. For additional source information, refer to report MD3675_b. The first flow was traced to an unmapped PVC pipe in upstream Node WB12127, and appeared to be coming from Potbelly, 22035 Dulles Retail Plaza Ste. 100, Dulles, VA, 20166. There was insufficient flow to sample.
MD4140	5/17/2023	Yes	No	N/A	Suspect - Investigate	Gas Station	Investigate	The outfall was partially submerged. Ponded water was observed until upstream Nodes AJ3147, which was wet but not flowing, and AJ3559, which was dry. An intermittent drip was observed in upstream Node AJ3760, which had an unmapped PVC pipe coming from the Sheetz gas pump area.
ME1774	5/12/2023	Yes	No	N/A	Suspect - Investigate	Furniture Store	Investigate	The flow was traced to an unmapped PVC pipe, flowing into upstream Node ME1726, and appeared to be from Haworth, Inc. (22860 International Dr. Sterling, VA 20166). There was insufficient flow to sample.
WB691	5/25/2023	Yes	No	N/A	Suspect - Investigate	Unknown	None	The outfall was partially submerged. The flow was observed in the first upstream Node WB692. Flow was traced to an unmapped PVC pipe coming into upstream Node WB693 from 2 Pigeon Hill Dr, Sterling, VA 20165. The closest business in the building was Clinical Diagnostic Laboratories. The flow was insufficient to sample.
WP3572	4/12/2023	Yes	Yes	pH	Suspect - Investigate	Data Center	Investigate	The outfall could not be accessed to be fully screened. Ponded water was observed until DF119. All of the inflows to this pond were partially submerged. Upstream Nodes of inflows ME5217 and RA1101 were screened. Upstream Node RA1105 was dry. Upstream Nodes ME4618 and ME5213 were wet but not flowing. The remaining inflows, RA1086, WP3574, and WP3573, were screened separately as outfalls. There also was a discharging unmapped PVC pipe observed flowing into DF119. See emails from 04/12 for further details on the source.
AB1986	4/6/2023	No	No	N/A	Suspect - Monitor	N/A	Monitor	The outfall was not found and is likely buried under debris. Excess trash and debris were observed adjacent to the outfall. The upstream Node AB1984 was screened and was dry.
AB3522	5/12/2023	Yes	Yes	Temp, Conductivity	Suspect - Monitor	Pool	Investigate	The outfall was partially submerged. Overgrown vegetation was observed adjacent to the outfall. Flow was observed in upstream Node AB3521 and was traced to upstream Node AB3525, where a sample was collected. This outfall was deemed Suspect - Monitor based on best professional judgement. Previous County investigation has been conducted. Refer to previous investigation results for outcome.
CH1742	4/6/2023	Yes	No	N/A	Suspect - Monitor	Unknown	Monitor	The outfall was partially submerged. The flow was observed in the first upstream Node CH1741, and traced to upstream Node CH1758, which was dry. Upstream Node CH1738 was inaccessible. A sample was attempted to be taken from upstream Node CH1739. There was insufficient flow to sample.
CH1952	6/1/2023	Yes	No	N/A	Suspect - Monitor	Residential Car Washing	None	The outfall was partially submerged. The flow was observed at upstream Node CH1958 and was traced to upstream Node CH1967 where water was flowing overland into the inlet. The flow entering upstream Node CH1967 was residual from someone washing their car in the parking lot. We did not arrive in time for the flow to be sufficient to sample.
CP10203	5/25/2023	Yes	No	N/A	Suspect - Monitor	Pool	Investigate	The outfall was submerged. Flow was observed at the upstream node. Flow was traced to an unmapped PVC pipe entering CP10220 coming from the direction of 21258 Windmill Parc Dr, Dulles, VA 20166.
ME1486	4/10/2023	Yes	No	N/A	Suspect - Monitor	Unknown	Monitor	The flow was traced to upstream Node ME1481, which was wet but not flowing. At the ME1481, a water trail was observed coming from a landscaping facility adjacent to the Node (A Cut Above).
WB661	4/6/2023	Yes	Yes	Temp	Suspect - Monitor	N/A	None	The outfall is a blind connection, upstream Node WB658 was screened. The flow was observed from a unmapped PVC pipe coming from direction of Agni Indian cuisine (46005 Regal plaza suite 140, Sterling, VA. 20165) and Pizza Twist (46005 Regal plaza suite 130, Sterling, VA 20165).
WJ2091	5/24/2023	Yes	No	N/A	Suspect - Monitor	Groundwater	Monitor	The outfall was partially submerged and milky-white water was observed at the outfall. The flow was observed in the first upstream Node WJ2090, and was traced to upstream Node WB13729 which was wet but not flowing.
WJ2157_b	5/24/2023	Yes	No	N/A	Suspect - Monitor	Residential	Monitor	The flow was traced to multiple sources. For additional source information, refer to report WJ2157_a. The flow was traced to upstream Node WJ2158, where two unmapped PVC pipes were dripping intermittently. One pipe appeared to come from 19360 Magnolia Grove Sq., Leesburg, VA 20176, the other from the fountain in front of the building.

Permit 4/Year 5 (FY2023) Dry Weather Screening Results
August 30, 2023

Attachment 2

Permit 4/Year 5 (FY2023) Inspection Reports for Outfalls Categorized as

Illicit

Permit 4/Year 5 (FY2023) Dry Weather Screening Results
August 30, 2023

Attachment 3

Permit 4/Year 5 (FY2023) Inspection Reports for Outfalls Categorized as

Suspect – Investigate

Permit 4/Year 5 (FY2023) Dry Weather Screening Results
August 30, 2023

Attachment 4

Permit 4/Year 5 (FY2023) Inspection Reports for Outfalls Categorized as

Suspect – Monitor

Permit 4/Year 5 (FY2023) Dry Weather Screening Results
August 30, 2023

Attachment 5

Permit 4/Year 5 (FY2023) Inspection Reports for Outfalls Categorized as

Clear

Appendix F

IDDE

Outfall ID	LEx ID	Status	Source of Illicit Discharge	Date Discharge Observed	Date Discharge Reported	Method of Discovery	Investigation Resolution	Follow-up Activities	Date Investigation Closed
25284 Pleasant Valley Rd	13332363	Closed	Washwater	2/13/2023	2/13/2023	County Staff	Source Eliminated	None	6/23/2023
44910 Broadview Drive	13927974	Open	Pool Water	6/19/2023	6/20/2023	Resident Email	Ongoing	Issue additional NOV(s) per SOP	N/A
45120 Waxpool Rd	12488753	Closed	Dumping - Sediment	8/15/2022	8/15/2022	LEx	No Action Required	Direct to Relevant Municipality	8/26/2022
45795 Optics Plaza	13746297	Closed	HVAC Condensate - Commercial	5/17/2023	5/19/2023	Resident Email	Isolated Incident	None	6/1/2023
80 Ida Lee Dr NW	12808258	Closed	Pool Water	10/18/2022	10/19/2022	LEx	Allowable Discharge	None	11/30/2022
91 Lawson Rd SE	13799662	Closed	Sewage	5/31/2023	5/31/2023	Resident Email	None	Direct to Relevant Municipality	6/2/2023
AB1597	13302094	Closed	Pool Water	2/8/2023	2/8/2023	County Staff	Isolated Incident	None	2/17/2023
AB1612	13301994	Closed	Grease Bin	2/8/2023	2/8/2023	County Staff	Source Eliminated	None	6/9/2023
AB921	13836339	Closed	Pool Water	6/5/2023	6/5/2023	Dry Weather Screening	Allowable Discharge	None	6/30/2023
AJ3379	12399296	Closed	Dumping - Unknown Material	7/27/2022	7/27/2022	County Staff	Allowable Discharge	None	8/16/2022
AJ3379	12620067	Closed	Construction Activities	7/29/2022	7/29/2022	County Staff	Source Eliminated	Include in next year's Dry Weather Screening	10/6/2022
AJ3379	13883913	Closed	Construction Activities	6/8/2023	6/8/2023	Dry Weather Screening	None	None	6/23/2023

Loudoun County
Annual Report (VAR040067)

Outfall ID	LEx ID	Status	Source of Illicit Discharge	Date Discharge Observed	Date Discharge Reported	Method of Discovery	Investigation Resolution	Follow-up Activities	Date Investigation Closed
AJ640	13593249	Closed	Grease Bin	4/21/2023	4/21/2023	County Staff	Source Eliminated	None	6/30/2023
AJ644	13391120	Closed	Grease Bin	3/1/2023	3/2/2023	County Staff	Isolated Incident	None	3/9/2023
AJ646	13593510	Closed	Sewage	4/19/2023	4/19/2023	County Staff	Source Eliminated	None	6/30/2023
AJ842	12512500	Closed	Dumping - Unknown Material	7/12/2022	8/10/2022	County Staff	Source Eliminated	Include in next year's Dry Weather Screening	12/14/2022
CH1562	13677465	Closed	Pool Water	5/8/2023	5/8/2023	LEx	Allowable Discharge	None	5/16/2023
CH2657	13939593	Closed	Sewage	6/19/2023	6/21/2023	County Staff	No Action Required	None	6/30/2023
CH3077	13940712	Closed	Dumping - Unknown Material	6/14/2023	6/14/2023	County Staff	None	Direct to Relevant Municipality	6/29/2023
CH3677	13338873	Closed	Washwater	2/20/2023	2/20/2023	Resident Email	No Action Required	None	3/15/2023
CH488	13836051	Closed	Pool Water	6/5/2023	6/5/2023	Dry Weather Screening	Allowable Discharge	None	7/31/2023
CH514	13836185	Closed	Irrigation - Residential	6/5/2023	6/5/2023	Dry Weather Screening	Source Eliminated	None	7/31/2023
CH6326	13455876	Closed	Washwater	3/6/2023	3/15/2023	County Staff	Isolated Incident	Public Education	4/24/2023
CH6466	13456223	Closed	Grease Bin	3/6/2023	3/15/2023	County Staff	Isolated Incident	Public Education	4/24/2023
CP10203	12752122	Closed	Not Applicable	6/1/2022	8/31/2022	Dry Weather Screening	No Action Required	Include in next year's DWS	10/6/2022

Loudoun County
Annual Report (VAR040067)

Outfall ID	LEx ID	Status	Source of Illicit Discharge	Date Discharge Observed	Date Discharge Reported	Method of Discovery	Investigation Resolution	Follow-up Activities	Date Investigation Closed
CP877	12692709	Closed	None	8/29/2022	8/29/2022	County Staff	Allowable Discharge	None	9/23/2022
CP9495	13953705	Closed	Not Applicable	6/5/2023	6/8/2023	Resident Email	No Action Required	None	6/30/2023
CW6	13554385	Open	Grease Bin	4/13/2023	4/13/2023	County Staff	Ongoing	Additional site visits per SOP	N/A
DB2887	12300788	Open	Pool Water	7/12/2023	7/12/2022	Resident Email	Ongoing	Additional site visits per SOP	N/A
DD48	13226279	Closed	Washwater	1/24/2023	1/24/2023	County Staff	No Action Required	Public Education	4/25/2023
JC4527	13723494	Closed	Maintenance Activities	5/12/2023	5/12/2023	Dry Weather Screening	No Action Required	None	5/23/2023
JC5635	12969455	Closed	Washwater	11/29/2022	11/29/2022	Resident Email	Source Eliminated	None	4/21/2023
KS0805	13368981	Closed	Sewage	3/5/2023	3/5/2023	LEx	No Action Required	None	5/1/2023
MD1366	12751827	Closed	Pool Water	6/6/2022	8/31/2022	Dry Weather Screening	No Action Required	None	10/6/2022
MD1687	13575419	Closed	Dumping - Unknown Material	4/11/2023	4/12/2023	Dry Weather Screening	Isolated Incident	None	5/8/2023
MD483	12499880	Closed	Salt Storage	8/5/2022	8/5/2022	County Staff	No Action Required	None	8/16/2022
ME2500	12739089	Closed	Grease Bin	6/1/2022	8/31/2022	Dry Weather Screening	Isolated Incident	Public Education	10/4/2022
ME3859	12744053	Closed	Pool Water	6/6/2022	8/31/2022	Dry Weather Screening	Isolated Incident	Include in next year's Dry Weather Screening	10/6/2022
ME407	13477813	Closed	Grease Bin	3/28/2023	3/28/2023	County Staff	Source Eliminated	None	6/29/2023

Loudoun County
Annual Report (VAR040067)

Outfall ID	LEx ID	Status	Source of Illicit Discharge	Date Discharge Observed	Date Discharge Reported	Method of Discovery	Investigation Resolution	Follow-up Activities	Date Investigation Closed
RA1073	13509879	Open	Grease Bin	3/29/2023	3/29/2023	County Staff	Ongoing	Issue additional NOV(s) per SOP	N/A
RA6246	13423713	Closed	Salt Storage	3/8/2023	3/8/2023	County Staff	Isolated Incident	None	3/16/2023
RJ0070	13031040	Closed	Vehicle Maintenance Activities	12/7/2022	12/7/2022	Phone Call to County Staff	Isolated Incident	Include in next year's Dry Weather Screening	12/14/2022
SR36	13682461	Closed	Food Waste	5/4/2023	5/4/2023	County Staff	Source Eliminated	None	6/30/2023
UG0015	12876964	Closed	Vehicle Maintenance Activities	11/4/2022	11/4/2022	County Staff	Source Eliminated	None	12/12/2022
UG0015	12999621	Closed	Washwater	12/1/2022	12/6/2022	County Staff	Source Eliminated	None	4/18/2023
WB12916	13630817	Closed	Construction Activities	4/5/2023	4/10/2023	County Staff	No Action Required	Direct to Building and Development	4/28/2023
WB13501	13324289	Closed	Vehicle Maintenance Activities	2/10/2023	2/10/2023	County Staff	No Action Required	None	2/23/2023
WB56	13459757	Closed	Grease Bin	3/21/2023	3/23/2023	County Staff	Source Eliminated	None	6/30/2023
WB658	12832878	Closed	Not Applicable	10/24/2022	10/25/2022	County Staff	Allowable Discharge	None	11/30/2022

Appendix G

Erosion and Sedimentation

L. Preston Bryant, Jr.
Secretary of Natural
Resources



Joseph H. Maroon
Director

COMMONWEALTH of VIRGINIA
DEPARTMENT OF CONSERVATION AND RECREATION

203 Governor Street, Suite 206

Richmond, Virginia 23219

Phone: (804) 786-2064 Fax: (804) 786-1798

November 20, 2007

Mr. Kirby Bowers
County Administrator
Loudoun County
P.O. Box 7000
Leesburg, VA 20177-7000

Re: Loudoun County's Erosion and Sediment Control Program

Dear Mr. Bowers:

In response to information presented to the Virginia Soil and Water Conservation Board by the Department of Conservation and Recreation staff, the Board approved the following motion:

"The Virginia Soil and Water Conservation Board commends Loudoun County for successfully improving the County's Erosion and Sediment Control Program to become fully consistent with the requirements of the Virginia Erosion and Sediment Control Law and Regulations, thereby providing better protection for Virginia's soil and water resources."

We congratulate Loudoun County on this substantial accomplishment and recognize the County's efforts to proactively protect Virginia's soil and water resources through implementation of effective erosion and sediment control.

Sincerely,

A handwritten signature in black ink, reading "Joseph H. Maroon".


Joseph H. Maroon
Director

cc: Kevin Haile, Loudoun County Erosion and Sediment Control Program Administrator
Kelly Vanover, DCR Warrenton Regional Manager
Eric R. Capps, DCR Erosion and Sediment Control Program Manager
*State Parks • Soil and Water Conservation • Natural Heritage • Outdoor Recreation Planning
Chesapeake Bay Local Assistance • Dam Safety and Floodplain Management • Land Conservation*

Appendix H

VSMP Statement

Loudoun County, the permittee, submitted stormwater management facility information for this permit cycle through the Virginia Construction Stormwater General Permit database for all land disturbing activities for which the permittee was required to obtain coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities.



Name: James P. Edmonds

Title: Va. Stormwater Management Program Administrator, Dept. of Building & Development

Appendix I

BMP Inspections

Loudoun County Virginia

BMP Inspections (Private Ownership) Within the MS4 Area from July 1, 2022 - June 30, 2023

FCTID	BMP Type	Inspection Date	Functioning As Designed	Enforcement Action Taken
AB1658A	Underground Detention	1/9/2023	Fx as designed	N/A
BC26	Underground Detention	10/20/2022	Fx as designed	Preventative Maintenance Letter Sent
BC40	Underground Detention	1/12/2023	Not Fx as designed	Maintenance Required Letter Sent
BC57	Bioretention	8/30/2022	Fx as designed	N/A
BT0053	Bioretention	3/29/2023	Fx as designed	Preventative Maintenance Letter Sent
CP8190	Stormceptor	1/10/2023	Fx as designed	Preventative Maintenance Letter Sent
CP8301	Stormceptor	1/10/2023	Not Fx as designed	Maintenance Required Letter Sent
CP878	Bioretention	8/29/2022	Fx as designed	N/A
CW7	Pnd_Wet	1/30/2023	Fx as designed	Preventative Maintenance Letter Sent
DD103	Baysaver	12/21/2022	Fx as designed	Preventative Maintenance Letter Sent
DD24	Underground Detention	1/12/2023	Fx as designed	N/A
DD25	Stormceptor	1/12/2023	Fx as designed	N/A
DD27	Underground Detention	1/12/2023	Fx as designed	N/A
DD28	Stormfilter	1/12/2023	Fx as designed	Preventative Maintenance Letter Sent
DD30	Stormfilter	1/12/2023	Fx as designed	Preventative Maintenance Letter Sent
DD62	Baysaver	1/6/2023	Fx as designed	N/A
DD63	Baysaver	1/6/2023	Fx as designed	N/A
DD77	Strmtrt	1/18/2023	Not Fx as designed	Maintenance Required Letter Sent
DD95	Bioretention	3/27/2023	Fx as designed	N/A
DF221	Bioretention	3/29/2023	Fx as designed	N/A
DF222	Bioretention	3/29/2023	Fx as designed	N/A
DF223	Bioretention	3/29/2023	Fx as designed	N/A
DF231	Pnd_Wet	1/31/2023	Not Fx as designed	Maintenance Required Letter Sent
DF234	Bioretention	8/29/2022	Fx as designed	N/A
DF235	Bioretention	8/29/2022	Fx as designed	N/A
DF336	Pnd_Wet	10/25/2022	Fx as designed	Preventative Maintenance Letter Sent
DF45	Pnd_Wet	1/19/2023	Fx as designed	Preventative Maintenance Letter Sent
KS0369	Underground Detention	1/25/2023	Fx as designed	Preventative Maintenance Letter Sent
KS0378	Pnd_Dry	1/4/2023	Fx as designed	N/A
KS0389	Bioretention	8/25/2022	Fx as designed	N/A
KS0390	Bioretention	8/25/2022	Fx as designed	N/A
KS0430	Bioretention	4/3/2023	Fx as designed	N/A
KS0431	Bioretention	4/7/2023	Fx as designed	N/A
RA0364	Bioretention	8/25/2022	Fx as designed	N/A
RA0365	Bioretention	8/25/2022	Fx as designed	N/A
RJ0014	Bioretention	3/29/2023	Fx as designed	N/A
RJ0015	Bioretention	3/29/2023	Fx as designed	N/A
RJ0016	Stormfilter	1/12/2023	Fx as designed	N/A
RJ0023	Underground Detention	1/18/2023	Fx as designed	Preventative Maintenance Letter Sent
RJ0166	Pnd_Dry	1/12/2023	Fx as designed	Preventative Maintenance Letter Sent
RJ0219	Stormfilter	1/10/2023	Fx as designed	Preventative Maintenance Letter Sent
SP22	Underground Detention	1/12/2023	Fx as designed	Preventative Maintenance Letter Sent
UG0037	Stormfilter	1/18/2023	Fx as designed	N/A
UG0038	Stormfilter	1/18/2023	Fx as designed	N/A
UG0063	CDS	1/4/2023	Fx as designed	Preventative Maintenance Letter Sent
UG0118	Underground Detention	2/1/2023	Not Fx as designed	Maintenance Required Letter Sent
UG0119	Underground Detention	2/1/2023	Not Fx as designed	Maintenance Required Letter Sent
UG0120	Underground Detention	2/1/2023	Not Fx as designed	Maintenance Required Letter Sent
UG0121	Jellyfish	2/1/2023	Not Fx as designed	Maintenance Required Letter Sent
UG0140	Stormfilter	12/21/2022	Fx as designed	Preventative Maintenance Letter Sent
WB50101	Bioretention	3/27/2023	Fx as designed	Preventative Maintenance Letter Sent
WP0058	Pnd_Wet	1/18/2023	Fx as designed	Preventative Maintenance Letter Sent
WP3096	Baysaver	1/6/2023	Fx as designed	N/A
UG0121	Jellyfish	12/15/2020	Fx as designed	NA

Loudoun County Virginia**BMP Inspections (Private Ownership) Within the MS4 Area from July 1, 2022 - June 30, 2023**

FCTID	BMP Type	Inspection Date	Functioning As Designed	Enforcement Action Taken
WB2277	Pnd_Wet	4/16/2021	Fx as designed	Preventative Maintenance Letter Sent
WB50050	Pnd_Wet	4/22/2021	Fx as designed	Preventative Maintenance Letter Sent
WB50052	Pnd_Wet	2/9/2021	Fx as designed	Preventative Maintenance Letter Sent
WJ1453	Pnd_Wet	1/8/2021	Fx as designed	Preventative Maintenance Letter Sent
WJ1636	Pnd_Wet	12/22/2020	Fx as designed	Preventative Maintenance Letter Sent
WJ1908	Pnd_Wet	4/6/2021	Fx as designed	Preventative Maintenance Letter Sent
WJ494	Pnd_Wet	4/22/2021	Fx as designed	Preventative Maintenance Letter Sent
WJ658	Pnd_Wet	1/13/2021	Fx as designed	Preventative Maintenance Letter Sent
WP3096	Baysvr	12/22/2020	Fx as designed	NA

Loudoun County Virginia

BMP Inspections (Public Ownership) Within the MS4 Area from July 1, 2022 - June 30, 2023

FCTID	BMP Type	Inspection Date	Functioning As Designed	Description of Maintenance
AB1676A	Underground Detention	1/9/2023	Fx as designed	N/A
AB1935	CDS	10/20/2022	Fx as designed	Preventative Maintenance Only
AB2039	Underground Detention	1/9/2023	Fx as designed	N/A
AB2053	Underground Detention	1/10/2023	Fx as designed	Preventative Maintenance Only
AJ570	Stormceptor	1/12/2023	Fx as designed	N/A
AJ629	Stormceptor	1/12/2023	Fx as designed	N/A
AJ665	Stormceptor	1/12/2023	Fx as designed	N/A
BC124	Underground Detention	12/20/2022	Fx as designed	N/A
BC131	Stormceptor	1/10/2023	Fx as designed	Preventative Maintenance Only
BC136	Baysaver	1/31/2023	Not Fx as designed	Remove all external obstructions and blockage within MH1 Str. 20.
BC30	Baysaver	10/20/2022	Fx as designed	N/A
BC36	Hydroguard	1/6/2023	Fx as designed	Preventative Maintenance Only
BC37	Stormfilter	12/20/2022	Fx as designed	Preventative Maintenance Only
BC38	Underground Detention	12/20/2022	Fx as designed	N/A
BC39	Baysaver	1/9/2023	Fx as designed	N/A
BC46	Pnd_Dry	10/12/2022	Fx as designed	Preventative Maintenance Only
BC47	Pnd_Dry	10/12/2022	Fx as designed	N/A
BC56	Pnd_Dry	1/26/2023	Fx as designed	Preventative Maintenance Only
BC62	Pnd_Dry	12/1/2022	Fx as designed	Preventative Maintenance Only
BC70	Stormfilter	1/10/2023	Fx as designed	Preventative Maintenance Only
BC71	Underground Detention	1/10/2023	Fx as designed	N/A
BC78	Pnd_Dry	1/26/2023	Fx as designed	Preventative Maintenance Only
BC86	Pnd_Dry	1/24/2023	Fx as designed	Preventative Maintenance Only
BC87	Pnd_Dry	1/24/2023	Fx as designed	N/A
BC88	Pnd_Dry	1/24/2023	Fx as designed	Preventative Maintenance Only
BT0005	Bioretention	3/29/2023	Fx as designed	Preventative Maintenance Only
BT0014	Bioretention	3/20/2023	Fx as designed	N/A
BT0022	Bioretention	4/10/2023	Fx as designed	N/A
BT0023	Bioretention	4/10/2023	Fx as designed	N/A
BT0027	Bioretention	3/27/2023	Fx as designed	N/A
BT0028	Bioretention	4/5/2023	Fx as designed	Preventative Maintenance Only
BT0029	Bioretention	4/5/2023	Fx as designed	N/A
BT0036	Bioretention	3/29/2023	Fx as designed	Preventative Maintenance Only
BT0038	Bioretention	3/15/2023	Fx as designed	Preventative Maintenance Only
BT0043	Bioretention	3/27/2023	Fx as designed	Preventative Maintenance Only
BT0044	Bioretention	3/27/2023	Fx as designed	N/A
BT0046	Bioretention	3/20/2023	Fx as designed	N/A
BT0047	Bioretention	3/20/2023	Fx as designed	N/A
BT0048	Bioretention	3/20/2023	Fx as designed	N/A
BT0049	Bioretention	3/20/2023	Fx as designed	N/A
BT0050	Bioretention	3/20/2023	Fx as designed	N/A
BT0051	Bioretention	3/20/2023	Fx as designed	N/A
BT0052	Bioretention	3/20/2023	Fx as designed	N/A
BT0062	Bioretention	3/17/2023	Fx as designed	N/A
BT0064	Bioretention	3/29/2023	Fx as designed	N/A
BT0065	Bioretention	3/17/2023	Fx as designed	N/A
BT0133	Bioretention	3/29/2023	Fx as designed	Preventative Maintenance Only
CH8905	Pnd_Dry	1/31/2023	Fx as designed	N/A
CH9112	Pnd_Wet	10/7/2022	Fx as designed	Preventative Maintenance Only
CH9243	Pnd_Wet	10/7/2022	Fx as designed	Preventative Maintenance Only
CH9496	Pnd_Wet	10/7/2022	Fx as designed	Preventative Maintenance Only
CP10293	Stormfilter	1/4/2023	Fx as designed	N/A
CP10299	CDS	1/4/2023	Fx as designed	N/A
CP10336	Stormfilter	1/4/2023	Not Fx as designed	Preventative Maintenance Only

Loudoun County Virginia

BMP Inspections (Public Ownership) Within the MS4 Area from July 1, 2022 - June 30, 2023

FCTID	BMP Type	Inspection Date	Functioning As Designed	Description of Maintenance
CP2411	Baysaver	1/9/2023	Fx as designed	N/A
CP2463	Stormfilter	1/4/2023	Fx as designed	N/A
CP2471	Stormceptor	1/4/2023	Fx as designed	N/A
CP406	Bioretention	8/29/2022	Fx as designed	Preventative Maintenance Only
CP407	Bioretention	8/29/2022	Fx as designed	N/A
CP4157	Pnd_Dry	12/1/2022	Fx as designed	N/A
CP420	Bioretention	8/30/2022	Fx as designed	Preventative Maintenance Only
CP421	Bioretention	8/30/2022	Fx as designed	Preventative Maintenance Only
CP422	Bioretention	8/29/2022	Fx as designed	N/A
CP439	Bioretention	8/29/2022	Fx as designed	Preventative Maintenance Only
CP445	Bioretention	8/29/2022	Fx as designed	N/A
CP446	Bioretention	8/29/2022	Fx as designed	N/A
CP6545	Pnd_Wet	1/24/2023	Fx as designed	N/A
CP6569	Pnd_Wet	1/24/2023	Fx as designed	Preventative Maintenance Only
CP7501	Jellyfish	12/20/2022	Fx as designed	N/A
CP772	Underground Detention	1/18/2023	Fx as designed	N/A
CP8224	Pnd_Wet	3/10/2023	Fx as designed	Preventative Maintenance Only
CP8645	Stormfilter	1/6/2023	Fx as designed	N/A
CP8648	Stormfilter	1/6/2023	Fx as designed	N/A
CP8650	Stormfilter	1/6/2023	Fx as designed	N/A
CP8846	Bioretention	8/30/2022	Fx as designed	Preventative Maintenance Only
CP8872	Pnd_Wet	1/25/2023	Fx as designed	N/A
CP8958	Pnd_Wet	1/25/2023	Fx as designed	Preventative Maintenance Only
CP9111	Bioretention	8/30/2022	Fx as designed	Preventative Maintenance Only
CP9118	Pnd_Wet	1/19/2023	Fx as designed	N/A
CS12	Stormceptor	1/9/2023	Fx as designed	N/A
CS13	Bioretention	3/17/2023	Fx as designed	Preventative Maintenance Only
CS14	Stormfilter	10/20/2022	Fx as designed	N/A
DB1192	Pnd_Wet	1/30/2023	Fx as designed	Preventative Maintenance Only
DB1257	Pnd_Wet	1/26/2023	Fx as designed	N/A
DB1337	Pnd_Wet	1/19/2023	Fx as designed	N/A
DD104	Stormceptor	12/21/2022	Fx as designed	N/A
DD105	Stormceptor	12/21/2022	Fx as designed	N/A
DD111	Stormfilter	2/1/2023	Fx as designed	N/A
DD112	Stormfilter	2/1/2023	Not Fx as designed	Remove all oil and debris from structure. Replace any filter cartridge.
DD118	Stormfilter	1/18/2023	Fx as designed	N/A
DD120	Stormfilter	12/20/2022	Fx as designed	N/A
DD122	Stormfilter	12/20/2022	Fx as designed	N/A
DD23	Stormfilter	2/1/2023	Fx as designed	N/A
DD231	Pnd_Dry	1/18/2023	Fx as designed	N/A
DD32	Bioretention	4/10/2023	Fx as designed	Preventative Maintenance Only
DD33	Stormceptor	10/20/2022	Fx as designed	N/A
DD39	Stormfilter	1/31/2023	Fx as designed	N/A
DD43	Stormfilter	1/26/2023	Fx as designed	N/A
DD5	Stormfilter	2/1/2023	Fx as designed	N/A
DD51	Stormfilter	2/1/2023	Fx as designed	N/A
DD54	Bioretention	4/7/2023	Fx as designed	N/A
DD61	Underground Detention	12/21/2022	Fx as designed	N/A
DD65	Pnd_Dry	1/31/2023	Fx as designed	Preventative Maintenance Only
DD68	Bioretention	8/29/2022	Fx as designed	N/A
DD69	Bioretention	8/29/2022	Fx as designed	N/A
DD70	Bioretention	8/29/2022	Fx as designed	N/A
DD89	Baysaver	1/6/2023	Fx as designed	N/A
DF129	Bioretention	3/20/2023	Fx as designed	Preventative Maintenance Only

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BMP Inspections (Public Ownership) Within the MS4 Area from July 1, 2022 - June 30, 2023

FCTID	BMP Type	Inspection Date	Functioning As Designed	Description of Maintenance
DF130	Bioretention	3/20/2023	Fx as designed	Preventative Maintenance Only
DF131	Bioretention	3/20/2023	Fx as designed	N/A
DF141	Bioretention	3/27/2023	Fx as designed	Preventative Maintenance Only
DF142	Bioretention	3/27/2023	Fx as designed	N/A
DF146	Stormfilter	1/4/2023	Not Fx as designed	Repair Weir to proper configuration. Remove debris and clear vegetation.
DF166	Bioretention	3/29/2023	Fx as designed	N/A
DF167	Bioretention	3/29/2023	Fx as designed	Preventative Maintenance Only
DF170	Pnd_Dry	10/18/2022	Fx as designed	N/A
DF201	Bioretention	4/7/2023	Fx as designed	Preventative Maintenance Only
DF202	Bioretention	8/29/2022	Fx as designed	Preventative Maintenance Only
DF203	Pnd_Dry	1/30/2023	Fx as designed	N/A
DF204	Pnd_Dry	10/7/2022	Fx as designed	Preventative Maintenance Only
DF209	Bioretention	3/17/2023	Fx as designed	N/A
DF210	Bioretention	3/17/2023	Fx as designed	N/A
DF214	Bioretention	3/15/2023	Fx as designed	Preventative Maintenance Only
DF216	Underground Detention	1/4/2023	Fx as designed	N/A
DF219	Pnd_Wet	1/30/2023	Fx as designed	N/A
DF220	Bioretention	3/29/2023	Fx as designed	Preventative Maintenance Only
DF224	Pnd_Dry	1/26/2023	Fx as designed	Preventative Maintenance Only
DF233	Bioretention	8/29/2022	Fx as designed	N/A
DF267	Pnd_Dry	1/18/2023	Fx as designed	Preventative Maintenance Only
DF276	Pnd_Wet	1/17/2023	Fx as designed	N/A
DF41	Bioretention	3/17/2023	Fx as designed	Preventative Maintenance Only
DF42	Bioretention	3/17/2023	Fx as designed	Preventative Maintenance Only
DF43	Stormfilter	1/4/2023	Fx as designed	N/A
DF56	Pnd_Wet	1/26/2023	Fx as designed	N/A
DF57	Pnd_Wet	1/26/2023	Fx as designed	N/A
DF63	Pnd_Dry	1/24/2023	Fx as designed	Preventative Maintenance Only
DF70	Pnd_Wet	10/12/2022	Fx as designed	N/A
DF71	Pnd_Dry	10/18/2022	Fx as designed	N/A
DF88	Bioretention	3/29/2023	Fx as designed	Preventative Maintenance Only
DF89	Bioretention	3/29/2023	Fx as designed	Preventative Maintenance Only
DF90	Bioretention	3/29/2023	Fx as designed	N/A
DF95	Bioretention	3/15/2023	Fx as designed	N/A
DK20002	Baysaver	10/20/2022	Fx as designed	N/A
DK20004	Stormfilter	10/20/2022	Fx as designed	N/A
DK20006	Stormfilter	10/20/2022	Fx as designed	N/A
DK20026	Stormfilter	1/24/2023	Fx as designed	N/A
DK20030	Stormfilter	1/24/2023	Fx as designed	Preventative Maintenance Only
DP0023	Pnd_Dry	1/24/2023	Fx as designed	N/A
DW14	Pnd_Dry	1/19/2023	Fx as designed	N/A
DW148	Baysaver	1/3/2023	Fx as designed	N/A
DW151	Baysaver	1/3/2023	Fx as designed	N/A
GC1221	Pnd_Dry	10/7/2022	Fx as designed	N/A
GC1224	Pnd_Dry	10/25/2022	Fx as designed	Preventative Maintenance Only
GC1563	Pnd_Wet	10/25/2022	Fx as designed	N/A
GC187	Bioretention	4/10/2023	Fx as designed	N/A
GC188	Bioretention	4/10/2023	Fx as designed	Preventative Maintenance Only
GC189	Bioretention	4/10/2023	Fx as designed	Preventative Maintenance Only
GC937	Pnd_Dry	10/12/2022	Not Fx as designed	Church stack is blocked. For outfall GC942, remove the overgrown veg.
GC939	Pnd_Wet	10/12/2022	Fx as designed	N/A
GC940	Pnd_Dry	10/12/2022	Fx as designed	N/A
GC941	Pnd_Dry	10/12/2022	Fx as designed	N/A
JC2411	Pnd_Dry	10/18/2022	Fx as designed	Preventative Maintenance Only

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BMP Inspections (Public Ownership) Within the MS4 Area from July 1, 2022 - June 30, 2023

FCTID	BMP Type	Inspection Date	Functioning As Designed	Description of Maintenance
JC4182	Pnd_Dry	10/12/2022	Not Fx as designed	Outfall JC2534 is blocked. Remove veg at emergency overflow area and CP1311.
JC4380	Pnd_Dry	10/12/2022	Fx as designed	N/A
JC4381	Pnd_Dry	10/12/2022	Fx as designed	Preventative Maintenance Only
JC4527	Pnd_Wet	10/18/2022	Fx as designed	Preventative Maintenance Only
JC4577	Pnd_Dry	10/12/2022	Fx as designed	Preventative Maintenance Only
JC4579	Pnd_Wet	10/18/2022	Fx as designed	Preventative Maintenance Only
JC50004	Pnd_Dry	12/21/2022	Fx as designed	Preventative Maintenance Only
JC50005	Pnd_Dry	12/21/2022	Fx as designed	N/A
JC50044	Pnd_Dry	1/3/2023	Fx as designed	N/A
JC50045	Pnd_Wet	1/26/2023	Fx as designed	N/A
JC50047	Pnd_Wet	1/26/2023	Fx as designed	Preventative Maintenance Only
JC6489	Pnd_Dry	1/19/2023	Fx as designed	Preventative Maintenance Only
JC6490	Pnd_Dry	1/19/2023	Fx as designed	Preventative Maintenance Only
JC6551	Pnd_Wet	10/7/2022	Fx as designed	Preventative Maintenance Only
JC6552	Pnd_Wet	10/7/2022	Fx as designed	N/A
JC6682	Pnd_Dry	10/7/2022	Not Fx as designed	At JC6685, remove the blockage at the low flow orifice.
JC6683	Pnd_Dry	10/7/2022	Fx as designed	Preventative Maintenance Only
JC6684	Pnd_Dry	1/19/2023	Fx as designed	Preventative Maintenance Only
JC6844	Pnd_Dry	10/7/2022	Fx as designed	Preventative Maintenance Only
JC6845	Pnd_Dry	10/7/2022	Fx as designed	N/A
JC77	Pnd_Wet	1/19/2023	Fx as designed	N/A
KD50006	Pnd_Dry	12/14/2022	Fx as designed	N/A
KD50007	Pnd_Dry	12/14/2022	Fx as designed	N/A
KD50011	Pnd_Dry	1/3/2023	Fx as designed	Preventative Maintenance Only
KD50012	Pnd_Dry	1/3/2023	Fx as designed	N/A
KD50013	Pnd_Dry	1/3/2023	Fx as designed	N/A
KS0215	Bioretention	3/29/2023	Fx as designed	Preventative Maintenance Only
KS0231	Bioretention	3/27/2023	Fx as designed	Preventative Maintenance Only
KS0235	Bioretention	3/29/2023	Fx as designed	Preventative Maintenance Only
KS0236	Bioretention	3/29/2023	Fx as designed	Preventative Maintenance Only
KS0242	Bioretention	4/10/2023	Fx as designed	N/A
KS0243	Bioretention	4/10/2023	Fx as designed	Preventative Maintenance Only
KS0370	Bioretention	4/7/2023	Fx as designed	N/A
KS0371	Bioretention	4/7/2023	Fx as designed	N/A
KS0372	Bioretention	3/15/2023	Fx as designed	N/A
KS0373	Bioretention	3/17/2023	Fx as designed	N/A
KS0374	Bioretention	3/17/2023	Fx as designed	Preventative Maintenance Only
KS0375	Bioretention	3/17/2023	Fx as designed	Preventative Maintenance Only
KS0376	Bioretention	4/7/2023	Fx as designed	Preventative Maintenance Only
KS0377	Bioretention	4/7/2023	Fx as designed	Preventative Maintenance Only
KS0385	Bioretention	3/27/2023	Fx as designed	N/A
KS0399	Bioretention	3/17/2023	Fx as designed	Preventative Maintenance Only
KS0400	Stormceptor	1/18/2023	Fx as designed	N/A
KS0410	Pnd_Dry	12/1/2022	Fx as designed	N/A
KS0432	Stormfilter	1/12/2023	Fx as designed	N/A
KS0433	Stormfilter	1/12/2023	Fx as designed	N/A
KS0800	Pnd_Dry	1/25/2023	Fx as designed	Preventative Maintenance Only
KS0801	Pnd_Wet	1/25/2023	Fx as designed	N/A
KW498	Pnd_Dry	12/20/2022	Fx as designed	Preventative Maintenance Only
KW86	Baysaver	1/9/2023	Fx as designed	N/A
MD4151	Pnd_Wet	1/19/2023	Fx as designed	Preventative Maintenance Only
RA0104	Stormceptor	1/18/2023	Fx as designed	N/A
RA0135	Stormceptor	1/18/2023	Fx as designed	N/A
RA0186	Pnd_Wet	1/24/2023	Fx as designed	Preventative Maintenance Only

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BMP Inspections (Public Ownership) Within the MS4 Area from July 1, 2022 - June 30, 2023

FCTID	BMP Type	Inspection Date	Functioning As Designed	Description of Maintenance
RA5202	Pnd_Dry	1/26/2023	Fx as designed	N/A
RA5761	BayFilter	1/31/2023	Fx as designed	Preventative Maintenance Only
RJ0001	Stormfilter	1/4/2023	Not Fx as designed	Repair bilco doors. Remove blockage from transfer hole in Cartridge Bay 1.
RJ0029	Pnd_Wet	1/30/2023	Fx as designed	Preventative Maintenance Only
RJ0044	Bioretention	3/29/2023	Fx as designed	Preventative Maintenance Only
RJ0073	Stormfilter	1/4/2023	Fx as designed	N/A
RJ0075	Stormfilter	1/4/2023	Fx as designed	Preventative Maintenance Only
RJ0155	Pnd_Wet	1/25/2023	Fx as designed	N/A
RJ0161	Pnd_Dry	1/18/2023	Not Fx as designed	CP6375, AJ3702, AJ3321 & AJ3503-remove sediment obstructions. GC1544-veg. obstruction.
RJ0164	Stormfilter	1/12/2023	Fx as designed	N/A
RJ0168	Pnd_Dry	10/25/2022	Fx as designed	Preventative Maintenance Only
RJ0191	Stormfilter	1/10/2023	Fx as designed	N/A
RJ0196	Stormceptor	1/10/2023	Fx as designed	N/A
RJ0199	Pnd_Dry	1/30/2023	Fx as designed	N/A
RJ0203	Pnd_Wet	1/24/2023	Fx as designed	Preventative Maintenance Only
SP2	Underground Detention	1/9/2023	Fx as designed	Preventative Maintenance Only
SR719	Underground Detention	1/12/2023	Fx as designed	N/A
UG0003	CDS	1/3/2023	Fx as designed	N/A
UG0014	Stormfilter	1/10/2023	Fx as designed	N/A
UG0017	Stormfilter	1/3/2023	Fx as designed	N/A
UG0022	Stormfilter	10/20/2022	Fx as designed	N/A
UG0023	Stormfilter	10/20/2022	Fx as designed	N/A
UG0032	Jellyfish	1/3/2023	Fx as designed	N/A
UG0033	Stormfilter	12/21/2022	Not Fx as designed	Repair bilco doors. Replace energy dissipator and trash rack in Cartridge Bay 2.
UG0047	Jellyfish	4/5/2023	Fx as designed	N/A
UG0048	Jellyfish	4/5/2023	Not Fx as designed	Replace chamber lids with safer alternative. Perform maintenance as needed.
UG0049	Jellyfish	4/5/2023	Fx as designed	N/A
UG0051	Downstream_Defender	1/10/2023	Fx as designed	N/A
UG0052	Underground Detention	1/17/2023	Fx as designed	Preventative Maintenance Only
UG0053	CDS	1/17/2023	Fx as designed	Preventative Maintenance Only
UG0054	CDS	1/17/2023	Fx as designed	N/A
UG0055	CDS	1/6/2023	Fx as designed	N/A
UG0087	Underground Detention	1/18/2023	Fx as designed	N/A
UG0092	CDS	1/3/2023	Fx as designed	N/A
UG0095	Underground Detention	1/4/2023	Fx as designed	N/A
UG0110	Jellyfish	1/10/2023	Fx as designed	N/A
WB20063	Stormceptor	10/20/2022	Fx as designed	N/A
WB20064	Stormceptor	10/20/2022	Fx as designed	N/A
WB20065	Stormceptor	10/20/2022	Fx as designed	N/A
WB20077	Baysaver	1/9/2023	Fx as designed	N/A
WB20078	Baysaver	1/9/2023	Fx as designed	N/A
WB20131	CDS	12/21/2022	Fx as designed	N/A
WB20137	CDS	12/21/2022	Fx as designed	N/A
WB20140	CDS	12/21/2022	Fx as designed	N/A
WB50070	Pnd_Dry	10/12/2022	Fx as designed	Preventative Maintenance Only
WB50072	Pnd_Wet	10/12/2022	Fx as designed	N/A
WB51005	Pnd_Wet	1/20/2023	Not Fx as designed	Remove the blockage at the low flow.
WJ118	Pnd_Dry	10/25/2022	Fx as designed	Preventative Maintenance Only
WJ145	Pnd_Wet	1/19/2023	Fx as designed	Preventative Maintenance Only
WJ268	Pnd_Wet	1/19/2023	Fx as designed	Preventative Maintenance Only
WJ89	Pnd_Dry	10/25/2022	Fx as designed	Preventative Maintenance Only
WP0003	Pnd_Wet	1/24/2023	Fx as designed	Preventative Maintenance Only
WP0044	Pnd_Wet	9/30/2022	Fx as designed	Preventative Maintenance Only
WP0059	Pnd_Wet	1/12/2023	Fx as designed	N/A

Loudoun County Virginia
BMP Inspections (Public Ownership) Within the MS4 Area from July 1, 2022 - June 30, 2023

FCTID	BMP Type	Inspection Date	Functioning As Designed	Description of Maintenance
WP0062	Pnd_Wet	1/12/2023	Fx as designed	Preventative Maintenance Only

Appendix J

Training

Loudoun County Department of General Services (DGS)
FY2023 (Permit 4/Year 5) Stormwater Management Facility (SWM)/Best Management Practice (BMP) Inspection Training
November 1, 2022

<u>Name</u>	<u>Organization</u>	<u>Phone Number</u>	<u>E-mail Address</u>
1. Karl Evans	Gen. Serv.	571-420-0669	Karl.evans@loudoun.gov
2. BRENT PAYNE	GEN SERV	-	brent.payne@loudoun.gov
3. Michele Seib	Gen Serv	571.918.554	michele.seib@loudoun.gov
4. Kathy Willis	Gen Serv	571.233-1840	Kathleen.Willis@loudoun.gov
5. Jamie Fultz	Gen. Serv.	571-509-9684	jamie.fultz@loudoun.gov
6. Edgar	Gen. Serv.	571.233-3222	Edgar.Pollen@loudoun.gov
7. Michael Donnelly	Gen. Serv.	571-498-1733	michael.donnelly@loudoun.gov
8. Randy Pearson	" "		Randy.Pearson@loudoun.gov
9. Chris Stone	DGS	571.233.6559	Chris.stone@loudoun.gov
10. Kevin Lenhart	Gen Serv	240 674 3166	Kevin.Lenhart@loudoun.gov
11. Everton Morgan	" "		Everton.Morgan@loudoun.gov
12. Roy Finneyrock	Gen Serv	571.479.8356	Roy.Finneyrock@loudoun.gov
13. Devin Burns	Gen serv	571-421-5287	Devin.Burns@loudoun.gov
14. Josh Pratt	Gen serv.	571-246-1978	Joshua.Pratt@loudoun.gov
15. Ken Prisby	G.S.	571-420-0974	Ken.Prisby@loudoun.gov
16. Pat Marx	G.S.		Pat.Marx@loudoun.gov
17. Lannan Pearson	G.S.	571.233.1839	Haguard.Pearson@loudoun.gov
18. Ronnie Mason	G.S.	571.442-2246	Ronnie.Mason@loudoun.gov
19. Jason Wynne	G.S.	571-58528-3429	Jason.Wynne@loudoun.gov
20. David Wayland	G.S.	(571) 233-2441	david.wayland@loudoun.gov
JEFF HAGA	G.S.	571-233-0332	jeffery.haga@loudoun.gov
Matt Brown	G.S.	571-479-8562	matthew.brown@loudoun.gov



Stormwater Pollution Prevention Plan (SWPPP)
Loudoun County Central Warehouse and Maintenance Facility SWPPP

Table 6: Stormwater Pollution Prevention Training Attendance Sheet

Training Class:	Location:	Extension	E-mail
Instructor:	Date:		
Student Name (please print)	Student Signature	Department	
Chris Stone	C. Stone	DGS	chris.stone@loudoun.gov
Josh Pratt	Josh Pratt	Public Works	Joshua.Pratt@loudoun.gov
Jason Wynne	JW	Public Works	Jason.Wynne@loudoun.gov
Donnie Mason	Donnie Mason	Public Works	Don.mason@loudoun.gov
Kevin Lenhart	KL	PW	Kevin.Lenhart@loudoun.gov
Roy Finnyfrock	R.F.	PW	Roy.Finnyfrock@loudoun.gov
Jeff Hagan	JH	Public Works	Jeffery.Hagan@loudoun.gov
Randy Pearson	R. Pearson	Public Works	Randy.Pearson@loudoun.gov
Brent Payne	B. Payne	SW	brent.payne@loudoun.gov
Matt Brown	M. Brown	DGS	matthew.brown@loudoun.gov
Michael Donnelly	M. Donnelly	DGS	Michael.donnelly@loudoun.gov
Harold Pearson	H. Pearson	DGS	Harold.Pearson@loudoun.gov
Devin Burns	D. Burns	PW	Devin.Burns@loudoun.gov
Everton Morgan	E. Morgan	PW	Everton.Morgan@loudoun.gov

[illegible]



HP-SWPPP Employee Training Log

Topic(s) Covered:

- ☐ All Components and Goals of the HP-SWPPP
- ☒ P2/GH SOPs
- ☒ Illicit/Non-Stormwater Discharge Recognition and Reporting
- ☒ Spill Prevention, Response, and Reporting
- ☒ Other: Components of HP-SWPPP
- ☐ Other: _____

Trainer 1 Name: Max WolkSignature: [Signature]

Trainer 2 Name: _____

Signature: _____

Attendees (Names, Printed)	Signature
Karl Evans	Karl Evans
Josh Ashby	[Signature]
Austin Mehagic	[Signature]
ELDEN GROVER	[Signature]
Brian Tanner	[Signature]
Mitchell Frid	[Signature]
PATRICK O'LEARY	[Signature]

Date: _____

Page 1 of _____

**HP-SWPPP Employee Training Log****Topic(s) Covered:**

- ☐ All Components and Goals of the HP-SWPPP
- ☒ P2/GH SOPs
- ☒ Illicit/Non-Stormwater Discharge Recognition and Reporting
- ☒ Spill Prevention, Response, and Reporting
- ☒ Other: Components of HP-SWPPP
- ☐ Other: _____

Trainer 1 Name: Max WalkerSignature: [Signature]

Trainer 2 Name: _____

Signature: _____

Attendees (Names, Printed)	Signature
Karl Evans	Karl Evans
Joey Gorkum	[Signature]
Jonathan Shepherd	Jonathan Shepherd
Bradley Erickson	[Signature]
Mark Fauble	[Signature]
Luis Hurtado	[Signature]
Dave Thomas	Dave Thomas
Tim Martin	Tim Martin

Date: _____

Page 1 of _____

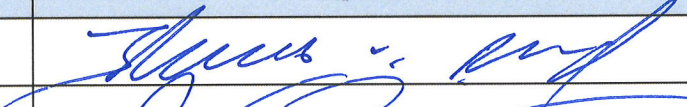



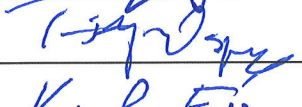
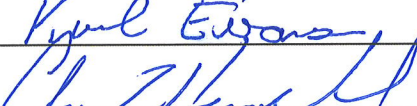
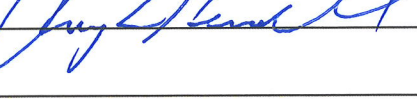
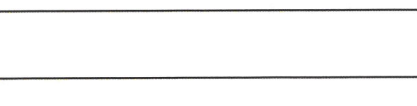
**HP-SWPPP Employee Training Log****Topic(s) Covered:**

- ☐ All Components and Goals of the HP-SWPPP
- ☒ P2/GH SOPs
- ☒ Illicit/Non-Stormwater Discharge Recognition and Reporting
- ☒ Spill Prevention, Response, and Reporting
- ☒ Other: Component of HP-SWPPP
- ☐ Other: _____

Trainer 1 Name: Max KulcarSignature: 

Trainer 2 Name: _____

Signature: _____

Attendees (Names, Printed)	Signature
Tom REED	
James Lichey	
Marcel Holmes	
David Brown	
David Zidek	
Timothy Depoy	
Karl Evans	
Char Herrell	

Date: 11/29/22Page 1 of 1